



# Crossrail Rolling Stock and Depot Service Provision Agreement

Execution Version

Volume 12



For and on behalf of Rail for London  
Limited



For and on behalf of Bombardier  
Transportation UK Ltd

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**SCHEDULE D1**

**Maintenance Services**

## **Part 1 – Maintenance Services**

### **1. THE SERVICES – GENERAL OBLIGATIONS**

#### **1.1 Purpose**

- (a) This schedule sets out the Standard Services and the Additional Services to be undertaken by the SP in respect of the Units and Equipment.
- (b) As described in clause 7.1 of the Agreement, RfL's role and obligations in respect of the operation of the Units for the Crossrail Franchise may be subcontracted and performed principally by the CTOC therefore the SP acknowledges and agrees that references in this schedule to "RfL" may in operational practice (where appropriate) be "CTOC" where under clause 7.1 RfL has given notice to the SP that this is the case.

#### **1.2 Services**

The SP shall:

- (a) provide the Standard Services (as described in paragraph 2);
- (b) provide the Additional Services (as described in paragraph 3);
- (c) comply with the following general obligations as part of those Services:
  - (i) the SP shall be responsible (except as otherwise expressly provided in this Agreement) for all plant, goods, materials, equipment, road vehicles, support services and all labour (including supervision and management) and other resources, whether temporary or permanent in nature, required for the performance of the Services;
  - (ii) the SP shall make available to RfL on a daily basis Units for service in accordance with the Diagrams set out in schedule D2 (Diagrams), the Train Plan provided by RfL in accordance with clause 26.1 from time to time and the Train Plan Parameters;
  - (iii) the SP shall comply with its obligations under schedule C5 (Maintenance/Stabling Sites), the Maintenance Plan, the Preparation, Presentation and Hand-Back Procedure, the In-Service Support Procedure and the Fault Notification Procedure; and
- (d) provide DOO CCTV Additional Spares in accordance with paragraph 3.1(d) of this part 1.

#### **1.3 RfL Obligations**

RfL shall comply with its obligations under schedule C5 (Maintenance/Stabling Sites), the Preparation, Presentation and Hand-Back Procedure, the In-Service Support Procedure and the Fault Notification Procedure.

#### **1.4 Maintenance Plan**

The SP shall provide to RfL for Assurance Acceptance six months before Provisional Acceptance of the first Unit to be Accepted a rolling stock maintenance plan which shall demonstrate how the SP will meet the requirements set out in this schedule D1. Once

such maintenance plan has been Assurance Accepted, it shall be the **"Maintenance Plan"** for the purposes of this Agreement.

## 2. **THE STANDARD SERVICES**

In relation to each Unit and item of Equipment (as applicable), the SP shall carry out all the Standard Services, in accordance with this paragraph 2.

### 2.1 **Presentation of Units and Simulator Availability**

- (a) The SP shall deliver each Unit to RfL on a daily basis at the relevant Entry Time and at the relevant Entry Point in accordance with the Train Plan Parameters, the Train Plan and the Preparation, Presentation and Hand-Back Procedure. When presented for service, each Unit shall:
  - (i) subject to Fair Wear and Tear, comply in all respects with the Train Technical Requirements, the Maintenance Plan, the Manuals and associated procedures;
  - (ii) comply in all respects with all Applicable Laws and Standards, all Relevant Approvals, the Services Quality Management Plan and the provisions of this Agreement;
  - (iii) be Fit for Service;
  - (iv) be free from RfL Faults except to the extent that they are Allowable Failures;
  - (v) comply with the Minimum Aesthetic Condition in paragraph 8 of this part 1 of schedule D1; and
  - (vi) be accompanied by a Hand-Over Certificate from the SP relating to that Unit.
- (b) A Unit presented in accordance with paragraph 2.1(a) above shall satisfy the requirements in limbs (b) and (c) of the definition of "Available".
- (c) The SP shall not make RfL's drivers responsible for any testing or preparation of the Units pursuant to complying with this paragraph 2.1.
- (d) The SP shall:
  - (i) make the Simulator available to RfL for the Simulator Available Hours to meet the Minimum Simulator Operating Condition; and
  - (ii) during the period that the Simulator is located at the OOC Depot, shall clean the Simulator once every seven days by carrying out those tasks specified in appendix 4 to this part 1 that would be applicable to the Simulator if the Simulator were a Vehicle such that it would meet or exceed the Interior Daily Clean Benchmark for those tasks and where the SP is in breach of this obligation RfL shall be entitled to procure a third party to rectify such breach at the SP's cost.

### 2.2 **Collection of Units**

- (a) The SP shall take delivery of, and RfL shall deliver, the Units in accordance with the Preparation, Presentation and Hand-Back Procedure at the relevant Exit Time and at the Exit Point.

- (b) RfL shall present the SP with a Hand-Back Certificate in accordance with the Preparation, Presentation and Hand-Back Procedure.
- (c) The SP shall not make RfL's drivers responsible for any train shut-down activities at the Exit Point taking longer than 2 minutes.

### 2.3 **Maintenance**

The SP shall maintain each Unit, Vehicle and each item of Equipment (with the exception of the Station Proprietary Items) in accordance with:

- (a) the Maintenance Plan;
- (b) the Manuals and any other associated maintenance procedures; and
- (c) this schedule D1.

### 2.4 **Repairs**

The SP shall undertake any repairs in accordance with the procedures set out in the Manuals and the Maintenance Plan for the repair of the Units, Vehicles, Parts and Equipment (with the exception of the Station Proprietary Items). All changes to the repair procedures will be made in accordance with all Applicable Laws and Standards and be subject to the written approval of RfL.

### 2.5 **Diligence in Fault-finding**

The SP shall undertake any Fault-finding with due diligence in accordance with the procedures set out in the Manuals and the Fault Notification Procedure. In Fault-finding, the SP will structure its activities to mitigate to the greatest extent possible the risk of a repeat Fault occurring at a later date through not being adequately detected and diagnosed at the Fault-finding stage.

### 2.6 **Work arising**

The SP shall conduct the examinations and inspections referred to in the Maintenance Plan, the Manuals and in respect of aesthetic standards/cleanliness and shall undertake all work arising from and required as a result of such examinations and inspections, provided that the cost of work arising shall be determined in accordance with the provisions of paragraph 3 (Additional Services) of this part 1 to the extent that it arises as a direct result of an RfL Fault.

### 2.7 **Refurbishments**

The SP shall undertake the periodic refurbishment of the Units, Vehicles and Equipment in accordance with the Maintenance Plan, the Manuals (where applicable) and appendix 3 to this part 1 of schedule D1.

### 2.8 **Failure**

- (a) Where any Unit is not Fit to Remain in Service and/or is not Fit to Run (including without limitation, as a result of an RfL Fault) (a "**Unit Failure**"), then the SP shall provide all or any of the following services ("**Unit Failure Services**") as shall be required promptly after the occurrence of any such Unit Failure (irrespective of any Disputes as to which Party should bear the responsibility for and should pay the costs of any such Unit Failure):

- (i) appropriately qualified and competent persons to attend such Unit and technical advice to be provided on an immediate basis to the relevant driver and other relevant RfL staff to promote rapid Fault-finding;
  - (ii) investigation and evaluation of the causes of the relevant Unit Failure;
  - (iii) protection of RfL's interests in respect of such Unit;
  - (iv) effecting the isolation of that Unit; and
  - (v) technical assistance in connection with the rail and non-rail transportation of Units where requested including technical assistance relating to the re-railing or wheel skating of a derailed or failed Unit and the removal of such Unit by coupling it to a functioning Unit.
- (b) The cost of providing the services referred to in paragraph 2.8(a) shall be borne by the SP unless the relevant Unit Failure occurred as a direct result of an RfL Fault, in which case those services shall be Generally Approved Additional Services (or Additional Services where the threshold for Generally Approved Additional Services in paragraph 3.3(a) has been exceeded) and to the extent reasonably and properly incurred, the cost of such Generally Approved Additional Services or Additional Services (as the case may be) shall be determined by RfL in accordance with paragraph 3 (Additional Services) of this part 1 and appendix 1 (Additional Services Payments) to schedule E2 (Payment Mechanism).
- (c) Where there is a failure of the DOO CCTV Station Subsystem (a **"DOO CCTV Failure"**) at any Crossrail Station then, at the request of RfL, the SP shall provide all or any of the following services (**"DOO CCTV Failure Services"**) as shall be required as soon as reasonably practicable after the occurrence of any such DOO CCTV Failure (irrespective of any Disputes as to which Party should bear the responsibility for and should pay the costs of any such DOO CCTV Failure) and where this requires entry onto Crossrail Stations, the SP shall comply with all rules and procedures regarding the entry onto such Crossrail Stations as notified to the SP:
- (i) appropriately qualified and competent persons to attend the DOO CCTV Station Subsystem and technical advice to be provided on an immediate basis to the relevant RfL staff to promote rapid Fault-finding; and
  - (ii) investigation and evaluation of the causes of the relevant DOO CCTV Failure.
- (d) The cost of providing the services referred to in paragraph 2.8(c) shall be borne by the SP unless the relevant DOO CCTV Failure occurred as a direct result of an RfL Fault, in which case those services shall be Generally Approved Additional Services (or Additional Services where the threshold for Generally Approved Additional Services in paragraph 3.3(a) has been exceeded) and to the extent reasonably and properly incurred, the cost of such Generally Approved Additional Services or Additional Services (as the case may be) shall be determined by RfL in accordance with paragraph 3 (The Additional Services) of this part 1 and appendix 1 (Additional Services Payments) to schedule E2 (Payment Mechanism).

## 2.9 **CTOC Control Room and SP Service Technician**

- (a) The SP shall provide a suitably qualified and competent person (the **"SP Service Technician"**) to be in the CTOC Control Room at all times during which the Crossrail Services are operating in passenger service and at the times set out in paragraph 2.9(b) of this part 1 to deal with requests made by RfL for in-service technical support and provision of the relevant Services.

- (b) The SP Service Technician shall be on duty in the CTOC Control Room no later than 30 minutes before the planned start of the first Diagram in accordance with the Train Plan until 15 minutes after the actual finish of the last Diagram.
- (c) The SP shall ensure that the SP Service Technician is able to fully access and utilise data from the Train Management System and that procedures (to be approved by RfL) are adopted to encourage close working co-operation between RfL and the SP in delivering fast and effective remedial action and other in-service technical support and ensure compliance with the In-Service Support Procedure.
- (d) The SP Service Technician shall be a Key Post and the provisions of paragraph 3 of part 1 of schedule A3 (Contract Management) shall apply.

#### 2.10 **Response times**

- (a) The SP shall attend a Unit in respect of which a Unit Failure has been reported as soon as reasonably practicable in the circumstances, and in any event will use all reasonable endeavours to comply with the following response times in respect of any Unit Failures reported to it:
  - (i) verbal advice and assistance by telephone, radio or other means as soon as reasonably possible but within two minutes at the latest; and
  - (ii) the provision of an appropriately qualified and competent person on site as soon as reasonably practicable and no longer than:
    - (A) 30 minutes for the Central Section; and
    - (B) one hour for the Network Sections and the Heathrow Spur.
- (b) The SP shall attend the Simulator when a Simulator Failure has been reported or on any occasion on which the Simulator does not meet the Minimum Simulator Operating Condition during the Minimum Simulator Available Hours as soon as reasonably practicable in the circumstances, and in any event will use all reasonable endeavours to comply with the following response times in respect of any such failure reported to it:
  - (i) verbal advice and assistance by telephone, radio or other means as soon as reasonably possible but within 30 minutes at the latest; and
  - (ii) the provision of an appropriately qualified and competent person on site as soon as reasonably practicable but within 6 hours at the latest.
- (c) If the SP fails to comply with the requirements of paragraph 2.10(a)(ii), the SP will at its own cost and risk increase the number of locations equipped with vans, tooling and appropriately qualified SP personnel to ensure compliance.

#### 2.11 **Information and instructions**

RfL shall comply with the reasonable instructions and reasonable requests of the SP in respect of the Unit Failure Services referred to in paragraph 2.8 above and shall procure that RfL's train crew present at the location of the Unit Failure shall provide the SP with such co-operation and assistance as the SP shall reasonably require, provided that this shall be without prejudice to and shall not in any way relieve the SP of its obligations to interrogate the Units and obtain information pursuant to the In-Service Support Procedure, the Fault Notification Procedure and the Preparation, Presentation and Hand-Back Procedure.

## 2.12 Reporting

### (a) Notification of Fault, loss or damage to Units, Vehicles or Equipment

- (i) Where either Party becomes aware of any Fault or any material loss or damage sustained in respect of a Unit, Vehicle or item of Equipment or a DOO CCTV Station Subsystem (including as a result of an RfL Fault), it shall notify the other Party of the same as soon as reasonably practicable in accordance with the Fault Notification Procedure.
- (ii) The SP shall at its own cost set up, use, maintain and make accessible to RfL and the CTOC at all times a means to electronically record Faults and to share Fault data between the SP, RfL and the CTOC.

### (b) Notification of safety critical issues

- (i) If the SP becomes aware of any matters which are or may be safety critical in respect of a Unit, Vehicle, item of Equipment, a DOO CCTV Station Subsystem or the Crossrail Infrastructure (including as a result of an RfL Fault), it shall notify RfL via verbal report to the CTOC Control Room immediately (with all details known at the time), and then provide to RfL written details of the matters then known to the SP as soon as possible thereafter and in any event within 48 hours. Full written details shall be notified by the SP to RfL as soon as possible thereafter and in any event within four Working Days.
- (ii) The Parties shall co-operate in respect of the provision of details of any matters which are or may be safety critical to other parties for the purpose of complying with the procedures under Railway Group Standard GE/RT 8250 "Reporting High Risk Defects" issue 2 (June 2007) (or as the same is updated or replaced from time to time) and any relevant related procedures and equivalent procedures in respect of the Central Section and the Heathrow Spur.

### (c) Progress Reports

On and from the Operating Date, the SP shall provide reports to RfL each Railway Period on its progress in connection with the provision of maintenance and related services and in satisfying each of the other requirements specified in this Agreement relating to maintenance and servicing of the Units and Equipment and the provision of Units for service (the "**Maintenance Progress Report**"). The SP shall ensure that the Maintenance Progress Report contains the following information (unless otherwise specified by RfL):

- (i) an undertaking that the provision of maintenance and related services is proceeding in accordance with the requirements of this Agreement or details of the reason such an undertaking cannot be given;
- (ii) the physical status of each Unit and item of Equipment in respect of its maintenance, including outstanding jobs list;
- (iii) analysis of each Unit Failure and each Failure (including information as to the root causes of any Unit Failure and Failure and trends in the condition of the Units) and details of preventative/corrective action taken to address any Unit Failure and/or Failure (including timescales taken to complete such work) in addition to the information provided in the Daily Performance Record provided by the SP pursuant to paragraph 11 of schedule E3 (Performance Regime);

- (iv) cleaning performance in addition to any information to be provided pursuant to the Performance Regime;
- (v) internal audit performance by reference to the requirements of clause 61 (Safety, Quality and Environmental Management Systems) of the Agreement;
- (vi) configuration and modification reports in a form agreed by the Parties and in connection with the operation of a configuration management system to be implemented by the SP (and approved by RfL) so as to ensure that the state of each Unit is known at all times;
- (vii) interpretative analysis of material supply performance (to include unsatisfied demand, failure analysis reports from original equipment manufacturers, statistical analysis of materials failure, recommendations for long term material stock levels);
- (viii) status of warranty claims (to include details of parts sent away for repair and their return dates);
- (ix) where applicable, details of the presence of any corrosion to the bodysells, underframes and underframe equipment and the measures that the SP has taken to correct it;
- (x) progress/cost/breakdown of any Additional Services provided in accordance with paragraph 3 (Additional Services) of this part 1;
- (xi) commentary on any activities where the SP considers that any problems may arise, including:
  - (A) the reason for the problem;
  - (B) the extent of the problem and the potential impact on the Availability and/or operation of the Units and/or any Equipment and the occurrence of Failure;
  - (C) the mitigation measures that the SP has taken or proposes to undertake to reduce the impact; and
  - (D) the measures taken, and the measures proposed, to prevent recurrence of the event which caused the problem and/or similar such events in the future;
- (xii) subject to any obligations of confidentiality to which the SP is subject, a section highlighting any defects, or design, maintenance or operational issues that have arisen:
  - (A) in respect of any analogous rolling stock maintained (or being maintained) by the SP that the SP reasonably considers may occur or otherwise affect the maintenance of the Units or any Equipment; or
  - (B) in respect of any related services provided (or being provided) by the SP in respect of any analogous rolling stock that the SP reasonably considers may occur or otherwise affect the Units or any Equipment; and
- (xiii) any other information reasonably required by RfL.



## 2.13 Other Standard Services

### (a) General engineering support and advice

The SP shall at all times provide RfL with such professional, engineering and technical support and advice in relation to the Services as RfL may reasonably require including: (i) enabling RfL to maintain and comply with all Relevant Approvals; (ii) enabling RfL to comply with the terms of the CTC's Safety Certificate; (iii) providing input to RfL in relation to Fault handling; and (iv) participating in Fault handling exercises and technically validating RfL training material.

### (b) Technical investigations

- (i) Without prejudice to the Fault Notification Procedure, upon a reasonable request by RfL to investigate any defects, Faults, incidents and accidents in relation to the Units, Vehicles, Equipment or the DOO CCTV System (including arising from relevant information provided by third parties), the SP shall undertake promptly (at its own cost) technical investigations in relation to such Units, Vehicles or Equipment or the DOO CCTV System.
- (ii) RfL shall provide driver reports to the SP in a timely manner and any further information that the SP reasonably requests and RfL is reasonably able to provide.
- (iii) The SP shall give RfL two Working Days' notice of any technical investigation it intends to carry out and shall allow up to two representatives of RfL to attend and observe the investigation. The SP shall provide written reports on the results of such investigations to RfL.
- (iv) If a technical investigation reveals a Fault, the SP shall take such action in respect of that Fault as required by the terms of this Agreement.

### (c) Maintenance Plan and Manuals Development

Without prejudice to the Change Procedure, the SP shall:

- (i) liaise with RfL to understand any concerns or problems RfL has with the Maintenance Plan, the Manuals and/or the In-Service Support Procedure and progress these to ensure that they are adequately addressed;
- (ii) develop, amend and/or update and validate maintenance examinations and supporting documentation as reasonably required by RfL from time to time;
- (iii) amend and/or update and validate the Maintenance Plan and Manuals to accommodate any changes to the working practices and procedures described therein which are adopted by the SP in the performance of its maintenance of the Units or Equipment;
- (iv) amend and/or update and validate the Maintenance Plan and Manuals to accommodate any changes to the working practices and procedures which result from any Modification to the Units, Vehicles, Equipment or Station Proprietary Items; and
- (v) amend, update and/or validate any manifest error or omission in the Maintenance Plan and/or Manuals.

**(d) Monitoring Changes in Law**

Without prejudice to the Change Procedure, the SP shall monitor all Changes in Law relating to rolling stock and related equipment and the DOO CCTV System which may affect the SP's ability to perform its obligations under this Agreement or require a Mandatory Modification and shall, promptly after becoming aware of such Change in Law, advise RfL accordingly.

**(e) Provision of technical services for Modifications**

The SP shall provide technical support services in respect of design Modifications and shall obtain the Relevant Approvals for (including from any relevant design authority) and implement Modifications in accordance with the Change Procedure.

**(f) RfL access to train data**

The SP shall provide to RfL unlimited, real time and historic access to all Train Management Systems, maintenance management systems and Fault data in respect of each Unit (and any management system information and data relating to the Simulator and the Station Proprietary Items), including relevant software and training of RfL's employees for the purpose of accessing and interpreting the train management and control systems, maintenance management systems and Fault data.

**(g) Movement of Units at Maintenance/Stabling Sites**

The SP shall provide staff who are competent and legally authorised to move Units within the OOC Depot and around and within Ilford Depot but shall not otherwise be required to provide staff to move Units at the Stabling Sites. RfL's suitably trained drivers shall be entitled to move Units to and from the Network to and from the Entry Points and Exit Points at the OOC Depot.

**3. THE ADDITIONAL SERVICES****3.1 The Additional Services**

- (a) If any Accepted Unit or item of Accepted Equipment (other than a Station Proprietary Item) has an RfL Fault or a Unit Failure has occurred as a direct result of an RfL Fault under paragraph 2.8 of this part 1, the SP shall promptly on becoming aware of such RfL Fault (and in any event within two Working Days) submit a written notice ("**Additional Services Notice**") to the CTOC Control Room and to RfL notifying RfL and the CTOC of such services, work or activities as are necessary to rectify such RfL Fault (the "**Additional Services**").
- (b) Additional Services may include without limitation:
- (i) removal of graffiti;
  - (ii) replacement of internal or external deliberately damaged glass;
  - (iii) replacement of broken fixtures and fittings caused by RfL, the CTOC or passenger misuse or abuse;
  - (iv) Unit repairs following in-service incidents other than in-service incidents caused by the SP or any Subcontractor; and
  - (v) Simulator repairs following incidents and/or damage caused by an RfL Fault,

to the extent directly resulting from an RfL Fault in each case. Each Additional Services Notice shall include all relevant details of the circumstances requiring such Additional Services and the details of the Additional Services required, including the information required to be included in the Request for Additional Services Authorisation (as defined in paragraph 3.2 of this part 1).

- (c) The SP shall use all reasonable endeavours to work with RfL in order to establish a solution to each RfL Fault which, so far as practicable, best meets RfL's requirements in terms of cost, minimising the effects on the Standard Services and the impact on the Train Plan and the Diagrams.
- (d) The SP shall provide DOO CCTV Additional Spares at the request of RfL at any time during the Services Period. The SP shall, following any such request, provide and deliver the DOO CCTV Additional Spares set out in the relevant request to RfL as soon as reasonably practicable, and clause 23.2 shall apply. The price to be paid by RfL for such DOO CCTV Additional Spares shall be as set out in appendix 1 of schedule E2 (Payment Mechanism) and shall be invoiced by the SP to RfL and paid by RfL at the end of the Railway Period following the Railway Period in which the invoice is received.

### 3.2 Request for Additional Services Authorisation

Each time the SP sends an Additional Services Notice in respect of Additional Services other than Generally Approved Additional Services, the SP shall, at the same time, submit a written request (each a **"Request for Additional Services Authorisation"**) to RfL requesting authority from RfL to undertake the relevant Additional Services and containing the information set out in paragraph 3.4 of this part 1 of schedule D1.

### 3.3 Generally Approved Additional Services

- (a) Subject to the SP (acting reasonably) being satisfied that the relevant Additional Service is a Generally Approved Additional Service, the SP shall as soon as reasonably practicable commence and diligently carry out and complete (without specific approval from RfL) any Additional Services, the cost (labour and materials) of which, calculated in accordance with the Agreed Rates as set out in appendix 1 to schedule E2 (Payment Mechanism), is less than £5,000 (indexed), provided that:
  - (i) the aggregate cost of all Additional Services carried out by the SP under this paragraph 3.3(a) shall not exceed £50,000 (indexed) per Railway Period or such other amount as agreed between the Parties from time to time, it being acknowledged that RfL may from time to time revise or reduce such amount upwards or downwards (including a reduction to nil) or further specify or restrict the nature of the work which may constitute Generally Approved Additional Services if it so chooses (acting in its absolute discretion) having provided ten Working Days' written notice of the date from which such change shall take effect;
  - (ii) the carrying out of that Additional Service will not result in the SP (in its reasonable opinion) applying for any relief under this Agreement; and
  - (iii) it is feasible to carry out the Additional Service in accordance with the Train Plan Parameters.
- (b) Where the SP carries out a Generally Approved Additional Service, it shall as soon as reasonably practicable and in any event within two Working Days of the date the SP commences such work, advise RfL of all relevant information required in respect of Additional Services in paragraph 3.4 of this part 1.

### 3.4 Information from SP: Additional Services

Each Request for Additional Services Authorisation shall detail, without limitation:

- (a) the identity and location of the affected Unit, Vehicle or item of Equipment;
- (b) the nature and extent of the requirement for the relevant Additional Service;
- (c) the SP's reasonable proposals for carrying out the relevant Additional Service required, including as appropriate:
  - (i) the period of time to undertake the relevant Additional Service (from the time the proposal is approved by RfL) and for the Unit or item of Equipment to become Fault Free (the "**Remedy Period**"). In proposing the duration of the Remedy Period for the relevant Additional Service the SP shall:
    - (A) take into consideration the SP's obligations pursuant to paragraph 3.1(b);
    - (B) propose such reasonable Remedy Period for carrying out the relevant Additional Service: (aa) as would be expected of a professional maintainer of trains taking into account all relevant factors (including the availability of staff, the capacity of the relevant maintenance facilities available to the SP, the workload of the SP and the availability of materials); and (bb) is consistent with the principle of prioritising the undertaking of the Additional Services amongst the different items so as to maximise, on a daily basis, the Availability of the Units;
  - (ii) any Parts to be replaced or refurbished;
  - (iii) any effects on the Spares which are held, or which it will be necessary or desirable to hold, following the completion of the relevant Additional Service and whether Additional Services Initial Spares will be used;
  - (iv) any effects on the Standard Services, the Train Plan, Simulator availability or the Diagrams and the extent to which the relevant Additional Services may result in the SP (acting reasonably) claiming any relief;
  - (v) the cost of the relevant Additional Service, calculated in accordance with the Agreed Rates, but recognising that where it is not possible to identify a fixed cost the SP will provide its best estimate of the costs and its proposed basis for calculating the actual cost;
  - (vi) the time when the affected Unit, Vehicle, Simulator or other item of Equipment would be rendered Fault Free and capable of being made available to RfL/CTOC (if any amendment is required to the then current Diagrams or Train Plan);
  - (vii) any restrictions or limitations which may apply to the affected Unit, Vehicle, Simulator or other item of Equipment pending carrying out the relevant Additional Service;
  - (viii) any additional track or other access requirements or safety requirements necessary to facilitate the carrying out of the relevant Additional Service;
  - (ix) the level of labour resources required to carry out the relevant Additional Service; and

- (x) the location where the Additional Service will be carried out.

Any damage to or Fault arising in any Unit, Vehicle, Simulator or other item of Equipment not notified to RfL within the time period specified in paragraph 3.3(b) shall be presumed conclusively to be outside the scope of Additional Services and not an RfL Fault.

### 3.5 **Approval of the Additional Services**

- (a) If RfL approves a Request for Additional Services Authorisation, RfL shall so notify the SP and on receipt of such notification the SP shall, as soon as reasonably practicable, commence and diligently carry out and complete that Additional Service in accordance with the approved Request for Additional Services Authorisation.
- (b) If RfL does not approve a Request for Additional Services Authorisation, then it shall so notify the SP in writing. In such circumstances, RfL may direct the SP to present the Unit for service at the Entry Point at the next Entry Time or make the Simulator available (as the case may be) notwithstanding the occurrence of any of the events referred to above, and in such circumstances the SP shall not be liable for any Adjustment pursuant to the Performance Regime in respect of such Unit or Simulator whilst the Allowable Relief Period continues in accordance with the Performance Regime.

### 3.6 **Costs**

All Additional Services shall be performed at the cost and expense of RfL and determined in accordance with paragraph 2.4 of schedule E2 (Payment Mechanism).

### 3.7 **Disputes**

If a Dispute arises as to whether any services, work or activities are a Standard Service, an Additional Service or a Generally Approved Additional Service, the SP shall carry out the relevant work without delay if requested to do so by RfL and the aggregate cost of the relevant services, work or activities is £10,000 (indexed) or less. Any such Disputes and any other Disputes relating to Additional Services shall be dealt with in accordance with the Dispute Resolution Procedure.

## 4. **CO-OPERATION AND LIAISON**

### 4.1 **Co-operation between Parties**

The Parties shall co-operate in order to ensure that each Party is able to comply with the terms of this Agreement and the SP also undertakes to cooperate with the CTOC so as to facilitate in the most efficient manner possible the carrying out by each of the Parties of its obligations under this Agreement and the performance of the Crossrail Services.

### 4.2 **Daily liaison**

- (a) The SP shall liaise on a daily basis with RfL and the CTOC in relation to the SP's requirements for scheduled and unscheduled maintenance of the Units.
- (b) The SP shall liaise on a weekly basis with RfL and the CTOC in relation to the SP's requirements for scheduled and unscheduled Simulator maintenance.

## 5. **STATE OF REPAIR**

The SP shall carry out an examination ("**Aesthetic Exam**") on each Vehicle at least once every 30 Working Days. When assessed at that time in accordance with paragraphs 1.2

and 2.2 in appendix 2 to this part 1 the Vehicle shall score eight or more ("**Aesthetic Exam Benchmark**").

## 6. EXTERIOR CLEANING

### 6.1 48-hour train wash

Subject to paragraph 6.3 of this part 1, the SP shall, in accordance with the Manuals, clean the exterior of each Vehicle in revenue earning service at least once every 48 hours ("**Train Wash**"). The SP shall assess the cleanliness at that time in accordance with paragraphs 1.1(a), 1.1(b) and 1.1(c) in appendix 2 to this part 1, and the Vehicle shall achieve:

- (a) a score of eight or more in paragraph 1.1(a) noting that assessment of the roof shall be limited to areas visible from a station platform;
- (b) a score of four or more in paragraph 1.1(b); and
- (c) a score of four or more in paragraph 1.1(c),

together the "**Train Wash Benchmark**".

The SP is not, without the prior agreement of RfL, permitted to amend the timings of any Diagram in the Train Plan to undertake exterior cleaning, and where it is agreed by RfL that exterior cleaning is undertaken during a Diagram the time taken to perform the exterior cleaning shall not exceed the time allowance set out in that Diagram.

### 6.2 Heavy Clean

The SP shall carry out a heavy clean of the exterior of each Vehicle in accordance with the Manuals at least once every 30 Working Days ("**Exterior Heavy Clean**"). The SP shall assess the cleanliness at that time in accordance with paragraphs 1.1(a) to 1.1(d) in appendix 2 to this part 1, and each Vehicle shall achieve:

- (a) a score of eight or more in paragraph 1.1(a);
- (b) a score of eight or more in paragraph 1.1(b);
- (c) a score of eight or more in paragraph 1.1(c); and
- (d) a score of eight or more in paragraph 1.1(d),

together the "**Exterior Heavy Clean Benchmark**".

### 6.3 Application

The SP is not required to comply with paragraphs 6.1 or 6.2 of this part 1 for those RLUs to be maintained and made Available by the SP in accordance with the Train Plan at the following Entry Points before the Liverpool Street High Level Platform Works Completion Date:

- (a) Gidea Park Stabling Site (Gidea Park carriage sidings);
- (b) Ilford Depot (Ilford EMU Depot); and
- (c) Shenfield Country End Sidings (Shenfield Eastern Sidings).

## 7. INTERIOR CLEANING

### 7.1 Heavy clean

The SP shall as a minimum carry out those heavy cleaning tasks specified in appendix 4 to this part 1 in each Vehicle in accordance with the Manuals at least once every 30 Working Days ("**Interior Heavy Clean**"). The SP shall assess the cleanliness at that time in accordance with paragraph 2.1 in appendix 2 to this part 1 and each of those tasks shall achieve a score of at least six and each Vehicle shall score an average of not less than eight for all of those tasks ("**Interior Heavy Clean Benchmark**").

### 7.2 Interior Daily Clean

The SP shall as a minimum carry out the daily cleaning tasks specified in appendix 4 to this part 1 in each Vehicle in accordance with the Manuals at least once every 24 hours ("**Interior Daily Clean**"). The SP shall assess the cleanliness at that time in accordance with paragraph 2.1 in appendix 2 to this part 1 and each of those tasks shall achieve a score of at least five and the Vehicle shall score an average of not less than seven for all of those tasks ("**Interior Daily Clean Benchmark**").

## 8. MINIMUM AESTHETIC CONDITION

"**Minimum Aesthetic Condition**" means, for any Unit:

that each Vehicle, when assessed against and in accordance with appendix 2 to this part 1 scores at least the minimum scores as set out below:

Appendix 2 paragraph	Appendix 2 attribute	Appendix 2 scoring Table	Minimum score
1.1	<b>external cleanliness</b>		
1.1(a)	cleanliness of external bodysides	1.1.1	4
1.1(b)	driving end	1.1.2	4
1.1(c)	intermediate bodyend	1.1.3	4
1.1(d)	underframe	1.1.4	4
1.2	<b>external state of repair</b>		
1.2(a)	scratched graffiti	1.2.1	4
1.2(b)	non scratched graffiti	1.2.2	4
1.2(c)	colour and gloss level	1.2.3	3
1.2(d)	corrosion, chips and scratches	1.2.4	4
2.1	<b>internal cleanliness</b>		
2.1(a)	internal cleanliness	2.1.1	2 for individual elements and an average of 5 for all elements
2.2	<b>internal state of repair</b>		
2.2(a)	scratched graffiti	2.2.1	4
2.2(b)	non scratched graffiti	2.2.2	4
2.2(c)	colour and gloss level	2.2.3	5
2.2(d)	corrosion, chips and scratches	2.2.4	4
2.2(e)	floor coverings	2.2.5	3
2.2(f)	labelling	2.2.6	4
2.2(g)	armrests	2.2.7	4
2.2(h)	handrails	2.2.8	6
2.2(i)	seats	2.2.9	4

## APPENDIX 1 TO PART 1

## Definition of Fit for Service, Fit to Remain in Service and Fit to Run

## Crossrail Class 345 Rolling Stock – Minimum Operating Requirements

The Units shall meet all standards mandated by the Rule Book (GE/RT8000) and in addition the specific provisions of the table below.

Fault exhibited in a Part	Column A Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site	Column B Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day	Column C Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?
<b>Air Supply</b>			
Only one compressor functioning	No	Yes : C	Only as permitted by RfL
More than one compressor failed	No	No	No
Compressor running continuously	1: No 2: Only as permitted by RfL	Only as permitted by RfL: D	Only as permitted by RfL
Air system cannot maintain minimum pressure	No	No	No
<b>Brakes</b>			
Dynamic Brake (rheostatic and/or regenerative) failed	Yes	Yes	Yes
Parking Brake defective or isolated	No	No	Only as permitted by RfL
<b>Cab Equipment and Controls</b>			
Broken 'tell tales' or seals on safety critical circuit switches or circuit breakers	No	No	Yes
Emergency equipment missing or damaged	No	No	Yes
Driving controls missing or damaged or not adequately illuminated	No	No	Yes
Driver's cab and instrument illumination not working	No	Only as permitted by RfL	Only as permitted by RfL



<b>Fault exhibited in a Part</b>	<b>Column A Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site</b>	<b>Column B Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day</b>	<b>Column C Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?</b>
In-cab CCTV display not operational for Driver Only Operation	No	No	Yes
Train Management System (TMS) display screen defective	1: No 2: Yes if redundant screen provided	Yes if redundant screen provided; otherwise only as permitted by RfL	Yes
Windscreen wiper (driver's side)	No	Only as permitted by RfL	Only as permitted by RfL
Windscreen wiper (trainer's side) defective	Only as permitted by RfL	Yes	Yes
<b>Cab Interior</b>			
Evidence of water ingress in cab	1: No 2: Only as permitted by RfL	Only as permitted by RfL	Only as permitted by RfL
Sun blind defective	1: No 2: Only as permitted by RfL	Only as permitted by RfL	Only as permitted by RfL
Driver's seat defective – does not move within range of adjustment	No	No	Only as permitted by RfL
Trainer's seat defective	Only as permitted by RfL	Yes	Yes
HVAC – cab outside of specified temperature range	Only as permitted by RfL	Only as permitted by RfL	Yes
HVAC unit exceeds specified noise level in the cab	Only as permitted by RfL	Only as permitted by RfL	Yes
HVAC ventilation defective	No	No	Yes
<b>Communication Systems</b>			
Public address system not working in more than one Vehicle	No	Yes: A, C B: Only as permitted by RfL	Yes
Pre-recorded announcements not working in	Only as permitted by RfL	Only as permitted by RfL	Yes

<b>Fault exhibited in a Part</b>	<b>Column A Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site</b>	<b>Column B Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day</b>	<b>Column C Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?</b>
more than one Vehicle			
Visual saloon displays defective	Only as permitted by RfL	Only as permitted by RfL	Yes
External visual displays defective	Only as permitted by RfL	Only as permitted by RfL	Yes
<b>Doors</b>			
Cab to saloon door damaged, unable to close, open or lock	No	No	Yes
Saloon Gangway door damaged, unable to close, open or lock (if provided at mid point of Unit)	Only as permitted by RfL	Only as permitted by RfL	Yes
Defective external passenger door adjacent to drivers cab in use	No	Yes: A, C No: B	Yes
Adjacent defective external passenger doors on the same side of the train	No	Yes: A, C; two doors No: A, 3 or more doors; No: B	Yes
Defective external passenger doors	No	Yes: C - up to two doors; three to five doors only as permitted by RfL No: more than five doors	Yes
<b>HVAC – Saloon</b>			
HVAC – Saloon above specified temperature range	No	A: Only as permitted by RfL. B: No	Yes
HVAC – Saloon below specified temperature range	1: No 2: Only as permitted by RfL	Only as permitted by RfL	Yes
HVAC unit exceeds specified noise level in the saloon	Only as permitted by RfL	Yes	Yes



<b>Fault exhibited in a Part</b>	<b>Column A Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site</b>	<b>Column B Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day</b>	<b>Column C Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?</b>
HVAC ventilation defective in whole train	No	Yes: C only as permitted by RfL	Yes
HVAC ventilation defective in no more than one Vehicle	No	Yes: C	Yes
HVAC A/C defective in whole Unit	No	Yes: C	Yes
HVAC A/C defective in one Vehicle	Only as permitted by RfL	Yes: C Only as permitted by RfL: D	Yes
<b>Lighting – Internal</b>			
Emergency Lighting	No	No	Yes
More than 25% of lighting defective in one Vehicle	1: No 2: Only as permitted by RfL	Only as permitted by RfL	Yes
<b>Saloon Interior</b>			
Seat damaged – risk of cutting, abrasion or trapping	No	Only as permitted by RfL	Yes
Equipment cubicle cannot be locked	No	Only as permitted by RfL	Yes
Floor damaged – trip hazard	No	Only as permitted by RfL	Only as permitted by RfL
Saloon CCTV defective – all cameras defective in one Vehicle (Driver has no image on single Vehicle)	No	Yes: D As permitted by RfL	Yes
Saloon grab rails/handles damaged – risk of cutting, abrasion ,trapping or failure under normal load	No	Only as permitted by RfL	Yes
Saloon draught screen broken (no broken glass present)	1: No 2: Yes as permitted by RfL	Yes: as permitted by RfL	Yes

<b>Fault exhibited in a Part</b>	<b>Column A Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site</b>	<b>Column B Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day</b>	<b>Column C Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?</b>
Evidence of water leaks in saloon environment	1: No 2: Only as permitted by RfL	Only as permitted by RfL	Yes
Cover missing from emergency device (e.g. door egress handle/passenger alarm unit)	1: No 2: Only as permitted by RfL	Yes	Yes
<b>Traction and Auxiliary Supply</b>			
Partial loss of tractive effort but able to restart on worst gradient	1: No 2: Only as permitted by RfL	Yes but remove from service at the first appropriate opportunity	Yes
Partial loss of tractive effort; unable to restart on worst gradient	No	No	Only as permitted by RfL
Auxiliary power supply output degraded	1: No 2: Only as permitted by RfL	Only as permitted by RfL No: B	Only as permitted by RfL
<b>Underframe and Bogie</b>			
Auto Coupler defective	1: No 2: Yes	Yes : D	Yes
Wheel Flats and wheel tread defects– severe (out of specification)	No	No	Only as permitted by RfL
Wheel Flats – serious (excessive noise or vibration out of specification)	No	No	Only as permitted by RfL
Wheel Flats – slight (within specification)	Yes –but remove from service at the first appropriate opportunity	Yes but remove from service at the first appropriate opportunity	Yes
Primary suspension unit defective	No	No	Only as permitted by RfL
Secondary suspension air bag defective	No	Yes: C	Only as permitted by RfL
Equipment case cover missing	No	No	Yes



<b>Fault exhibited in a Part</b>	<b>Column A</b> Does the Unit meet the standard required for it to be Fit for Service? Qualifications: 1 – Entry into service from a maintenance depot  2 – Entry into service from a Stabling Site	<b>Column B</b> Does the Unit meet the standard required for it to be Fit to Remain in Service? Qualifications: A – Network Sections and Heathrow Spur (surface) B – Central Section and Heathrow Spur (tunnels) C – Completion of current journey only D – Remain in service for rest of the day	<b>Column C</b> Does the Unit meet the standard required for it to be Fit to Run, not in passenger service?
<b>Fire detection system</b>			
Fire detection system TCMS	1: No 2: Yes	B: Only if permitted by RfL	Yes
<b>Automatic Train Operation</b>			
CBTC equipment	No	Only as permitted by RfL	Only as permitted by RfL

## APPENDIX 2 TO PART 1

### Aesthetic Condition Standards

#### DEFINITIONS

In this appendix 2 the following words and expressions shall have the following meanings:

**"Extensive"** means the area of coverage of the aesthetic defect is greater than 33 per cent. but less than 66 per cent. of the area being assessed;

**"Extremely"** means the area of coverage of the aesthetic defect is equal to or greater than 66 per cent. of the area being assessed;

**"Graffiti"** means painted, written, sprayed or scratched graffiti and/or stickers; and

**"Spotlessly Clean"** means the area being assessed has no evidence of dirt or streaking caused by poor rinsing and the finish is not dulled.

#### 1. EXTERNAL CONDITION

##### 1.1 External Cleanliness of a Unit

###### (a) Bodysides and Roof: Assessment Procedure

Assess the bodysides and roof of each Vehicle as follows:

- (i) identify the condition of the exterior of the bodysides and roof of the Vehicle including but not limited to the windows of the Vehicle;
- (ii) do not include Graffiti and other damage not covered by Table 1.1.1 below; and
- (iii) score the Vehicle in accordance with Table 1.1.1.

**Table 1.1.1: Bodysides and Roof Scoring Matrix**

Condition	Score
(a) Spotlessly Clean	10
<i>Condition falls between (a) and (b)</i>	9
(b) Very clean appearance, i.e. no dirt noticeable but "dull" not shiny	8
<i>Condition falls between (b) and (c)</i>	7
(c) Generally clean, i.e. some minor marks, dust, dirt or "streaking"	6
<i>Condition fall between (c) and (d)</i>	5
(d) Many dirty marks	4
<i>Condition falls between (d) and (e)</i>	3
(e) Extensive dirt, including door steps or door controls having inadequate contrast with their surroundings, or visibility of platform signs through windows reduced	2
<i>Condition falls between (e) and (f)</i>	1
(f) Extremely dirty with risk of soiling upon contact or any stain caused by striking of birds, animals or humans or by lubricants, or visibility through windows very poor	0

**(b) Driving End: Assessment Procedure**

Assess the driving end of each Vehicle as follows:

- (i) identify the condition of the exterior of the driving end of the Vehicle including but not limited to the windows of the Vehicle;
- (ii) do not include Graffiti and other damage not covered by Table 1.1.2 below; and
- (iii) score the Vehicle in accordance with Table 1.1.2 below.

**Table 1.1.2: Driving End Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) Spotlessly Clean	10
<i>Condition falls between (a) and (b)</i>	9
(b) Very clean appearance, i.e. no dirt noticeable but "dull" not shiny	8
<i>Condition falls between (b) and (c)</i>	7
(c) Generally clean, i.e. some minor marks, dust, dirt or "streaking" or "flystrike"	6
<i>Condition fall between (c) and (d)</i>	5
(d) Many dirty marks or areas of "flystrike" but visibility through cab windscreens unaffected and visibility of the Unit from the front (afforded by areas painted "warning yellow", if used, and lights) not affected.	4
<i>Condition falls between (d) and (e)</i>	3
(e) Extensive dirt or Extensive "flystrike" or any stain caused by the train striking birds	2
<i>Condition falls between (e) and (f) or (g)</i>	1
(f) Extremely dirty with risk of soiling upon contact or any stain caused by the striking of animals or humans or by lubricants	0
(g) Dirt or detritus on windscreen (affecting visibility through cab windscreens), or areas painted "warning yellow" (if used) or lights (affecting visibility of the Unit from the front).	0

**(c) Intermediate Bodyend: Assessment Procedure**

Assess the intermediate bodyend of each Vehicle as follows:

- (i) identify the condition of the exterior of the intermediate bodyend of the Vehicle including the flexible gangway between the Vehicles;
- (ii) do not include Graffiti and other damage not covered by Table 1.1.3 below; and
- (iii) score the Vehicle in accordance with Table 1.1.3 below.

**Table 1.1.3: Intermediate Bodyend Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) Spotlessly Clean	10
<i>Condition falls between (a) and (b)</i>	9
(b) Very clean appearance, i.e. no dirt noticeable but "dull" not shiny	8
<i>Condition falls between (b) and (c)</i>	7
(c) Generally clean, i.e. some minor marks, dust, dirt or	6

Condition	Score
"streaking"	
<i>Condition fall between (c) and (d)</i>	5
(d) Many dirty marks	4
<i>Condition falls between (d) and (e)</i>	3
(e) Extensive dirt	2
<i>Condition falls between (e) and (f)</i>	1
(f) Extremely dirty with risk of soiling upon contact	0

(d) **Underframe: Assessment Procedure**

Assess the underframe of each Vehicle as follows:

- (i) identify the condition of the underframe of the Vehicle;
- (ii) do not include Graffiti and other damage not covered by Table 1.1.4 below; and
- (iii) score the Vehicle in accordance with Table 1.1.4 below.

**Table 1.1.4: Underframe Scoring Matrix**

Condition	Score
(a) Light patina of dirt and no Graffiti removal staining (staining from Graffiti removal chemicals washed off liveried areas of Vehicle)	10
<i>Condition falls between (a) and (b)</i>	8
(b) Some Graffiti removal staining or Extensive dirt	4
<i>Condition falls between (b) and (c)</i>	3
(c) Debris from the train striking a bird or Extensive Graffiti removal staining	2
<i>Condition fall between (c) and (d)</i>	1
(d) Extremely dirty or heavily stained by Graffiti removal or any human or animal debris	0

1.2 **External State of Repair**(a) **External level of Scratched Graffiti: Assessment Procedure**

Assess the external level of scratched Graffiti on each Vehicle as follows:

- (i) identify all scratched Graffiti but not other (painted) Graffiti on the exterior of the Vehicle, wherever it is on the exterior of the Vehicle including but not limited to any windows, glass panels, paintwork and decals; and
- (ii) score the Vehicle as follows:
  - (A) if any offensive or derogatory Graffiti or any damaged Logo or branding to the extent that it is unrecognisable has been identified under paragraph 1.2(a)(i), score the Vehicle in accordance with Table 1.2.1(a); or
  - (B) if no offensive or derogatory Graffiti or damaged Logo or branding to the extent that it is unrecognisable has been identified under paragraph 1.2(a)(i) find the worst area (1 square metre) of the Vehicle affected by Graffiti which has been identified under that paragraph (if any). Estimate how many A5 areas are needed to cover



up all the Graffiti so identified (if any) and score the Vehicle in accordance with Table 1.2.1 below.

**Table 1.2.1: External Level of Scratched Graffiti Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) No scratched Graffiti whatsoever	10
<i>Condition falls between (a) and (b)</i>	9
(b) One area of scratched Graffiti of up to 4 inches (i.e. equal to two LUL Travelcards)	8
<i>Condition falls between (b) and (c)</i>	7
(c) 2 A5 size areas to cover all the scratched Graffiti on the worst area of the Vehicle	6
<i>Condition fall between (c) and (d)</i>	5
(d) 4 A5 size areas to cover all the scratched Graffiti on the worst area of the Vehicle	4
<i>Condition falls between (d) and (e)</i>	3
(e) 8 A5 size areas to cover all the scratched Graffiti on the worst area of the Vehicle	2
<i>Condition falls between (e) and (f)</i>	1
(f) 12 or more A5 size areas to cover all the scratched Graffiti on the worst area of the Vehicle	0
(g) Any offensive or derogatory Graffiti regardless of size of area	0
(h) Any Logo or branding damaged to the extent it is unrecognisable (regardless of size of area)	0

(b) **External Level of Other (non-scratched) Graffiti: Assessment Procedure**

Assess the external level of non-scratched Graffiti on each Vehicle as follows:

- (i) identify all Graffiti which is not scratched Graffiti, including but not limited to any painted, written or sprayed Graffiti, stickers, marks where Graffiti has been, wherever it is on the exterior of the Vehicle including but not limited to any windows, glass panels, paintwork, decals and inter Vehicle gangways; and
- (ii) score the Vehicle as follows:
  - (A) if any offensive or derogatory Graffiti or any damaged Logo or branding to the extent that it is unrecognisable has been identified under paragraph 1.2(b)(i), score the Vehicle in accordance with Table 1.2.2; or
  - (B) if no offensive or derogatory Graffiti or damaged Logo or branding to the extent that it is unrecognisable has been identified under paragraph 1.2(b)(i) find the worst area (one square metre) of the Vehicle affected by Graffiti which has been identified under that paragraph (if any). Estimate how many A5 areas are needed to cover up all the Graffiti so identified (if any) and score the Vehicle in accordance with Table 1.2.2 below.

**Table 1.2.2: External Level of Other (non-scratched) Graffiti Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) No sprayed, painted or written Graffiti whatsoever	10

<b>Condition</b>	<b>Score</b>
(no marks)	
<i>Condition falls between (a) and (b)</i>	9
(b) No Graffiti but there are marks where previously present in the worst area of the Vehicle	8
<i>Condition falls between (b) and (c)</i>	7
(c) 2 A5 size areas to cover all the non-scratched Graffiti on the worst area of the Vehicle	6
<i>Condition fall between (c) and (d)</i>	5
(d) 4 A5 size areas to cover all the non-scratched Graffiti on the worst area of the Vehicle	4
<i>Condition falls between (d) and (e)</i>	3
(e) 8 A5 size areas to cover all the non-scratched Graffiti on the worst area of the Vehicle	2
<i>Condition falls between (e) and (f)</i>	1
(f) 12 or more A5 size areas to cover all the non-scratched Graffiti on the worst area of the Vehicle	0
(g) Any offensive or derogatory Graffiti (regardless of size of area)	0
(h) Any Logo or branding damaged to the extent it is unrecognisable (regardless of size of area)	0

(c) **Colour and Gloss Level: Assessment Procedure**

Assess the colour and gloss level of each Vehicle as follows:

- (i) identify the level of colour and gloss on the exterior of the Vehicle; and
- (ii) score the Vehicle in accordance with Table 1.2.3 below.

**Table 1.2.3: Colour and Gloss Level Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) Gloss level at the maximum level defined on the reference sample and homogeneous. No discolouration or fading when compared with the colour-match reference sample	10
<i>Condition falls between (a) and (b)</i>	8
(b) Gloss level within the maximum and minimum limits (as defined by the reference samples). Slight but homogeneous discolouration	6
<i>Condition falls between (b) and (c)</i>	5
(c) Gloss level with the maximum and minimum limits (as defined by the reference samples). Slight non homogeneous discolouration	3
<i>Condition fall between (c) and (d)</i>	2
(d) Gloss level lower than the minimum level on the reference samples. Excessive homogeneous or non homogeneous discolouration	0

(d) **Surface corrosion/Paint Chips/Scratches: Assessment Procedure**

Assess the external level of corrosion, chipped paint and scratching on each Vehicle as follows:

- (i) identify all corrosion, chips, scratches (but not scratched Graffiti) and/or dents revealing undercoat or metal substrate on the exterior of the Vehicle; and
- (ii) score the Vehicle as follows:
  - (A) find the worst area of one (1) square metre or more of the Vehicle affected by corrosion, chips, scratches and/or dents identified under paragraph 1.2(d)(i) (if any). Estimate how many A5 areas are needed to cover up all the corrosion, chips, scratches or dents revealing undercoat or metal substrate identified under paragraph 1.2(d)(i) above (if any) and score the Vehicle in accordance with Table 1.2.4 below.

**Table 1.2.4: Surface Corrosion/Paint Chips/Scratches Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) No corrosion, chips or scratches or dents revealing undercoat or metal substrate	10
<i>Condition falls between (a) and (b)</i>	9
(b) No corrosion, chips or scratches or dents revealing undercoat or metal substrate but patch repairs made and not visible from 5m	8
<i>Condition falls between (b) and (c)</i>	7
(c) 2 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 5m	6
<i>Condition fall between (c) and (d)</i>	5
(d) 4 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 5m	4
<i>Condition falls between (d) and (e)</i>	3
(e) 8 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 5m	2
<i>Condition falls between (e) and (f)</i>	1
(f) 12 or more A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs greater than A6 size from 10m	0
(g) Any Logo or branding damaged to the extent that it is unrecognisable (regardless of size of area)	0

## 2. INTERNAL CONDITION

### 2.1 Internal Cleanliness of a Unit

- (a) Assessment of the interior condition of each Vehicle shall be carried out as follows:
  - (i) identify the condition of the interior of the Vehicle for each of the elements described in column A of appendix 4 to this part 1;
  - (ii) score each element in accordance with Table 2.1.1;

- (iii) calculate the average score for all elements, per Vehicle; and
- (iv) do not include interior Graffiti and other damage (which shall be dealt with in paragraph 2.2 below).

**Table 2.1.1: Interior Cleaning Schedule Task Scoring Matrix**

(a) Spotlessly Clean and no chewing gum, litter or detritus	10
<i>Condition falls between (a) and (b)</i>	9
(b) Very clean appearance, i.e. no noticeable chewing gum, dirt, stains, fluff dust or cleaning streaks noticeable and no litter or detritus.	8
<i>Condition falls between (b) and (c)</i>	7
(c) Generally clean, i.e. some minor ingrained dirt or stains, chewing gum residue, fluff, dust or cleaning streaks but no litter or detritus.	6
<i>Condition fall between (c) and (d)</i>	5
(d) Many ingrained dirty marks or stains, chewing gum residue, fluff, dust or cleaning streaks but no litter or detritus. Seat upholstery and floors dry.	4
<i>Condition falls between (d) and (e)</i>	3
(e) Extensive ingrained dirt or stains, fluff, dust or cleaning streaks or some litter or detritus, or many spots of chewing gum. Interior glazing and window interiors greasy or dirty.	2
<i>Condition falls between (e) and (f)</i>	1
(f) Extremely dirty with risk of soiling upon contact or widespread litter or detritus. Any bio-hazard not removed and neutralised.	0

## 2.2 Internal State of Repair

### (a) Internal Level of Scratched Graffiti: Assessment Procedure

Assess the internal level of scratched Graffiti in each Vehicle as follows:

- (i) identify all scratched Graffiti but not other (painted) Graffiti on the interior of the Vehicle wherever it is on the Vehicle including but not limited to any windows, glass panels and paintwork; and
- (ii) score the Vehicle as follows:
  - (A) if any offensive Graffiti has been identified under paragraph 2.2(a)(i), score the Vehicle in accordance with Table 2.2.1; or
  - (B) if no offensive Graffiti has been identified under paragraph 2.2(a)(i) find the worst area (one square metre) of the Vehicle affected by the Graffiti identified under that paragraph (if any). Estimate how many A5 areas are needed to cover up all the Graffiti so identified (if any) and score the Vehicle in accordance with Table 2.2.1 below.

**Table 2.2.1: Internal Level of Scratched Graffiti Scoring Matrix**

Condition	Score
(a) No scratched Graffiti whatsoever	10
<i>Condition falls between (a) and (b)</i>	9
(b) One very small area of scratched Graffiti, up to 4 inches (the size of two LUL Travelcards) in the worst	8

<b>Condition</b>	<b>Score</b>
area of the Vehicle	
<i>Condition falls between (b) and (c)</i>	7
(c) 2 A5 size areas to cover all the scratched Graffiti in the worst area of the Vehicle	6
<i>Condition fall between (c) and (d)</i>	5
(d) 4 A5 size areas to cover all the scratched Graffiti in the worst area of the Vehicle	4
<i>Condition falls between (d) and (e)</i>	3
(e) 8 A5 size areas to cover all the scratched Graffiti in the worst area of the Vehicle	2
Condition falls between (e) and (f)	1
(f) Any offensive Graffiti (regardless of size of area)	0

(b) **Internal Level of Other (non-scratched) Graffiti: Assessment Procedure**

Assess the internal level of scratched Graffiti in each Vehicle as follows:

- (i) identify all Graffiti which is not scratched Graffiti, including but not limited to painted, written or sprayed Graffiti, stickers, marks where Graffiti has been removed on the interior of the Vehicle wherever it is on the Vehicle including but not limited to any windows, glass panels and paintwork; and
- (ii) score the Vehicle as follows:
  - (A) if any offensive Graffiti has been identified under paragraph 2.2(b)(i), score the Vehicle in accordance with Table 2.2.2; or
  - (B) if no offensive Graffiti has been identified under paragraph 2.2(b)(i) find the worst area (one square metre) of the Vehicle affected by Graffiti identified under that paragraph (if any). Estimate how many A5 areas are needed to cover up all the Graffiti so identified (if any) and score the Vehicle in accordance with Table 2.2.2 below.

**Table 2.2.2: Internal Level of Other (non-scratched) Graffiti Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) No sprayed, painted or written Graffiti whatsoever. No marks where previously present	10
<i>Condition falls between (a) and (b)</i>	9
(b) No Graffiti but there are marks where previously present in the worst area of the Vehicle	8
<i>Condition falls between (b) and (c)</i>	7
(c) 2 A5 size areas to cover all the non-scratched Graffiti in the worst area of the Vehicle	6
<i>Condition fall between (c) and (d)</i>	5
(d) 4 A5 size areas to cover all the non-scratched Graffiti in the worst area of the Vehicle	4
<i>Condition falls between (d) and (e)</i>	3
(e) 8 A5 size areas to cover all the non-scratched Graffiti in the worst area of the Vehicle	2
Condition falls between (e) and (f)	1
(f) 12 or more A5 size areas to cover all the non-scratched Graffiti in the worst areas of the Vehicle	0
(g) Any offensive Graffiti (regardless of size of area)	0

(c) **Colour and Gloss Level: Assessment Procedure**

Assess the level of gloss and colour in each Vehicle as follows:

- (i) identify the level of colour and gloss on the interior of the Vehicle; and
- (ii) score the Vehicle in accordance with Table 2.2.3 below.

**Table 2.2.3: Colour and Gloss Level Assessment Procedure Scoring Matrix**

<b>Condition</b>		<b>Score</b>
(a)	Gloss level at the maximum level defined on the reference sample and homogeneous. No discolouration or fading when compared with the colour-match reference sample	10
	<i>Condition falls between (a) and (b)</i>	8
(b)	Gloss level within the maximum and minimum limits (as defined by the reference samples). Slight but homogeneous discolouration	6
	<i>Condition falls between (b) and (c)</i>	5
(c)	Gloss level with the maximum and minimum limits (as defined by the reference samples). Slight non homogeneous discolouration	3
	<i>Condition fall between (c) and (d)</i>	2
(d)	Gloss level lower than the minimum level on the reference samples. Excessive homogeneous or non homogeneous discolouration	0

(d) **Surface Corrosion/Paint Chips/Scratches: Assessment Procedure**

Assess the internal level of corrosion, chipped paint and scratching or denting in each Vehicle as follows:

- (i) identify all corrosion, chips, scratches (but not scratched Graffiti) and/or dents revealing undercoat or metal substrate on the interior of the Vehicle; and
- (ii) score the Vehicle as follows:

find the worst area of one square metre or more of the Vehicle affected by corrosion, chips, scratches and/or dents identified under paragraph 2.2(d)(i). Estimate how many A5 areas are needed to cover up all the corrosion, chips, scratches or dents revealing undercoat or metal substrate identified under paragraph 2.2(d)(i) above and score the Vehicle in accordance with Table 2.2.4 below.

**Table 2.2.4: Surface Corrosion/Paint Chips/Scratches Scoring Matrix**

<b>Condition</b>		<b>Score</b>
(a)	No corrosion, chips or scratches or dents revealing undercoat or metal substrate	10
	<i>Condition falls between (a) and (b)</i>	9
(b)	No corrosion, chips or scratches or dents revealing undercoat or metal substrate but patch repairs made and not visible from 2m	8
	<i>Condition falls between (b) and (c)</i>	7

<b>Condition</b>	<b>Score</b>
(c) 1 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 2m	6
<i>Condition fall between (c) and (d)</i>	5
(d) 2 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 2m	4
<i>Condition falls between (d) and (e)</i>	3
(e) 4 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs not visible from 2m	2
Condition falls between (e) and (f)	1
(f) More than 4 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoats or metal substrate on the worst area of the Vehicle and any patch repairs greater than A7 size from 2m	0

(e) **Floor Coverings: Assessment Procedure**

Assess the state of the floor covering in each Vehicle in accordance with the following procedure:

- (i) identify the state of the floor covering in the Vehicle; and
- (ii) score the Vehicle in accordance with Table 2.2.5 below.

**Table 2.2.5: Floor Coverings Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) No delamination, bubbles or ripples	10
<i>Condition falls between (a) and (b)</i>	9
(b) No delamination, bubbles or ripples but patch repairs made and not visible from 2m	8
<i>Condition falls between (b) and (c)</i>	7
(c) 1 A5 size areas to cover all the delamination, bubbles or ripples in the worst area of the Vehicle and any patch repairs not visible from 2m	6
<i>Condition fall between (c) and (d)</i>	5
(d) 2 A5 size areas to cover all delamination, bubbles or ripples in the worst area of the Vehicle and any patch repairs not visible from 2m	4
<i>Condition falls between (d) and (e)</i>	3
(e) Either 4 A5 size areas to cover all delamination, bubbles or ripples in the worst area of the Vehicle or any patch repairs greater than A6 size visible from 2m	2
<i>Condition falls between (e) and (f)</i>	1
(f) Either more than 4 A5 size areas to cover all the corrosion, chips scratches or dents revealing undercoat or metal substrate in the worst area of the Vehicle or any patch repairs greater than A6 size visible from 4m	0

**(f) Labelling: Assessment Procedure**

Assess the labelling on the interior of each Vehicle in accordance with the following procedure:

- (i) identify the state of the labelling in the Vehicle; and
- (ii) score the Vehicle in accordance with Table 2.2.6 below.

**Table 2.2.6: Labelling Scoring Matrix**

Condition	Score
(a) No labelling missing, damaged or defaced	10
(b) 1 label missing, damaged or defaced in any Vehicle	8
(c) 2 labels missing, damaged or defaced in any Vehicle	6
(d) 3 labels missing, damaged or defaced in any Vehicle	4
(e) More than 3 labels missing, damaged or defaced in any Vehicle	2
(f) Any mandatory labelling (including safety and RVAR labelling) missing or rendered illegible by damaged or defacing	0

**(g) Condition of Arm Rests between Seats: Assessment Procedure**

Assess the presence, proper positioning (e.g., not loose or bent) and condition of the arm rests in each Vehicle in accordance with the following procedure:

- (i) identify the presence, positioning and condition of the arm rests in the Vehicle including the absence of any which should be there; and
- (ii) score the Vehicle in accordance with Table 2.2.7 below.

**Table 2.2.7: Condition of Arm Rests between Seats Scoring Matrix**

Condition	Score
(a) All are in place, intact, in good condition, and with no scratches	10
<i>Condition falls between (a) and (b)</i>	9
(b) All are in place but with minor scratches or chips	8
<i>Condition falls between (b) and (c)</i>	6
(c) One missing	4
<i>Condition fall between (c) and (d)</i>	3
(d) Two or more missing or substantially damaged	2
<i>Condition falls between (d) and (e)</i>	1
(e) Five or more missing or substantially damaged	0

**(h) Condition of Hand Rails and Hangers: Assessment Procedure**

Assess the existence, positioning and condition of hand rails and hangers, other rails and straps in each Vehicle in accordance the following procedure:

- (i) identify the presence, positioning and condition of the hand rails and hangers, other rails and straps in the Vehicle including the absence of any which should be there; and
- (ii) score the Vehicle in accordance with Table 2.2.8 below.



**Table 2.2.8: Condition of Hand Rails and Hangers Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) All are in place, intact, in good condition, and with no scratches	10
<i>Condition falls between (a) and (b)</i>	9
(b) All are in place but with minor scratches or chips	8
<i>Condition falls between (b) and (c)</i>	6
(c) One missing or substantially damaged (e.g. stretched or bent out of shape)	4
<i>Condition fall between (c) and (d)</i>	3
(d) Two or four missing or substantially damaged (e.g. stretched or bent out of shape)	2
<i>Condition falls between (d) and (e)</i>	1
(e) Five or more missing or substantially damaged (e.g. stretched or bent out of shape)	0

**(i) Condition of Train Seats: Assessment Procedure**

Assess the condition of the seating in each Vehicle in accordance the following procedure:

- (i) identify the condition of the seating in the Vehicle taking into account all aspects of seating;
- (ii) do not include cleanliness; and
- (iii) score the Vehicle in accordance with Table 2.2.9 below.

**Table 2.2.9: Condition of Train Seats Scoring Matrix**

<b>Condition</b>	<b>Score</b>
(a) All in as new condition. No detached upholstery components	10
<i>Condition falls between (a) and (b)</i>	9
(b) All in good condition but with slight fading. No detached upholstery components	8
<i>Condition falls between (b) and (c)</i>	7
(c) Some evidence of wear (e.g. worn upholstery). No detached upholstery components. No repairs evident	6
<i>Condition fall between (c) and (d)</i>	5
(d) General evidence of wear or evidence of repairs. No detached upholstery	4
<i>Condition falls between (d) and (e)</i>	3
(e) Extensive wear or unrepaired rips less than 2.5cm in length or cigarette burns on more than 10 per cent. of seats. No detached upholstery components	2
<i>Condition fall between (e) and (f)</i>	1
(f) More than 5 per cent. of seats Extremely worn or with unrepaired rips longer than 2.5m Detached Upholstery components	0

3. **GENERAL**

Each Party acknowledges and agrees that any reference to standards or samples referred to in this appendix 2 shall be agreed between the Parties no later than 25 weeks prior to Provisional Acceptance of the first Unit to be Accepted.

## **APPENDIX 3 TO PART 1**

### **Refurbishments**

1. The SP shall refurbish the Units and Vehicles periodically which shall include but not be limited to:
  - 1.1 replacement of saloon floor coverings including vestibules and gangways no later than 15 years from Provisional Acceptance of such Unit;
  - 1.2 replacement of soft furnishings no later than seven years from Provisional Acceptance of such Unit and every seven years thereafter;
  - 1.3 re-paint/re-finish of interior hard surfaces, vestibule surrounds, exterior door interior panels no later than 10 years from the date of Provisional Acceptance of such Unit and every 10 years thereafter;
  - 1.4 re-paint/re-finish of cab interior panelling no later than 15 years from Provisional Acceptance of such Unit;
  - 1.5 re-paint/re-finish of saloon interior ceiling panels no later than 15 years from Provisional Acceptance of such Unit; and
  - 1.6 re-paint exteriors and carry out re-livery (for the avoidance of doubt the SP shall undertake one repaint/re-livery of each Unit no later than 15 years from Provisional Acceptance of such Unit).
2. The refurbishments listed in paragraph 1 above shall be undertaken on at least a like-for-like basis provided that the SP shall offer and, if approved by RfL, incorporate any technical enhancements if such technical enhancements are available at no additional cost to the SP compared to a like-for-like refurbishment.

## APPENDIX 4 TO PART 1

## Interior Cleaning Schedule and Cleaning Tasks

	Column A	Column B	Column C		Column D
	Element	Cleaning task to be undertaken in Interior Cleaning Schedule as marked * in Column C	Daily	Heavy	Task Objective
<b>1.</b>	<b>Seats (including driving cabs)</b>				
1.1		Seat hard surfaces cleaned	*	*	Un-upholstered surfaces including armrests, seat backs, cup holders and tables and grab handles clean.
1.2		Seat frames (under seats and under upholstery) clean		*	Cushions and squabs removed and framework clean. Fluff, detritus and excessive dust removed from under seat areas exposed by seat upholstery removal.
1.3		Replace heavily soiled removable seat covers & headrests	*	*	No soiling (including chewing gum) that could transfer to passenger's clothing.
1.4		Vacuum seat covers	*		Seat cushion, squabs, armrest upholstery and headrests free of loose dirt, fluff, lint and detritus.
1.5		Steam clean and dry or dry clean in situ, or launder seat covers		*	Removable seat covers replaced with clean laundered covers, or steam or dry cleaned in situ to clean laundered standard.
1.6		Clear seats of litter	*	*	No litter or loose detritus.
<b>2.</b>	<b>Floors (including driving cabs)</b>				
2.1		Clear floor of litter. Includes under seats and in inter-Vehicle gangways	*	*	No litter or loose detritus.
2.2		Floor mopped. Includes under seat areas and in inter-Vehicle gangways	*		Clean appearance with the exception of ingrained stains and dirt not removable by light mopping. Floor dry.
2.3		Mechanically clean floors, dry and apply surface treatment material ( <i>if specified</i> ). Includes under seat areas and in inter-Vehicle gangways		*	Clean appearance with no ingrained dirt. Floor dry, not slippery and no transfer of any floor treatment material sealant to passengers' personal effects. No dirt

	Column A	Column B	Column C		Column D
	Element	Cleaning task to be undertaken in Interior Cleaning Schedule as marked * in Column C	Daily	Heavy	Task Objective
					in corners or visible crevices.
<b>3.</b>	<b>Bodyside Doors (including driving cabs)</b>				
3.1		Clean door internal surfaces including glazing and rubber seals	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping. No dirt transferable to passengers.
3.2		Clean door internal surfaces including glazing and rubber seals		*	Clean appearance with no ingrained stains or dirt.
3.3		Clean door pockets ( <i>if present</i> )		*	Inside of door pockets clear of detritus. Areas inside door pocket visible to passengers of clean appearance. Door pocket glazing (if present) clean on both surfaces.
3.4		Clean door apparatus and door seals		*	Door apparatus and door seals visible to passengers when doors are open of clean appearance.
3.5		Clean door step (inside and outside door)		*	Clean appearance with high visibility markings providing good contrast.
<b>4.</b>	<b>Luggage Racks</b>				
4.1		Clear luggage racks of litter	*	*	No litter or loose detritus.
4.2		Clean luggage racks (internal and external)	*	*	Clean appearance. No transfer of dirt to passengers' personal effects.
<b>5.</b>	<b>Glazing (including driving cabs)</b>				
5.1		Clean the inside surfaces of passenger area windows	*	*	Clean and non-greasy appearance.
5.2		Using specialist materials clean the inside surface of cab windscreens	*	*	Clean appearance. No scratching or damage to anti-spall covering.
5.3		Clean draught screen glass	*	*	Clean and non-greasy appearance.
<b>6.</b>	<b>Hand rails and hand poles (including driving cabs)</b>				
6.1		Clean handrails and poles	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to



	Column A	Column B	Column C		Column D
	Element	Cleaning task to be undertaken in Interior Cleaning Schedule as marked * in Column C	Daily	Heavy	Task Objective
					passengers.
6.2		Clean handrails and poles		*	Clean appearance, with no ingrained stains or dirt. No dirt transferable to passengers.
<b>7.</b>	<b>Ceiling and Wall Panels (including driving cabs)</b>				
7.1		Clear all ledges of litter	*	*	No litter or loose detritus.
7.2		Spot clean all ceiling and wall surfaces (including air diffusers, vents and heater grilles)	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping. No dirt transferable to passengers.
7.3		Clean all ceiling and wall surfaces (including air diffusers, vents and heater grilles)		*	Clean appearance with no ingrained stains or dirt.
<b>8.</b>	<b>Inter Vehicle Gangways</b>				
8.1		Spot clean surface of flexible inter-Vehicle gangway	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to passengers.
8.2		Clean flexible inter-Vehicle gangway (including between material folds, behind any floor level boots, and under floor elements where dirt and detritus may collect)		*	Clean appearance with no ingrained stains or dirt on surfaces contactable by passengers. No detritus in concealed areas.
8.3		Normally open inter-Vehicle fire door. Clean surfaces including glazing and rubber seals		*	Clean appearance with no ingrained stains or dirt.
8.4		Normally closed inter-Vehicle fire door. Clean surfaces including glazing and rubber seals	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to passengers.
8.5		Normally closed inter-Vehicle fire door. Clean surfaces including glazing and rubber seals		*	Clean appearance with no ingrained stains or dirt.
8.6		Clean door pockets		*	Inside of door pockets clear of detritus.
<b>9.</b>	<b>Passenger Area Apparatus</b>				

	Column A	Column B	Column C		Column D
	Element	Cleaning task to be undertaken in Interior Cleaning Schedule as marked * in Column C	Daily	Heavy	Task Objective
9.1		Clean passenger emergency alarms and Call for Aid apparatus		*	Clean appearance with no visible dirt or detritus visible to passengers behind transparent removable covers.
9.2		Clean passenger information displays	*	*	Clean appearance.
9.3		Clean emergency door release devices	*	*	Clean appearance with no dirt or detritus visible to passengers behind transparent removable covers.
9.4		Clean floor level lighting (if fitted)		*	Clean appearance.
9.5		Clean exterior of visible ceiling level light diffusers	*	*	Clean appearance..
9.6		Clean interior of visible ceiling level light diffusers		*	Clean appearance, no dirt or detritus.
9.7		Clean concealed light fittings		*	No dirt or detritus.
9.8		Clean CCTV camera lenses and enclosure	*	*	Clean appearance.
<b>10.</b>	<b>Driving Cab Apparatus</b>				
10.1		Clean instrument and switch panels	*		Clean appearance with the exception of ingrained stains and dirt not removable by light wiping. Dirt not transferable to staff operating apparatus.
10.2		Clean instrument and switch panels		*	Clean appearance with no ingrained stains or dirt.
10.3		Clean both faces of sun-blinds	*		Clean appearance with the exception of ingrained stains and dirt not removable by light wiping. Dirt not transferable to staff operating apparatus.
10.4		Clean both faces of sun-blinds		*	Clean appearance with no ingrained stains or dirt.
<b>11.</b>	<b>General (including driving cabs)</b>				
11.1		Clean spillages of blood, vomit, urine or other bio-hazards	*	*	Bio hazard removed and area neutralised and cleaned.
11.2		Remove chewing gum	*		Remove chewing gum. Residue permissible provided not transferable to passengers.
11.3		Remove chewing gum		*	Remove chewing gum. No residue.



## **Part 2 – Train Plan Parameters**

### **1. TRAIN PLAN**

- 1.1 The Train Plan shall set out the scheduled arrival and departure times and corresponding Hand-Back time and Hand-Over time of each Diagram at each of the OOC Depot and the Maintenance/Stabling Sites on each day, including Saturdays and Sundays. The arrival and departure times shall accord with the Diagrams.
- 1.2 RfL shall prepare the Train Plan such that Units are in the possession of the SP for at least the periods of time shown in the Train Plan Parameters set out in paragraph 2 below.

### **2. TRAIN PLAN PARAMETERS**

- 2.1 The Train Plan Parameters shall set out the minimum requirements for Units to be in the possession of the SP, in order to allow the SP sufficient time to perform the Services.
- 2.2 The maximum number of Units which may be diagrammed in any one day shall be as set out in schedule D2 (Diagrams).
- 2.3 The tables below set out the maintenance parameters for each of the Maintenance/Stabling Sites (as applicable) in accordance with the parameters set out in schedule C5 (Maintenance/Stabling Sites):

#### **Stage 1a Crossrail Services**

	<b>OOC Depot</b>	<b>Iford Depot</b>	<b>Stabling Sites</b>
Minimum number of Units arriving per night (scheduled)	N/A	3	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 6.5 hours*	N/A	1	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 1 hour*	N/A	N/A	N/A
Maximum number of Units that the CTOC will be permitted to stable at OOC Depot (excluding maintenance spares)	N/A	N/A	N/A
Minimum Interior Daily Clean/train preparation time per Unit	N/A	1 hour 30 minutes	1 hour 30 minutes



	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
Earliest end of day scheduled arrival at the depot boundary*	N/A	No restriction	N/A
Latest end of day scheduled arrival at the depot boundary*	N/A	02:30	N/A
Earliest start of day scheduled departure from the depot boundary*	N/A	04:00	N/A
Latest start of day scheduled departure from the depot boundary*	N/A	No restriction	N/A
Minimum time between arrivals at the depot boundary on each arrival road individually	N/A	N/A	N/A
Minimum time between departures from the depot boundary on each departure road individually	N/A	N/A	N/A

### **Stage 2 Crossrail Services**

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
Minimum number of Units arriving per night (scheduled)	4	2	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 6.5 hours*	0	1	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 1 hour*	0	N/A	N/A
Maximum number of Units that the CTOC will	20 to	N/A	N/A

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
be permitted to stable at OOO Depot (excluding maintenance spares)	20.5.18 30 from 21.5.18		
Minimum Interior Daily Clean/train preparation time per Unit	1 hour	1 hour 30 minutes	1 hour 30 minutes
Earliest end of day scheduled arrival at the depot boundary*	No restriction	No restriction	N/A
Latest end of day scheduled arrival at the depot boundary*	02:00	02:30	N/A
Earliest start of day scheduled departure from the depot boundary*	04:00	04:00	N/A
Latest start of day scheduled departure from the depot boundary*	No restriction	No restriction	N/A
Minimum time between arrivals at the depot boundary on each arrival road individually	2 minutes	N/A	N/A
Minimum time between departures from the depot boundary on each departure road individually	2 minutes	N/A	N/A

### **Stage 3 Crossrail Services**

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
Minimum number of Units arriving per night (scheduled)	10	2	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 6.5	1	1	N/A

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
hours*			
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 1 hour*	0	N/A	N/A
Maximum number of Units that the CTOC will be permitted to stable at OOO Depot (excluding maintenance spares)	33	N/A	N/A
Minimum Interior Daily Clean/train preparation time per Unit	1 hour	1 hour 30 minutes	1 hour 30 minutes
Earliest end of day scheduled arrival at the depot boundary*	No restriction	No restriction	N/A
Latest end of day scheduled arrival at the depot boundary*	02:00	02:30	N/A
Earliest start of day scheduled departure from the depot boundary*	04:00	04:00	N/A
Latest start of day scheduled departure from the depot boundary*	No restriction	No restriction	N/A
Minimum time between arrivals at the depot boundary on each arrival road individually	2 minutes	N/A	N/A
Minimum time between departures from the depot boundary on each departure road individually	2 minutes	N/A	N/A



**Stage 4 Crossrail Services**

	<b>OOO Depot</b>	<b>Iford Depot</b>	<b>Stabling Sites</b>
Minimum number of Units arriving per night (scheduled)	16	N/A	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 6.5 hours*	1	N/A	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 1 hour*	5	N/A	N/A
Maximum number of Units that the CTOC will be permitted to stable at OOO Depot (excluding maintenance spares)	33	N/A	N/A
Minimum Interior Daily Clean/train preparation time per Unit	1 hour	1 hour 15 minutes	1 hour 15 minutes
Earliest end of day scheduled arrival at the depot boundary*	No restriction	N/A	N/A
Latest end of day scheduled arrival at the depot boundary*	02:00	N/A	N/A
Earliest start of day scheduled departure from the depot boundary*	04:00	N/A	N/A
Latest start of day scheduled departure from the depot boundary*	No restriction	N/A	N/A
Minimum time between arrivals at the depot boundary on each arrival road individually	2 minutes	N/A	N/A
Minimum time between departures from the depot boundary on each	2 minutes	N/A	N/A

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
departure road individually			

### **Stage 5 Crossrail Services**

	<b>OOO Depot</b>	<b>Ilford Depot</b>	<b>Stabling Sites</b>
Minimum number of Units arriving per night (scheduled)	16	N/A	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 6.5 hours*	1	N/A	N/A
Minimum number of Units arriving between am and pm peaks (inter-peak) Monday to Friday for not less than 1 hour*	6	N/A	N/A
Maximum number of Units that the CTOC will be permitted to stable at OOO Depot (excluding maintenance spares)	33	N/A	N/A
Minimum Interior Daily Clean/train preparation time per Unit	1 hour	1 hour 15 minutes	1 hour 15 minutes
Earliest end of day scheduled arrival at the depot boundary*	No restriction	N/A	N/A
Latest end of day scheduled arrival at the depot boundary*	02:00	N/A	N/A
Earliest start of day scheduled departure from the depot boundary*	04:00	N/A	N/A
Latest start of day scheduled departure from the depot boundary*	No restriction	N/A	N/A

	<b>OOO Depot</b>	<b>Iford Depot</b>	<b>Stabling Sites</b>
Minimum time between arrivals at the depot boundary on each arrival road individually	2 minutes	N/A	N/A
Minimum time between departures from the depot boundary on each departure road individually	2 minutes	N/A	N/A

- \* In relation to each table above, the arrival and departure times are specified for the end of, and start of planned Diagrams only. Units planned to arrive/depart part-way through their Diagrams, unplanned or ad-hoc Units may arrive and/or depart at any time. The minimum time on depot requirement only applies to Units on Diagrams planned to arrive. Without prejudice to the requirements of the Performance Regime, unplanned or ad-hoc arrivals (e.g. for Additional Services, Fault finding or Fault rectification) are not subject to any minimum time on depot.

## **APPENDIX TO PART 2**

### **Entry Points and Exit Points**

1. Unless marked otherwise, all locations in paragraph 3 below are Entry Points and Exit Points. (Where more than one name of a location is in common use, the alternative name is given in parentheses.)
2. For a Unit to be considered present at the Entry Point and Exit Point the Unit must be correctly berthed in the location in accordance with:
  - (a) Network Rail operating rules applicable to the Entry Points and Exit Points on the Network; and
  - (b) the OOC Depot rules of operation for the Entry Points and Exit Points at the OOC Depot.
3. The Entry Points and Exit Points are:
  - (a) Gidea Park Stabling Site (Gidea Park carriage sidings);
  - (b) Ilford Depot (Ilford EMU Depot);
  - (c) Maidenhead Stabling Sidings (Maidenhead Carriage Sidings);
  - (d) Maidenhead Turnback Sidings (Maidenhead Reversing Sidings);
  - (e) OOC Depot stabling sidings (stabling berths);
  - (f) Shenfield Country End Sidings (Shenfield Eastern Sidings); and
  - (g) Plumstead Stabling Site.

**Part 3 – Maintenance Plan**





**B2Part D1.1**  
Maintenance Plan



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# 1 Summary

Bombardier's *AVENTRA* platform for Crossrail has been designed as a robust and reliable Unit that takes the best of the company's proven technology and features from its existing designs for both London Underground and overground commuter rail systems. [REDACTED]

[REDACTED] The performance, reliability and maintenance requirements of existing Bombardier products are well understood and, consequently, highly optimised; it is this sound base on which the starting point of the *AVENTRA* design has been based.

The *AVENTRA* will have high starting reliability and a robust reliability growth strategy, which will therefore deliver [REDACTED] miles between service-affecting failures (MDBSAF). This high level of reliability has a positive impact on the maintenance requirements and on total-life costs.

[REDACTED]

Bombardier has been developing these processes since the introduction of ELECTROSTAR™ and is confident that the performance improvements and benefits brought over the development of ELECTROSTAR, Voyager and Meridian and VLU and SSL stock will be exceeded with the advanced techniques planned for *AVENTRA*.

[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]
[REDACTED]	[REDACTED]

## 2 Introduction

This is the section that provides Bombardier's response to the requirements of question PartD1.1 in the proposal template. It has been prepared having taken in to account the requirements of the RSPA and the evaluation criteria.

In section 3 we have provided an explanation of how we develop a maintenance plan, using a philosophy that is common to Units, DOO CCTV, the Simulator and Spares & Special Tools.

Section 4 provides an overview of Bombardier's maintenance strategy which is applied to all Units, DOO CCTV, the Simulator and Spares & Special Tools. It also covers our condition monitoring approach to support preventative maintenance and fault finding and discusses our approach to setting and maintaining staff competencies

Section 5 provides the "Star Chart" for the Unit and station DOO.

Section 6 describes our approach to Structuring inspection, maintenance procedures and overhaul instructions in a logical order as well as the processes for providing staff with clear and up to date technical manuals.

Section 7 discusses the maintenance of the Unit's aesthetic condition.

Section 8 describes the approach for inspecting and maintaining special tools and equipment, and keeping the simulator in the minimum operating condition.

Section 9 explains how we will develop the maintenance plan to its final form, whilst explaining that the maintenance plan continues to evolve through service as new information becomes available.

Section 10 details the frequency of cleaning and maintenance of the aesthetic condition.

### 2.1 Key maintenance principles

Our maintenance plan will:

- Provide Crossrail with reliable units
- Provide Crossrail with a dependable maintenance service that delivers trains into service on time each day
- Minimise the whole-life, whole-system costs of the Crossrail fleet
- Increase Crossrail passenger capacity per £ spent
- Provide every aspect of the maintenance scope on time and to the required standard, whilst remaining flexible enough to adapt to changes in stakeholder requirements

	Evaluation Criteria	Section location
1	Level of integration between the Maintenance Plan, the Train Plan Parameters and the Train Plan such that daily availability requirements will be reliably achieved; degree of flexibility afforded to RfL's Train Plan whilst complying with the Train Plan Parameters (inter alia, Unit maintenance window durations and Unit preparation procedures and timings); the Bidders approach to mitigating against non-availability of Units.	Section 4
2	Assuring the Fit for Service and Minimum Aesthetic Condition standards for Units, including cleaning management and resources.	Section 4,5,7,10
3	Unit maintenance strategies (OOC Depot and interim maintenance facilities for GE services), management, mobilisation, resources, training and competencies.	Section 3,4,
4	Unit condition monitoring and analysis, fault finding techniques, processes and tools.	Section 4
5	Fault recording, management and repair; technician resources including competencies and training	Section 4,5
6	Special seasonal Unit and OOC Depot preparation proposals and resources.	Section 4
7	Units, manuals, feedback on experience and updating.	Section 3,4,6,9
8	Units; repair, heavy cleaning, warranty, overhaul, refurbishment, and condition management strategy.	Section 4, 5,10
9	Spares and special tools; maintenance and modification.	Section 8
10	Simulator; repair, updating and maintenance.	Section 4, 8

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

- | [REDACTED]
- | [REDACTED]
- | [REDACTED]
- [REDACTED]
- [REDACTED]
- | [REDACTED]
- | [REDACTED]
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- | [REDACTED]
- | [REDACTED]
- | [REDACTED]
- | [REDACTED]
- [REDACTED]
- [REDACTED]

### 3 Maintenance Plan Compliance and Development – Units, DOO CCTV Station Proprietary Items and Spares

#### 3.1 Ensuring our plan complies with GM/RT2004 and other legislation

Bombardier has extensive experience of undertaking full fleet management projects in the UK. For these we routinely produce and execute maintenance plans, which are fully compliant to GM/RT2004 *Rail Vehicle Maintenance*. Further we have developed maintenance plans for spare parts and other proprietary items as part of our maintenance contracts.

We design the maintenance plan and its associated documentation to be in accordance with GM/RT2004 (Conventional Rail Locomotives and Passenger Rolling Stock TSI) and the associated standards. These associated standards include:

- GM/GN2571 Guidance on storage and re-commissioning of traction and rolling stock
- GM/GN2646 Guidance on axle bearing maintenance
- RIS-2701-RST Rail Industry Standard for NDT processes on rail vehicles
- GM/RT2000 Engineering acceptance of rail vehicles

To ensure our maintenance plan complies fully we will divide it into the same sub-sections as GM/RT2004, with each sub-section explaining how we will meet that aspect of the standard. A Bombardier-appointed independent Maintenance Conformance Certification Body (MCCB) will provide a final compliance check to ensure that we have complied with all relevant standards and provide the fleet with the required maintenance and engineering certification for the maintenance plan.



### Project experience – track record

We are currently executing maintenance plans (compliant with GM/RT2004 *Rail Vehicle Maintenance*) on several fleet maintenance projects in the UK:

Customer	Fleet Class	Contract Type
Virgin	221	Fleet Management
Arriva Cross County	220 and 221	Fleet Management
East Midland Trains	222	Fleet Management
LSER	375 and 376	Fleet Management
Southern	377	MSA
c2c	357	Fleet Management
LERL	379	Fleet Management
ELR/NLR	378	Fleet Management
Croydon Tram		Fleet Management
First Transpennine Express	170	Fleet Management
First Scotrail	170	TSSSA
VLU	09 Stock	TSSSA
SSL	S Stock	TSSSA

We have been maintaining the Voyager fleets on the CrossCountry and West Coast networks since 2001. These 78 units operate throughout the UK, including London, North Wales, Edinburgh, Glasgow, the South West, the North West, the South Coast and Central England, covering 100 million miles each year. Our ability to maintain this large and widely dispersed fleet to a high standard has been demonstrated by the Golden Spanner awards we won in 2009, 2010, 2011 and 2012.

We have maintained Meridian Trains for East Midland Trains since 2004. These 27 units cover 34 million miles each year between London and Sheffield.

We maintain Class 170/3 TURBOSTARS for Transpennine Express. These nine units cover 1.5 million miles each year between Manchester and the East Coast.

We have maintained Class 379 EMU for Stansted Express since 2011. These 30 units cover 5.4 million miles each year between Stansted Airport and London.



[REDACTED]

## 4 Unit Inspection, Maintenance and Overhaul Schedules/Programme Proposals

The *AVENTRA* will have high starting reliability, a robust reliability growth strategy and therefore eventually deliver [REDACTED] miles between service-affecting failures (MDBSAF). This has a positive impact on the maintenance requirements and through-life costs. This is possible because the performance, reliability and maintenance requirements of the existing Bombardier products, from which *AVENTRA* has been developed, are very well understood and, consequently, highly optimised, and this has been the starting point in the design of the *AVENTRA*.

We will produce an optimised maintenance regime whilst minimising total cost of ownership.

We will carry out most planned maintenance at Old Oak Common depot (OOC) (although for the first two years we will maintain reduced-length units at our Ilford depot, and Ilford will remain a contingency location for maintenance in the future). Throughout the contract we will carry out corrective maintenance at OOC, Ilford (and other outstations when necessary).

[REDACTED]

The following section summarises Bombardier's maintenance proposals for Old Oak Common and Ilford depots and how these link to the train plan parameters.

### 4.1 Old Oak Common Maintenance Strategy –Stage 5 December 2019 Onwards

Bombardier propose a fleet of 65 units to achieve 60 operational diagrams a day [REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

[REDACTED]

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### 4.3 Maintenance Proposals

[Redacted]

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- | [Redacted]
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*Figure 1 – AVIS wheel profile measurement system*

#### 4.3.1.2 HUMS

HUMS will use its on-board systems to monitor key systems on each unit, including:

- Propulsion (identifying whether systems with in-built redundancy have a fault that could lead to a service failure if left unresolved)
- Doors
- HVAC
- Brakes
- Air filtration
- Screen wash and braking sand (measuring the levels of wash and sand left in the reservoirs)

The almost constant system monitoring provided by HUMS will reduce the risk of service failures or cancellations, by providing maintenance staff with regular updates and alerts on system performance.

#### **Project experience**

We have used HUMS data to good effect on our class 222 Meridian fleet operated by East Midlands trains. On this fleet HUMS has enabled us to eliminate unnecessary manual checks of the door system, replacing them with automated checks.

The continual monitoring provided by ORBITA and HUMS will verify real-time train performance and health status, thereby enabling us to identify problems as soon as they occur (in contrast to a planned maintenance system, which leaves a service vulnerable to defects because it relies only on periodic testing and inspection to identify faults).

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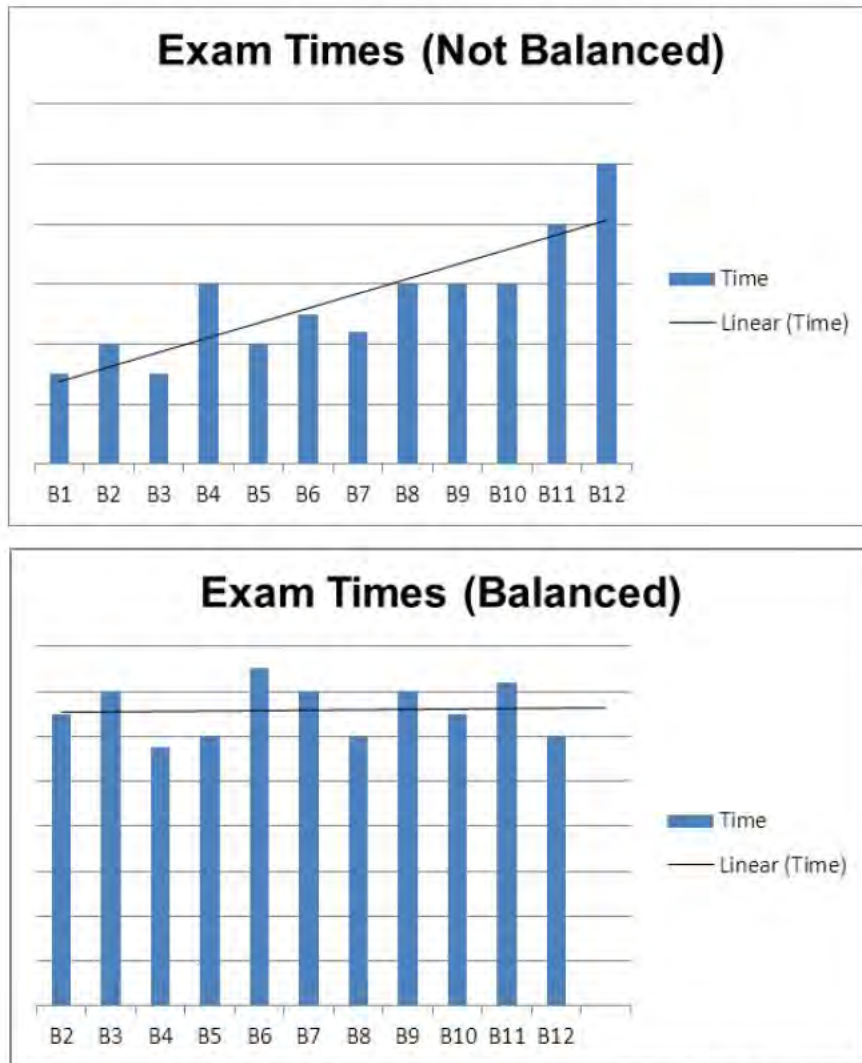


Figure 2 – Comparison of exam labour times for a cumulative plan against a balanced plan

We will carry out all planned maintenance examinations during day operations at OOC (although until the end of stage 3 we will maintain a sub-fleet at Ilford depot for two years). At full fleet (65 trains) we will undertake exams four days per week and every third week 5 days per week and carry out additional corrective work as part of the exam, or separately as required. The table below shows our examination schedule, which is based on a repeating cycle of 12 exams.

Exam	B1	B2	B3	B4	B5	B6	B7	B8	B9	B10	B11	B12
After	105	210	315	420	525	630	735	840	945	1050	1155	1260

[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]
[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]	[Redacted]

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**4.3.8 Heavy Cleaning Strategy**

Each train-set will have a heavy interior and exterior clean in accordance with the cleaning manuals at least once every 30 working days, managed by the cleaning manager and performed by the cleaning team.

**4.3.8.1 Cleaning Manual**

Bombardier will produce a cleaning manual which will provide a standard for all cleaning activities for the Units. The document will apply to all carriage cleaning locations that have a responsibility to

the services being provided. The periodicity and type of cleaning will be specified. Job sheets will provide information regarding:

- Equipment
- Materials
- Personal Protective Equipment
- Safety
- Procedure
- Care of Equipment
- Presentation Standards
- Staff Competencies that apply.

All carriage cleaning audits will be measured against these standards.

#### **4.3.8.2 Cleaning Materials and Tools**

Bombardier will provide all the required equipment and associated products as required in each produced cleaning manual including hand tools, chemicals, trolleys, mops, cleaning cloths etc. Bombardier will ensure:

- All equipment is used correctly to prevent damage or unnecessary wear
- All equipment is gathered, checked and secured in the cleaners store building daily
- Any washing of mops, cloths and associated equipment is carried out daily
- All staff are inducted on the safe working policies of the depot
- Staff are provided with correct PPE in accordance with the cleaning manual

#### **4.3.8.3 Interior heavy clean**

Interior heavy clean will be undertaken on each vehicle in accordance with the cleaning manuals at least once every 30 working days. On completion of the interior heavy clean Bombardier will assess the cleanliness at that time, with each cleaning task achieving a score of at least six and each Vehicle achieving an average score of not less than eight. Table 3 below identifies all activities associated with the 30 day interior heavy clean; note table also includes daily clean activities so identifying the full cleaning regime.

#### **4.3.8.4 Exterior heavy clean**

Exterior heavy clean will be undertaken on each vehicle in accordance with the cleaning manuals at least once every 30 working days. On completion of the exterior heavy clean Bombardier will assess the cleanliness at that time, with each cleaning task achieving a score of at least six and each vehicle achieving an average score of not less than eight.

Element	Cleaning task	Daily	Heavy	Task Objective
<b>1.</b>	<b>Seats (including driving cabs)</b>			
1.1	Seat hard surfaces cleaned.	*	*	Un-upholstered surfaces including armrests, seat backs, cup holders and tables and grab handles clean.
1.2	Seat frames (under seats and under upholstery) clean.		*	Cushions and squabs removed and framework clean. Fluff, detritus and excessive dust removed from under seat areas exposed by seat upholstery removal.
1.3	Replace heavily soiled removable seat covers & headrests.	*	*	No soiling (including chewing gum) that could transfer to passenger's clothing.
1.4	Vacuum seat covers.	*		Seat cushion, squabs, armrest upholstery and headrests free of loose dirt, fluff, lint and detritus.
1.5	Steam clean and dry or dry clean in situ, or launder seat covers.		*	Removable seat covers replaced with clean laundered covers, or steam or dry cleaned in situ to clean laundered standard.
1.6	Clear seats of litter.	*	*	No litter or loose detritus.
<b>2.</b>	<b>Floors including driving cabs)</b>			
2.1	Clear floor of litter. Includes under seats and in inter-Vehicle gangways.	*	*	No litter or loose detritus.
2.2	Floor mopped. Includes under seat areas and in inter-Vehicle gangways.	*		Clean appearance with the exception of ingrained stains and dirt not removable by light mopping. Floor dry.
2.3	Mechanically clean floors dry and apply surface treatment material (if specified). Includes under seat areas and in inter-Vehicle gangways.		*	Clean appearance with no ingrained dirt. Floor dry, not slippery and no transfer of any floor treatment material sealant to passengers' personal effects. No dirt in corners or visible crevices.
<b>3.</b>	<b>Bodyside Doors (including driving cabs)</b>			
3.1	Clean door internal surfaces including glazing and rubber seals.	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping. No dirt transferable to passengers.
3.2	Clean door internal surfaces including glazing and rubber seals.		*	Clean appearance with no ingrained stains or dirt.
3.3	Clean door pockets (if present).		*	Inside of door pockets clear of detritus. Areas inside door pocket visible to passengers of clean appearance. Door pocket glazing (if present) clean on both surfaces.

<b>Element</b>	<b>Cleaning task</b>	<b>Daily</b>	<b>Heavy</b>	<b>Task Objective</b>
3.4	Clean door apparatus and door seals.		*	Door apparatus and door seals visible to passengers when doors are open of clean appearance.
3.5	Clean door step (inside and outside door).		*	Clean appearance with high visibility markings providing good contrast.
4.	<b>Luggage Racks</b>			
4.1	Clear luggage racks of litter.	*	*	No litter or loose detritus.
4.2	Clean luggage racks (internal and external).	*	*	Clean appearance. No transfer of dirt to passengers' personal effects.
5.	<b>Glazing (including driving cabs)</b>			
5.1	Clean the inside surfaces of passenger area windows.	*	*	Clean and non-greasy appearance.
5.2	Using specialist materials clean the inside surface of cab windscreens.	*	*	Clean appearance. No scratching or damage to anti-spall covering.
5.3	Clean draught screen glass.	*	*	Clean and non-greasy appearance.
6.	<b>Hand rails and hand poles (including driving cabs)</b>			
6.1	Clean handrails and poles.	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to passengers.
6.2	Clean handrails and poles.		*	Clean appearance, with no ingrained stains or dirt. No dirt transferable to passengers.
7.	<b>Ceiling and Wall Panels (including driving cabs)</b>			
7.1	Clear all ledges of litter.	*	*	No litter or loose detritus.
7.2	Spot Clean all ceiling and wall surfaces (including air diffusers, vents and heater grilles).	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping. No dirt transferable to passengers.
7.3	Clean all ceiling and wall surfaces (including air diffusers, vents and heater grilles).		*	Clean appearance with no ingrained stains or dirt.
8.	<b>Inter Vehicle Gangways</b>			
8.1	Spot clean surface of flexible inter- Vehicle gangway.	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to passengers.
8.2	Clean flexible inter-Vehicle gangway (including between material folds, behind any floor level boots, and under floor elements where dirt and detritus may collect).		*	Clean appearance with no ingrained stains or dirt on surfaces contactable by passengers. No detritus in concealed areas.



Element	Cleaning task	Daily	Heavy	Task Objective
8.3	Normally open inter-Vehicle fire door. Clean surfaces including glazing and rubber seals		*	Clean appearance with no ingrained stains or dirt.
8.4	Normally closed inter-Vehicle fire door. Clean surfaces including glazing and rubber seals	*		Clean appearance, with the exception of ingrained stains and dirt not removable by light wiping with a suitable detergent. No dirt transferable to passengers.
8.5	Normally closed inter-Vehicle fire door. Clean surfaces including glazing and rubber seals		*	Clean appearance with no ingrained stains or dirt.
8.6	Clean door pockets		*	Inside of door pockets clear of detritus.
9.	<b>Passenger Area Apparatus</b>			
9.1	Clean passenger emergency Call for Aid apparatus alarms and		*	Clean appearance with no visible dirt or detritus visible to passengers behind transparent removable covers.
9.2	Clean passenger information displays	*	*	Clean appearance.
9.3	Clean emergency door release devices	*	*	Clean appearance with no dirt or detritus visible to passengers behind transparent removable covers.
9.4	Clean floor level lighting (if fitted)		*	Clean appearance.
9.5	Clean exterior of visible ceiling level light diffusers	*	*	Clean appearance..
9.6	Clean interior of visible ceiling level light diffusers		*	Clean appearance, no dirt or detritus.
9.7	Clean concealed light fittings		*	No dirt or detritus.
9.8	Clean CCTV camera lenses and enclosure	*	*	Clean appearance.
10	<b>Driving Cab Apparatus</b>			
10.1	Clean instrument and switch panels	*		Clean appearance with the exception of ingrained stains and dirt not removable by light wiping. Dirt not transferable to staff operating apparatus.
10.2	Clean instrument and switch panels		*	Clean appearance with no ingrained stains or dirt.
10.3	Clean both faces of sun-blinds	*		Clean appearance with the exception of ingrained stains and dirt not removable by light wiping. Dirt not transferable to staff operating apparatus.
10.4	Clean both faces of sun-blinds		*	Clean appearance with no ingrained stains or dirt.

Element	Cleaning task	Daily	Heavy	Task Objective
11	General (including driving cabs)			
11.1	Clean spillages of blood, vomit, urine or other bio-hazards.	*	*	Bio hazard removed and area neutralised and cleaned.
11.2	Remove chewing gum.	*		Remove chewing gum. Residue permissible provided not transferable to passengers.
11.3	Remove chewing gum.		*	Remove chewing gum. No residue.

*Table 3 – Activities associated with a 30-day heavy cleaning regime*

[Redacted text block containing multiple paragraphs of information, all obscured by black bars.]



## 4.5 Setting and maintaining maintenance staff competencies

### 4.5.1 Verifying staff competencies

Competence management is at the core of our business, which we apply consistently across our UK contracts. We assess the competency of all new employees through oral, written and practical assessments and check that their certificates and qualifications are authentic. Our assessment standards for maintenance staff are either those of the NVQ units contained in the National Occupational Standards (issued by GoSkills) or standards we have developed to meet specific business requirements. Our assessment standards for managers are based on the good practice guide published by Railway Safety: *Assessing and Developing the Competence of Senior Management Teams in Strategic Safety Management*.

### 4.5.2 Setting staff competencies

All maintenance staff will have to complete and pass a set of five core skills training courses before they start work on Crossrail. This will ensure they have the skills to carry out their work competently and safely. These five courses are:

- Core competency in train maintenance
- Safe working
- Trains and component movements in and around the workplace
- Vehicle, role and system specific training
- Basic QHSE skills

### 4.5.3 Ongoing training and development: developing the Crossrail training and competency framework

We will develop a training framework that will ensure that our staff have the right skills and experience to deliver Crossrail.

**Training Needs Analysis (TNA):** The appropriate project manager and local training and competency assessor (plus operations staff if necessary) will undertake a TNA for each element of the project. This TNA will identify the skill sets required for each project role. Our technical training manager will check the TNA to make sure it is appropriate.

**Gap analyses:** Once we have finalised the TNA we will carry out gap analyses to identify the training necessary to ensure that our staff have all the skills and experience they need. This gap analysis will identify specific training and competency requirements for each project role, by comparing the skills matrix with the current staff training records. We will then use the gap analyses to develop the month-by-month training programme (based on a six-month training cycle) that will ensure our staff have the right skills on an on-going basis.

**Monthly programme reviews:** To ensure that each month's training programme runs smoothly, it will be reviewed in advance, prior to implementation. This review will consider whether any training should be carried over from the previous month and incorporated into the next month's schedule. It will also consider whether training needs have changed since the programme was first drawn up (because we have taken on new staff, for example) and update the programme accordingly.

#### 4.5.4 Monitoring and managing staff competencies: Bombardier's CMS

Throughout each staff member's career we will monitor and manage their competencies using the Bombardier Competency Management System (CMS). Our CMS complies with all regulatory requirements, as set out by the Office of Rail Regulations, the Health and Safety Executive (HSE) and the Railways and Other Guided Transport Systems (Safety) Regulation 2006. For Crossrail this system will record:

- Staff skills, training and experience
- Staff competencies in terms of systems and tasks (along with the dates of competency reassessments, to ensure we maintain staff certifications)
- How we will identify safety-critical tasks (based on the requirements within ROGS 2006) and how we train our people to undertake them

The Bombardier CMS system will mean that every employee will understand the performance we expect of them and receive appropriate assessment, training and development. For Crossrail, our CMS will provide complete assurance that maintenance works are only undertaken by appropriately qualified, skilled and experienced staff.

#### 4.5.5 Using external training agencies

We will use external training agencies for some niche or high-volume training courses. After our technical training manager has vetted a training agency, we will place it on our central suppliers list.

#### 4.6 Accommodating unscheduled work arising from scheduled maintenance

The balanced exam regime will enable us to accommodate any unscheduled work that arises from exams.



#### 4.7 Unit Condition Monitoring and Fault Finding Techniques

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]
- [REDACTED]
- [REDACTED]

[REDACTED]

[REDACTED]

- [REDACTED]
- [REDACTED]

[REDACTED]

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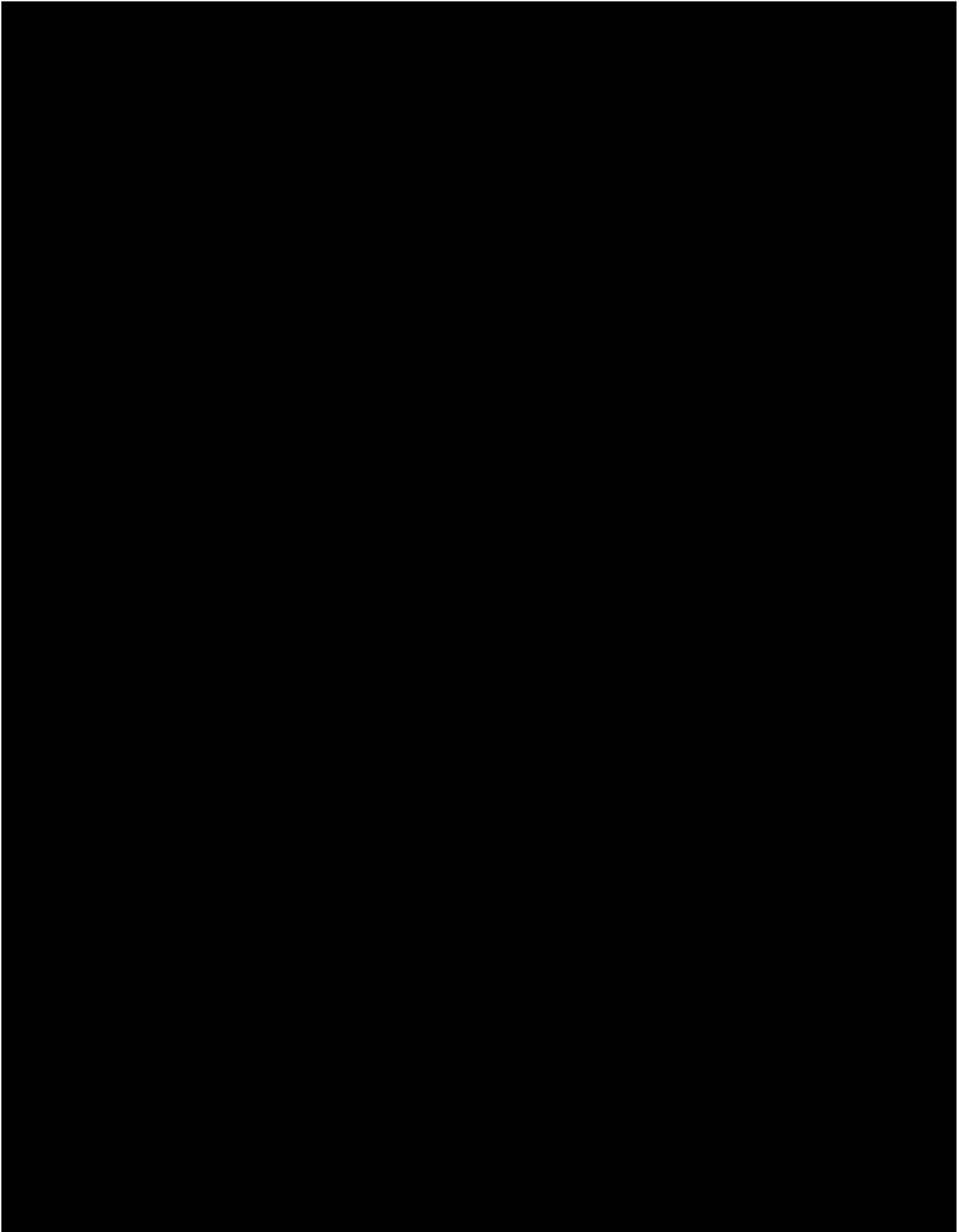
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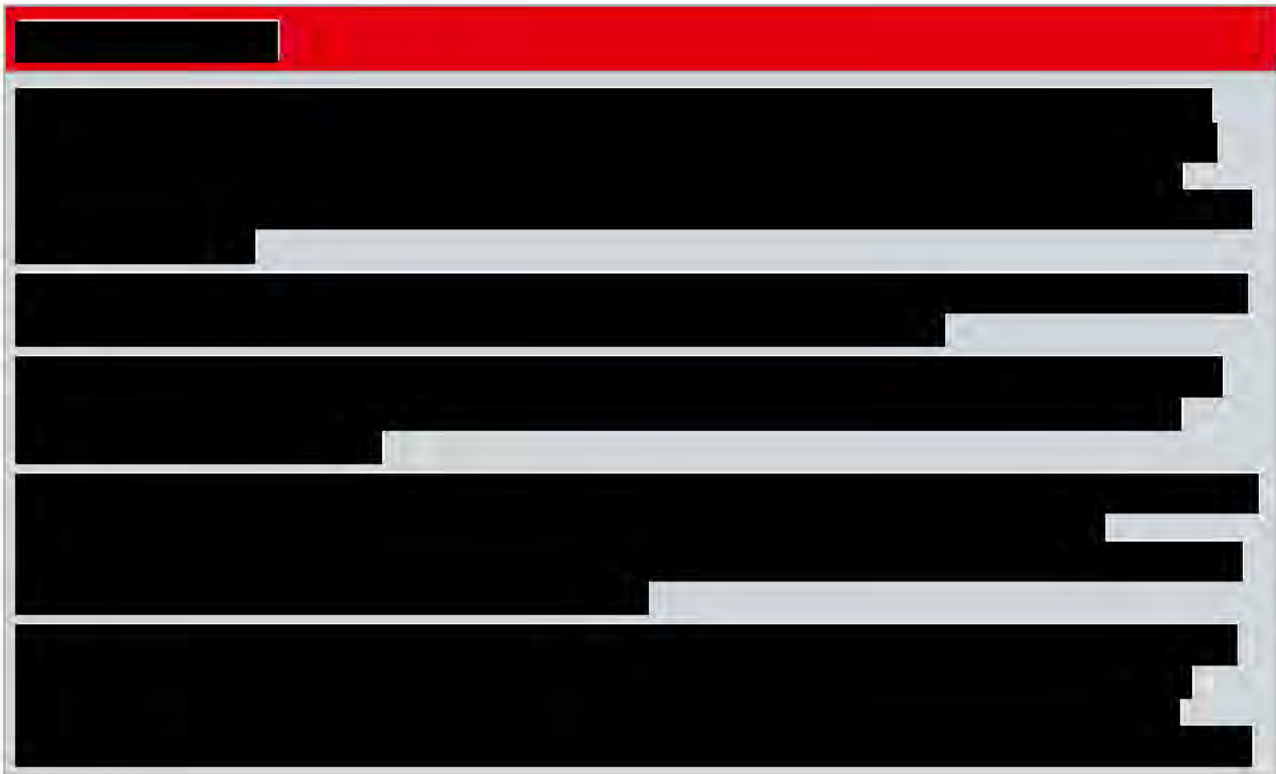
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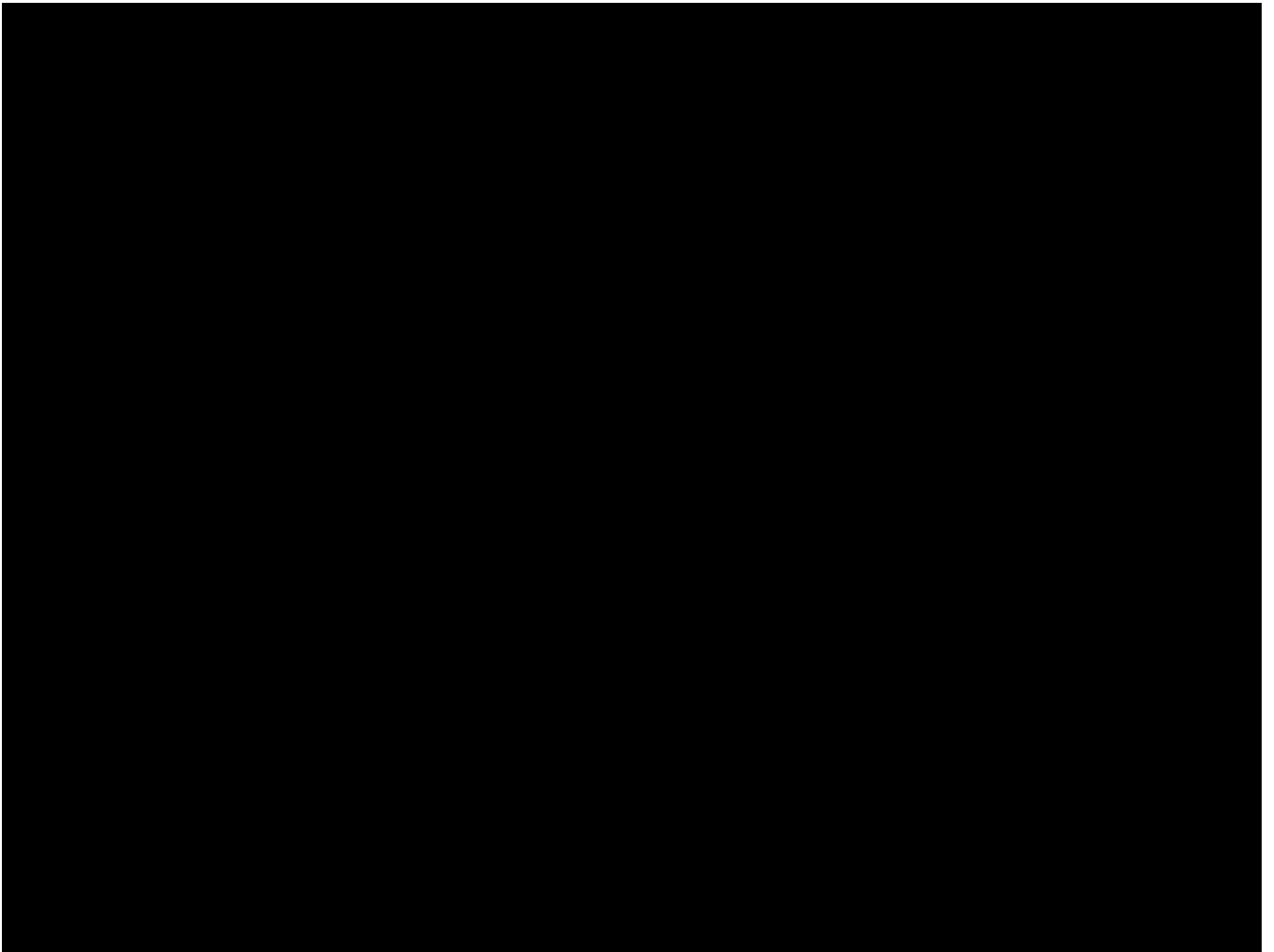




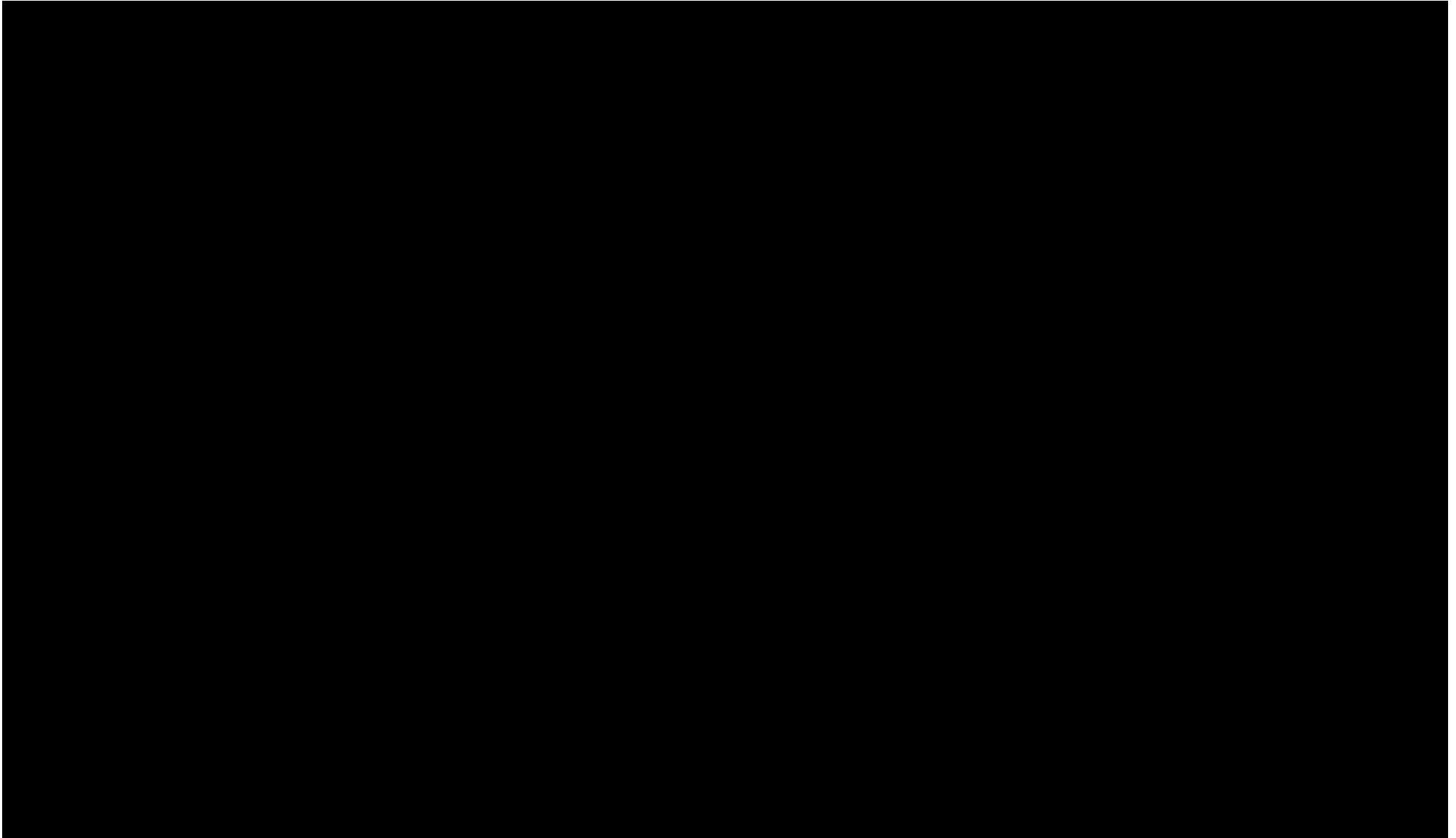
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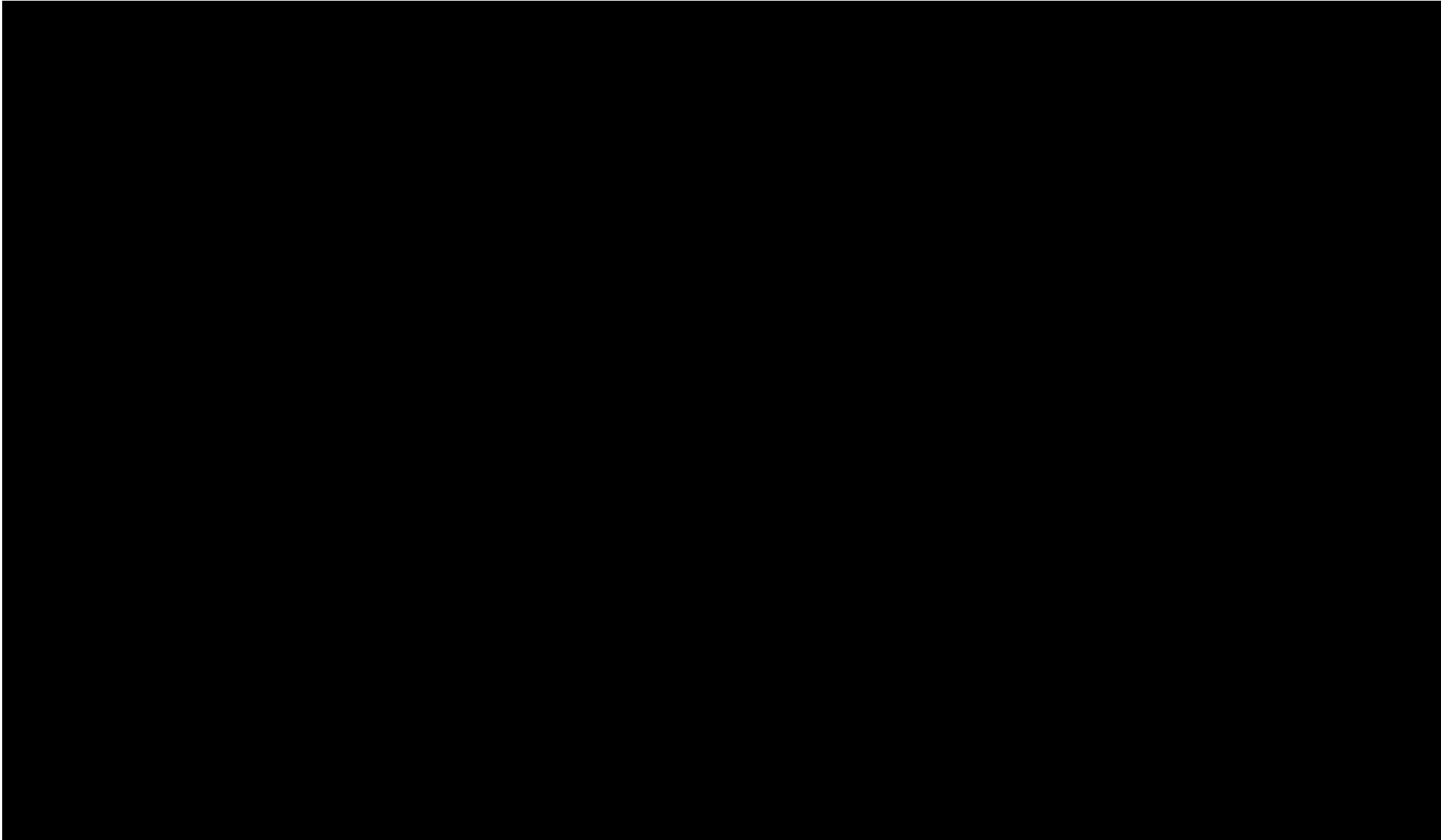
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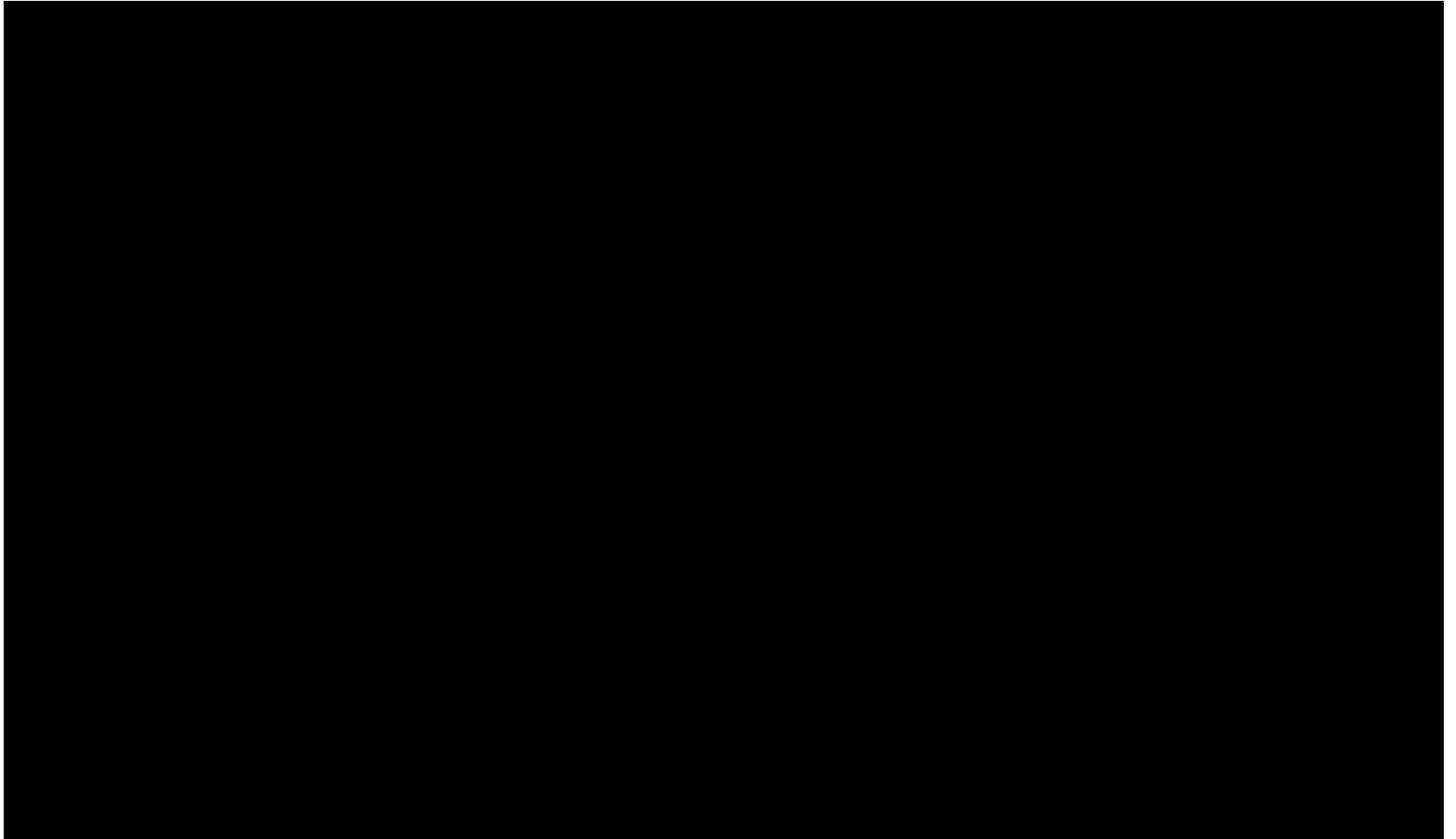


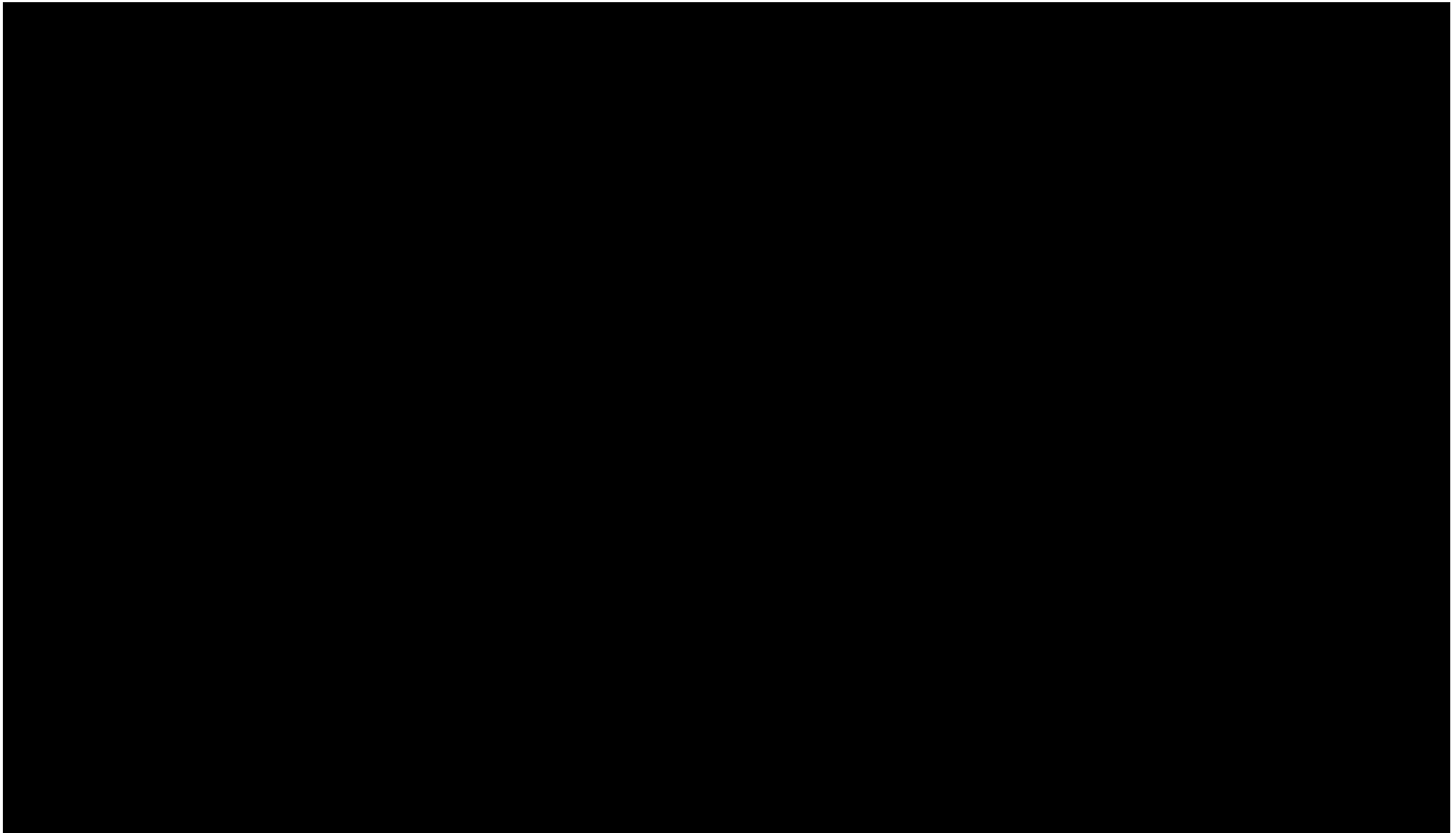


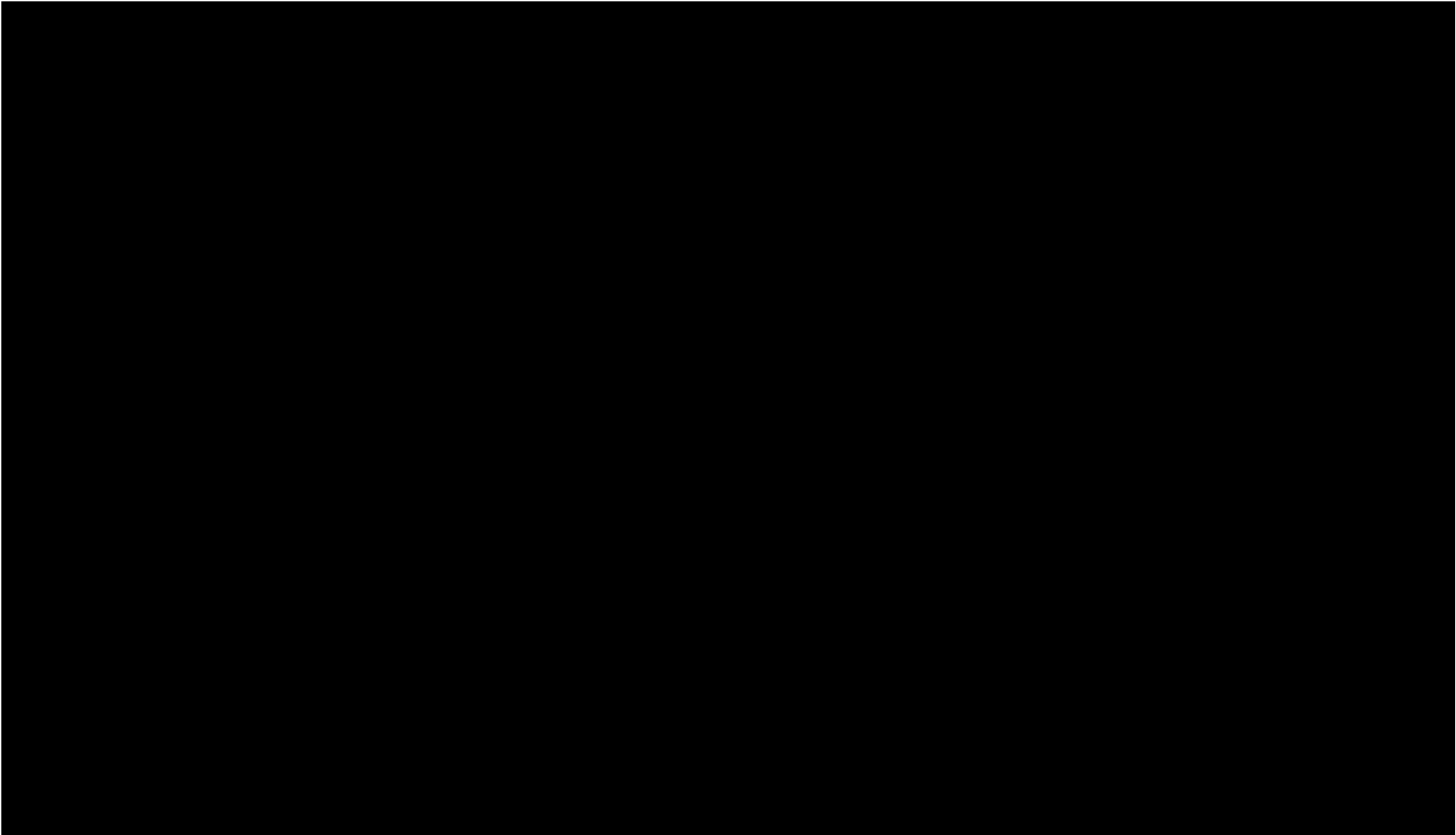


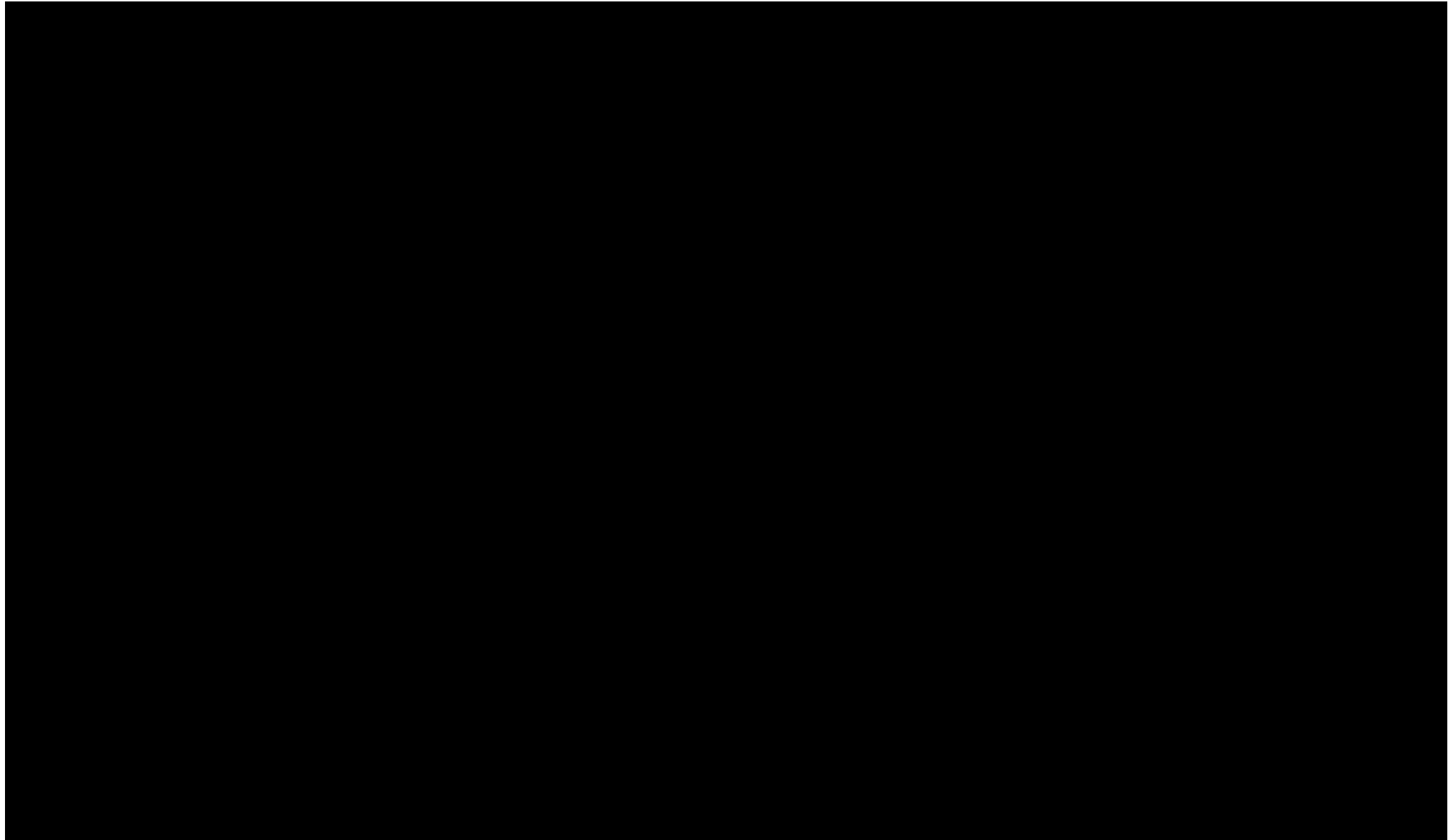


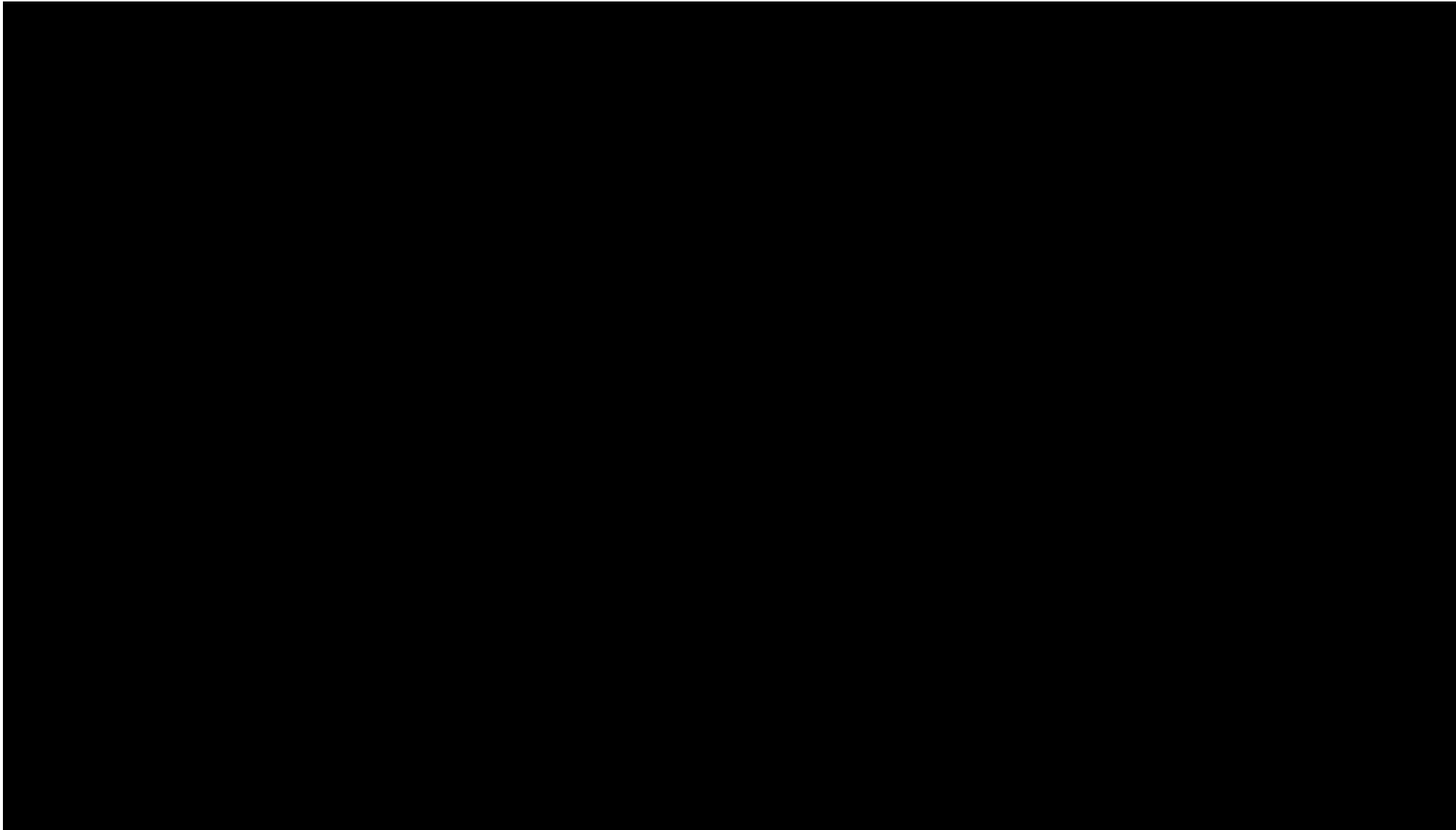






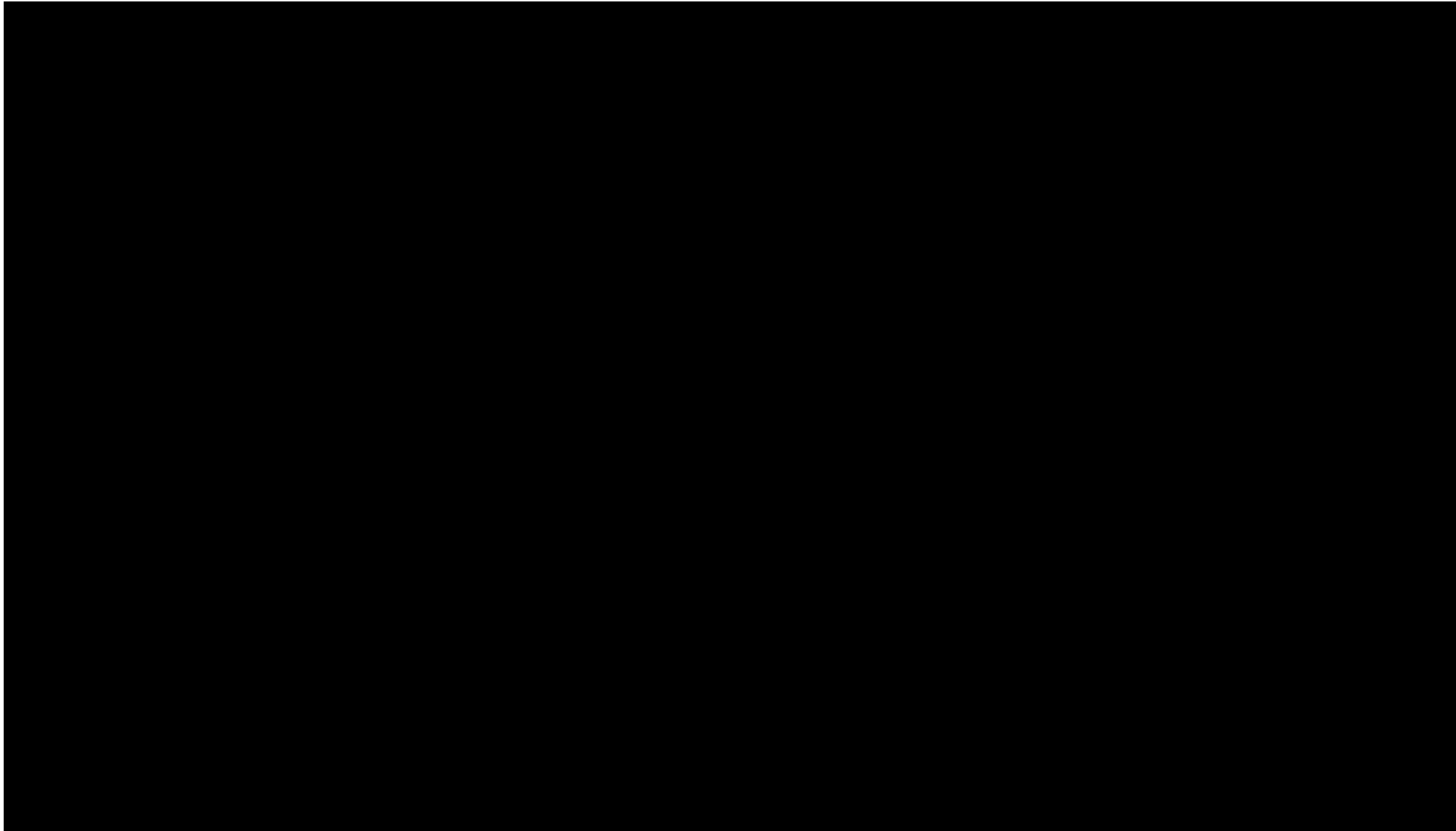


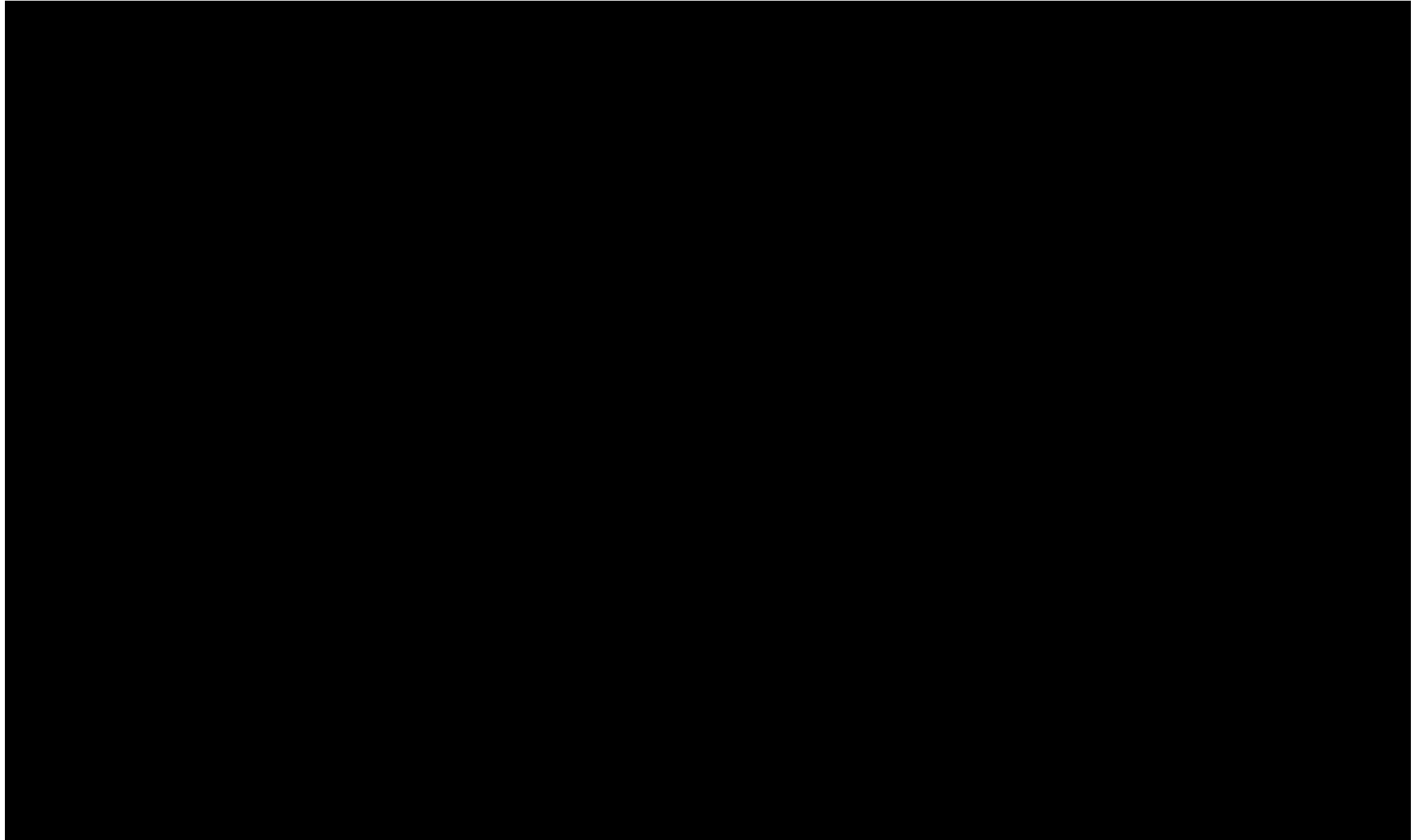


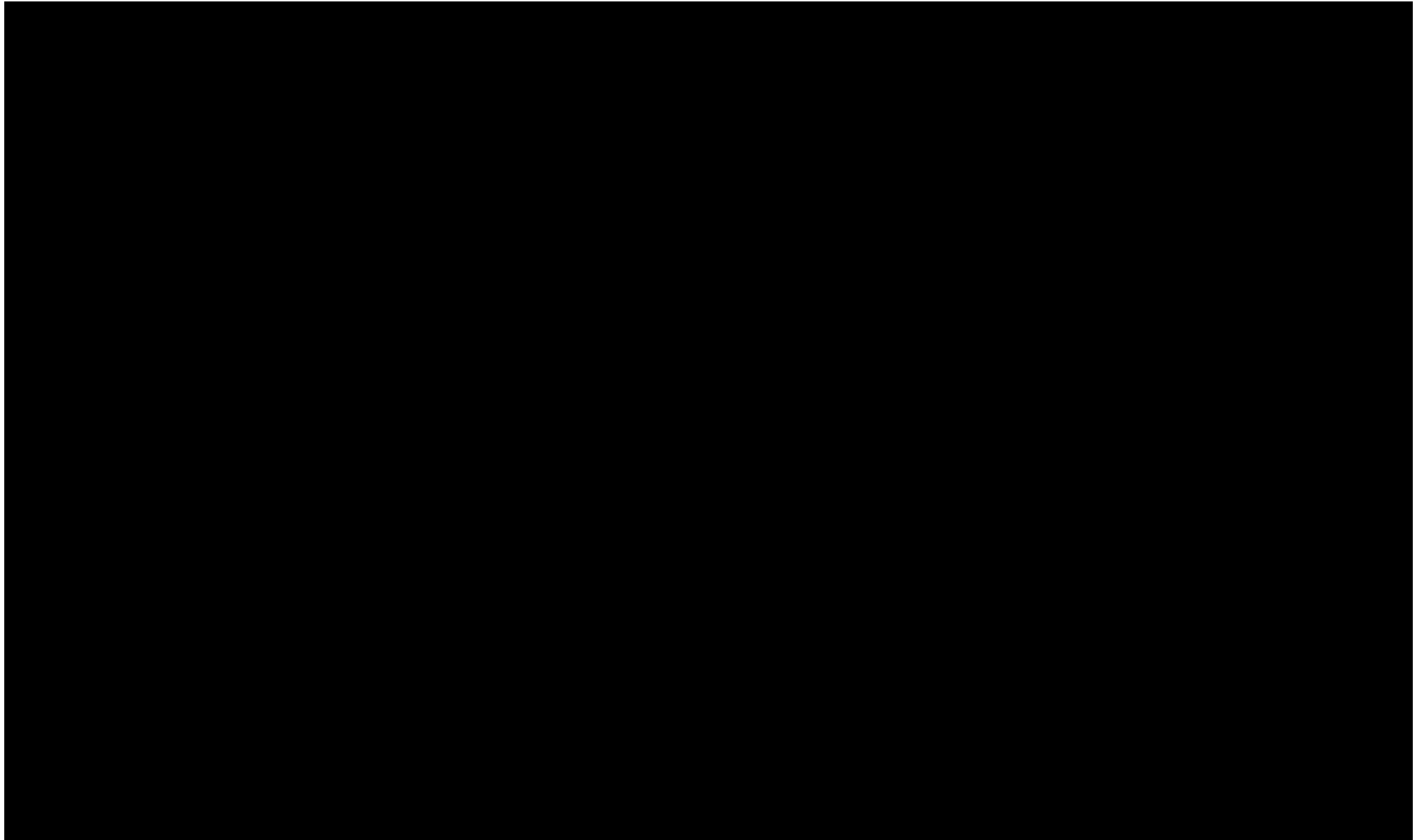


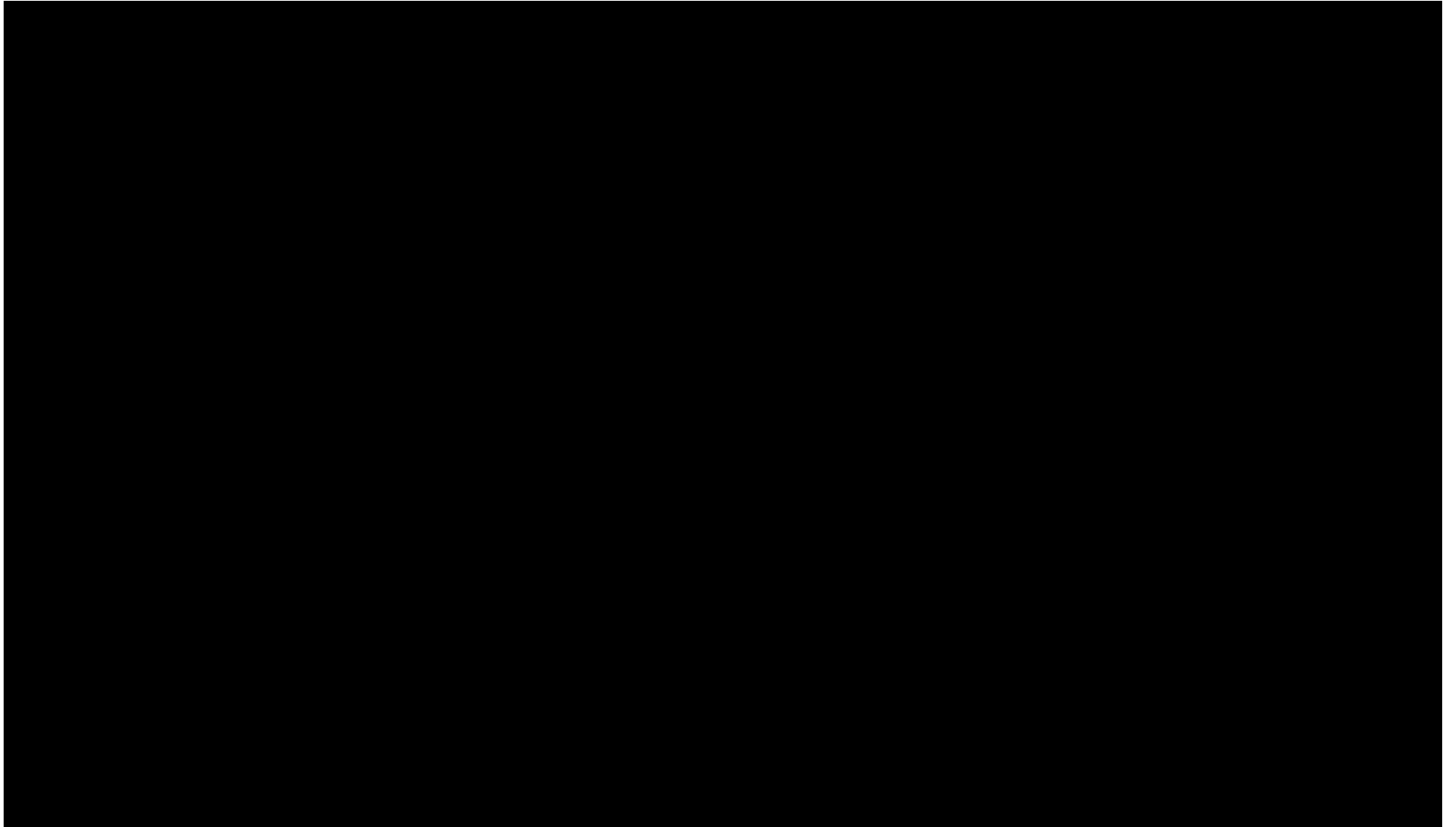


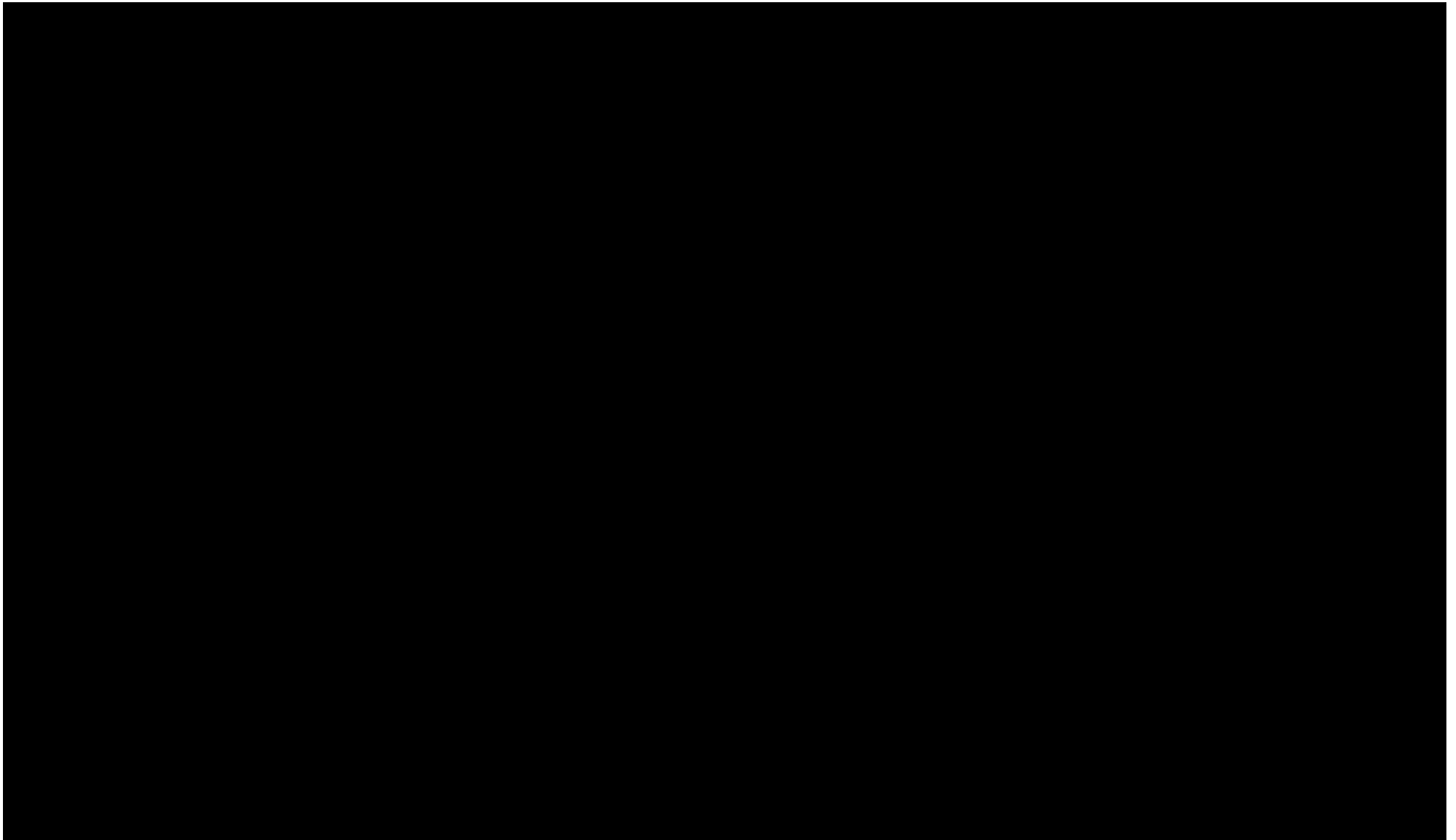


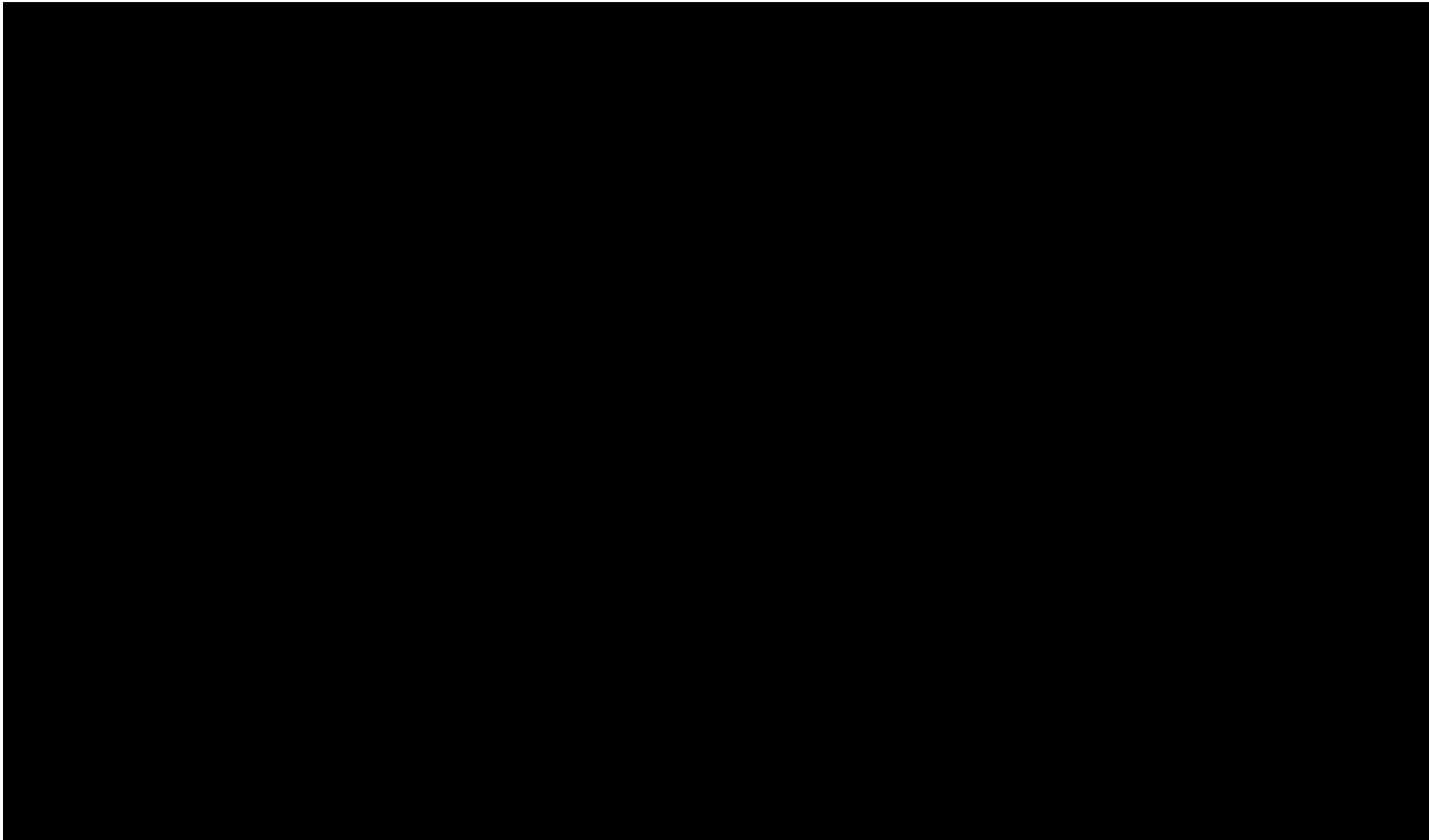


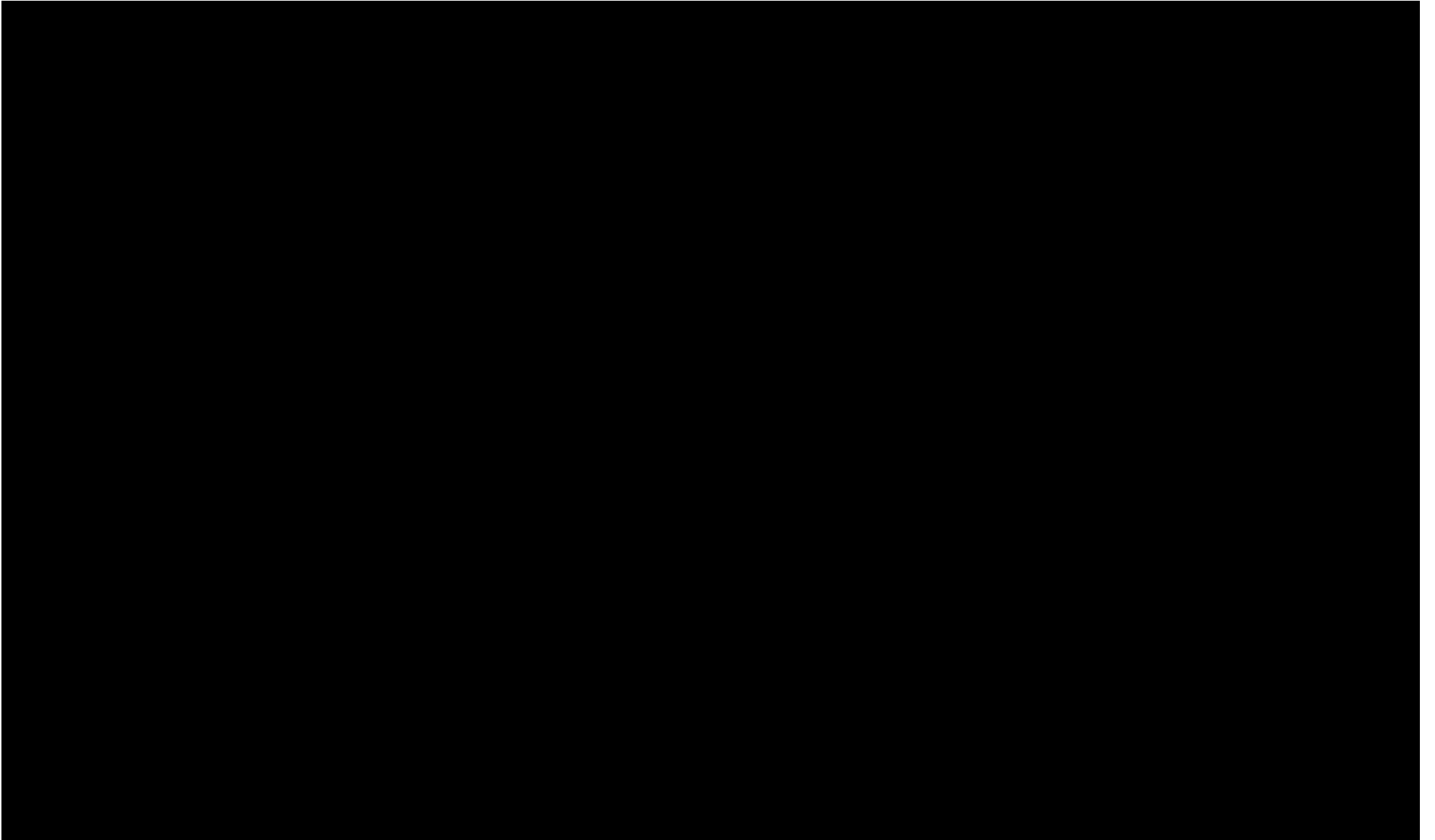




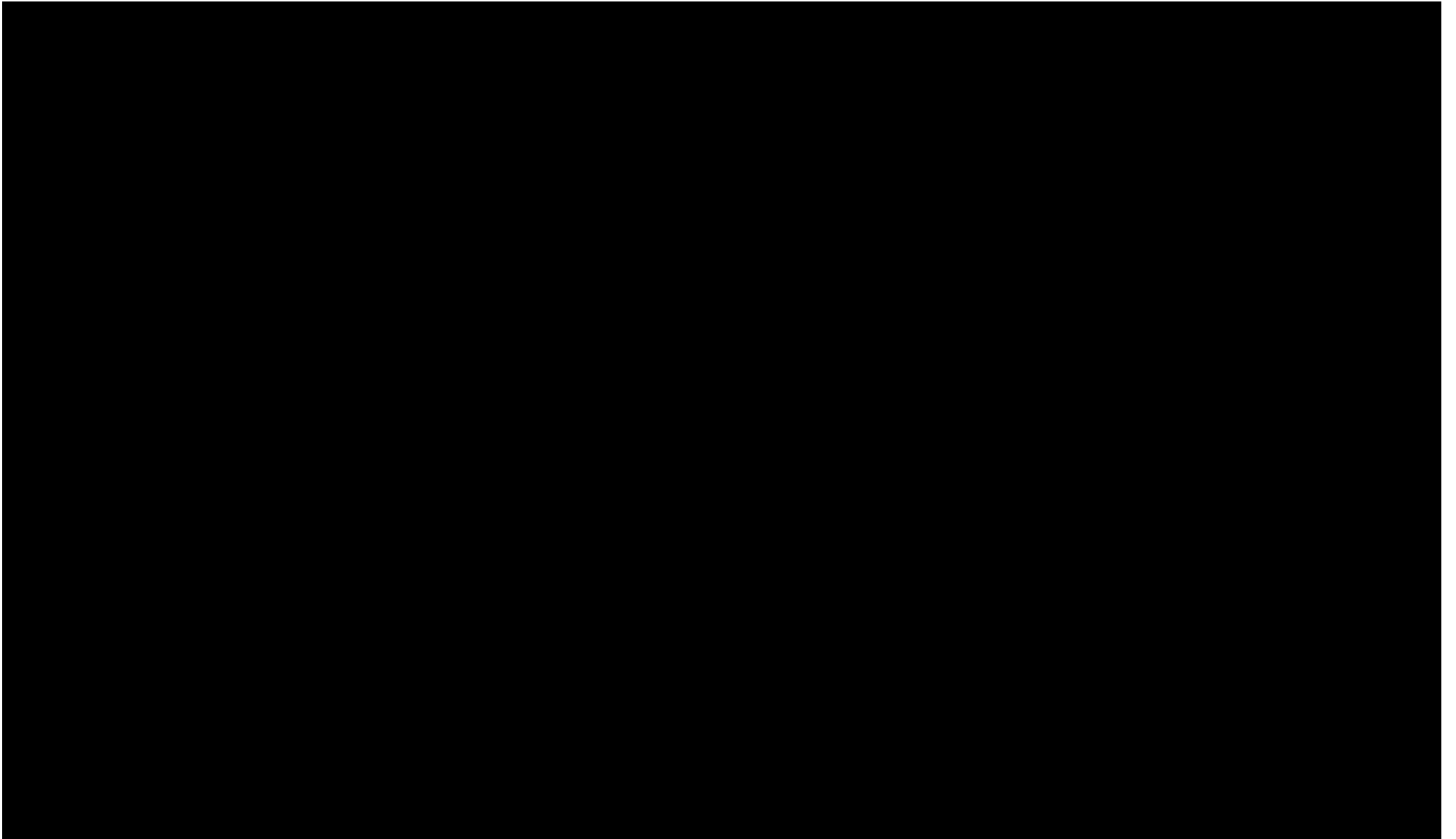


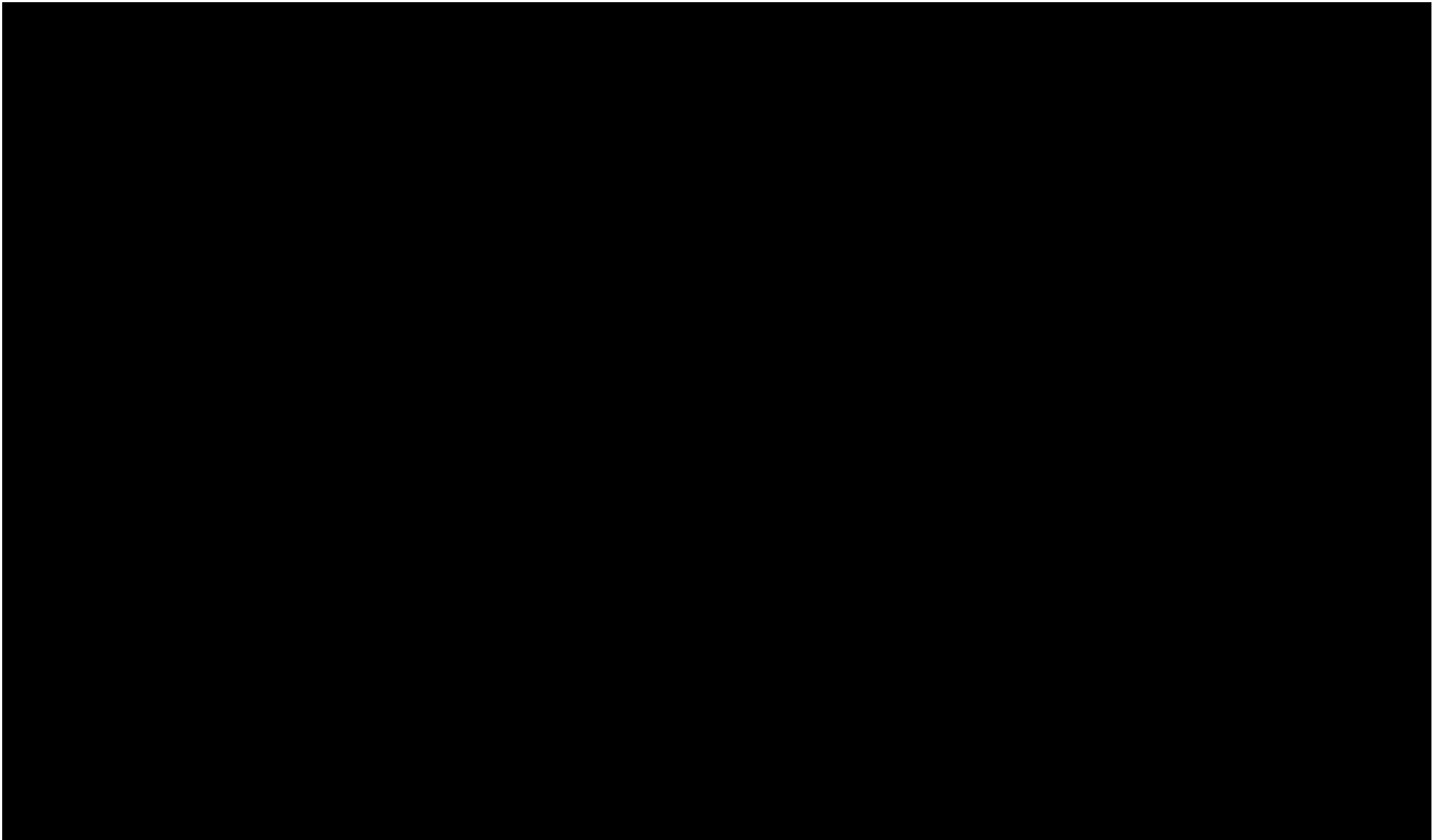


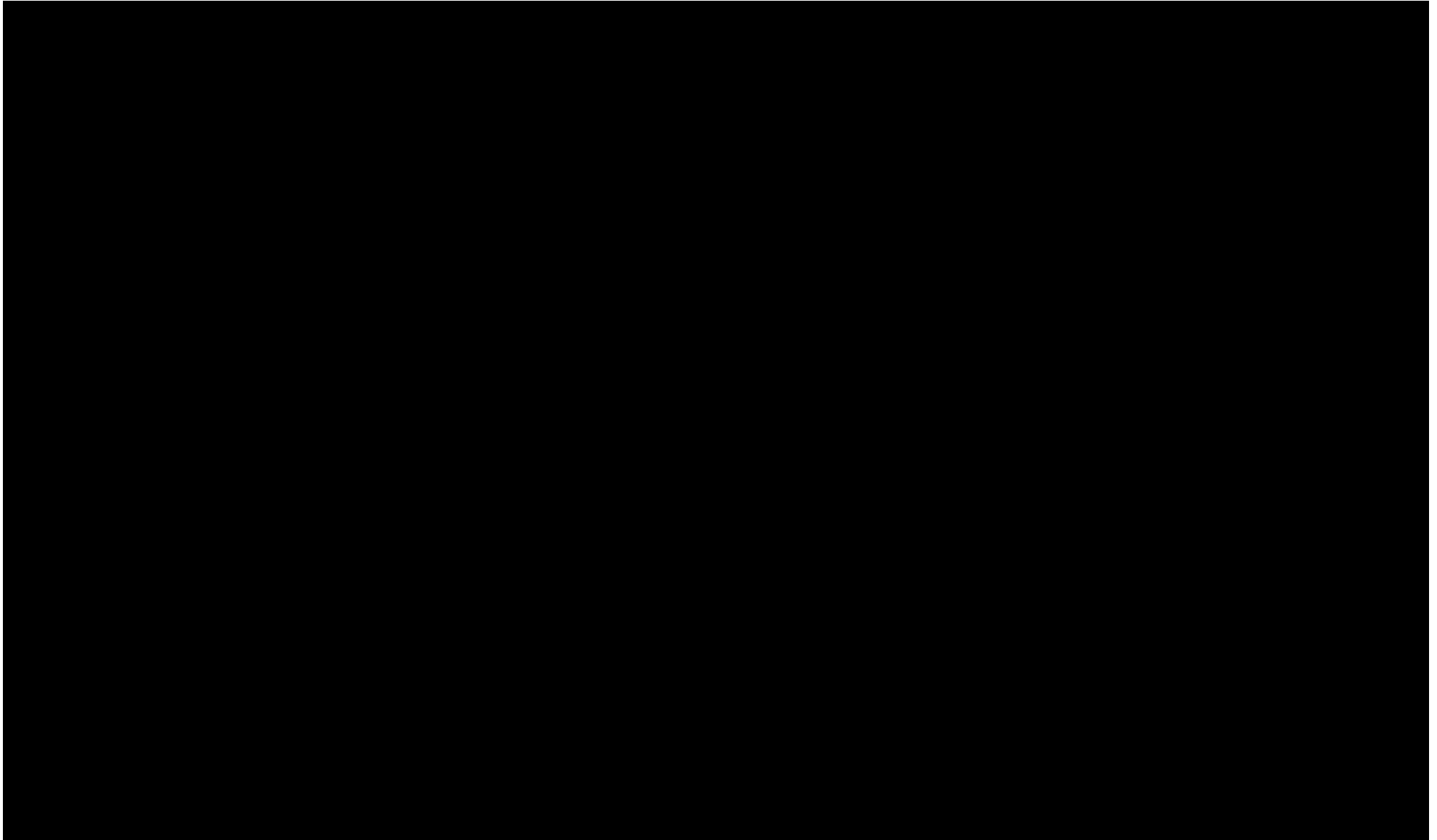


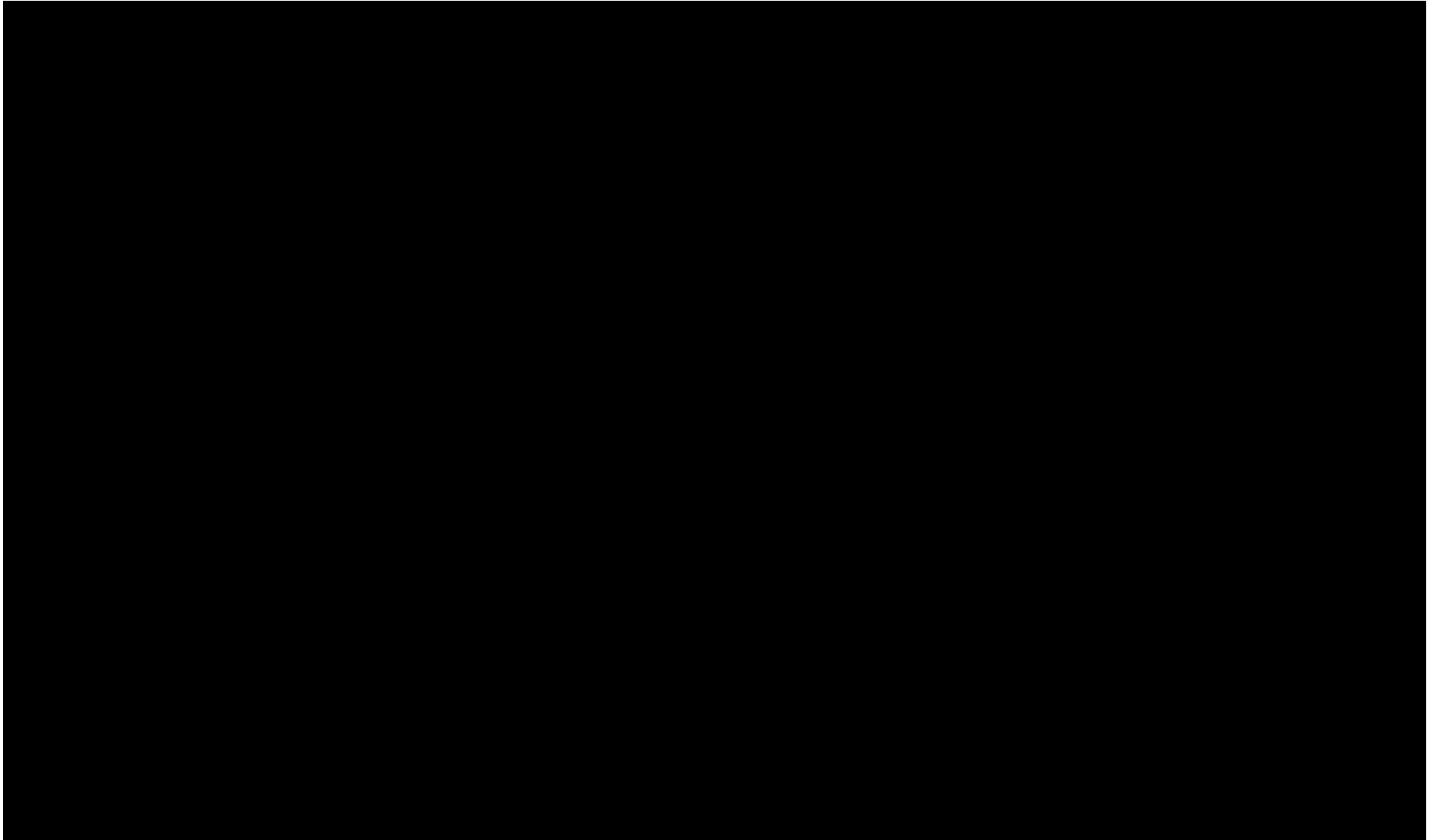


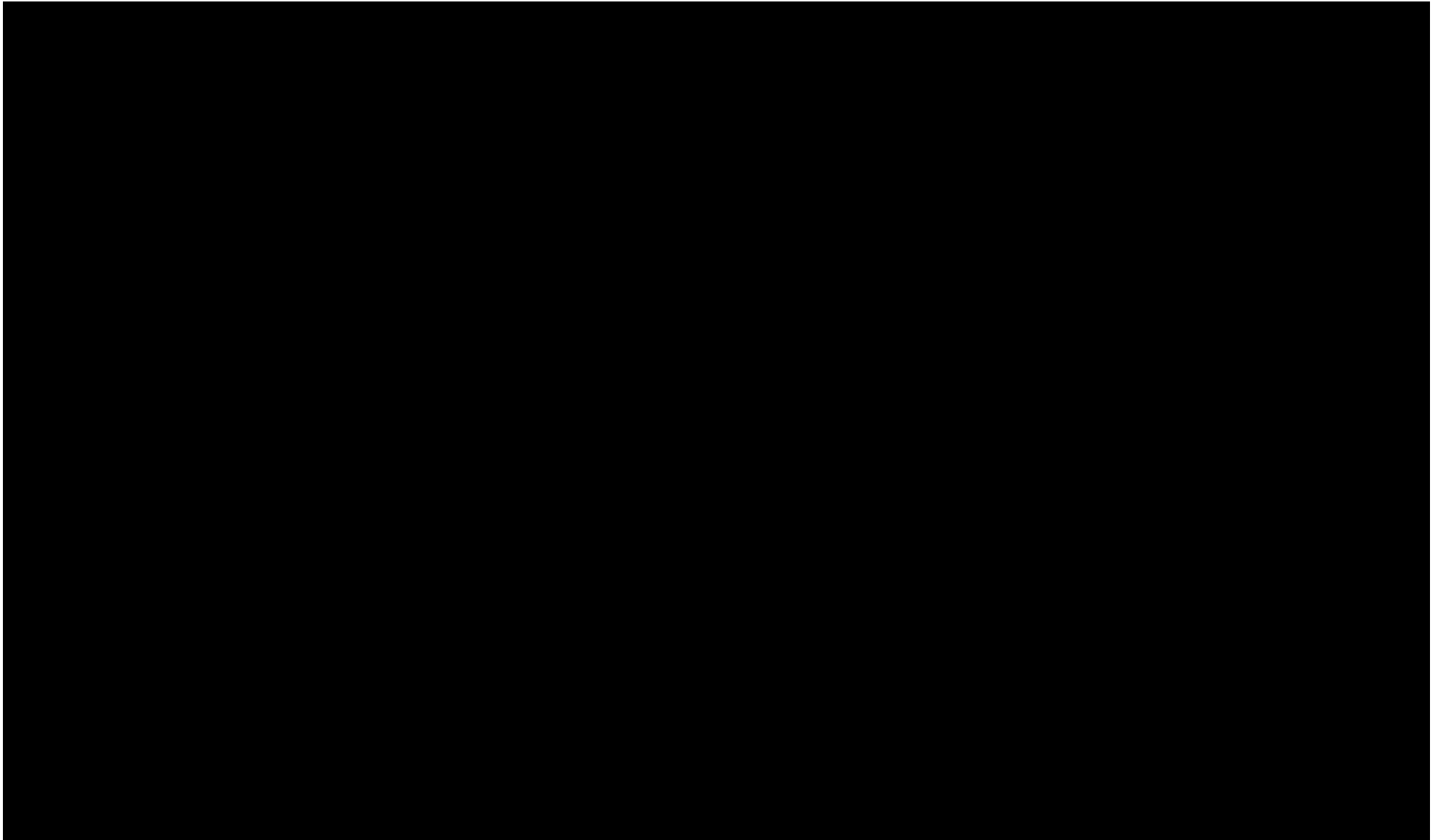


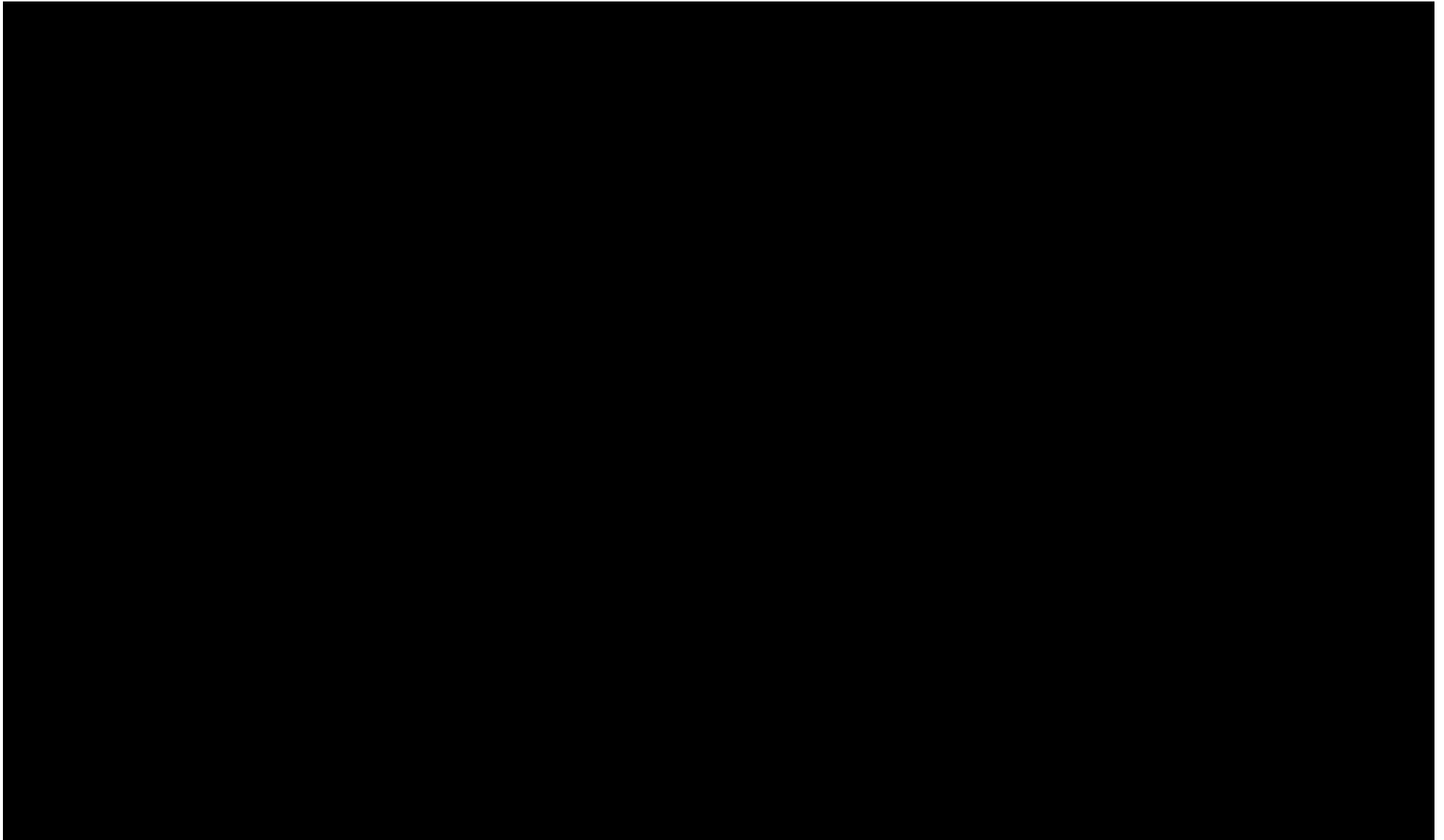


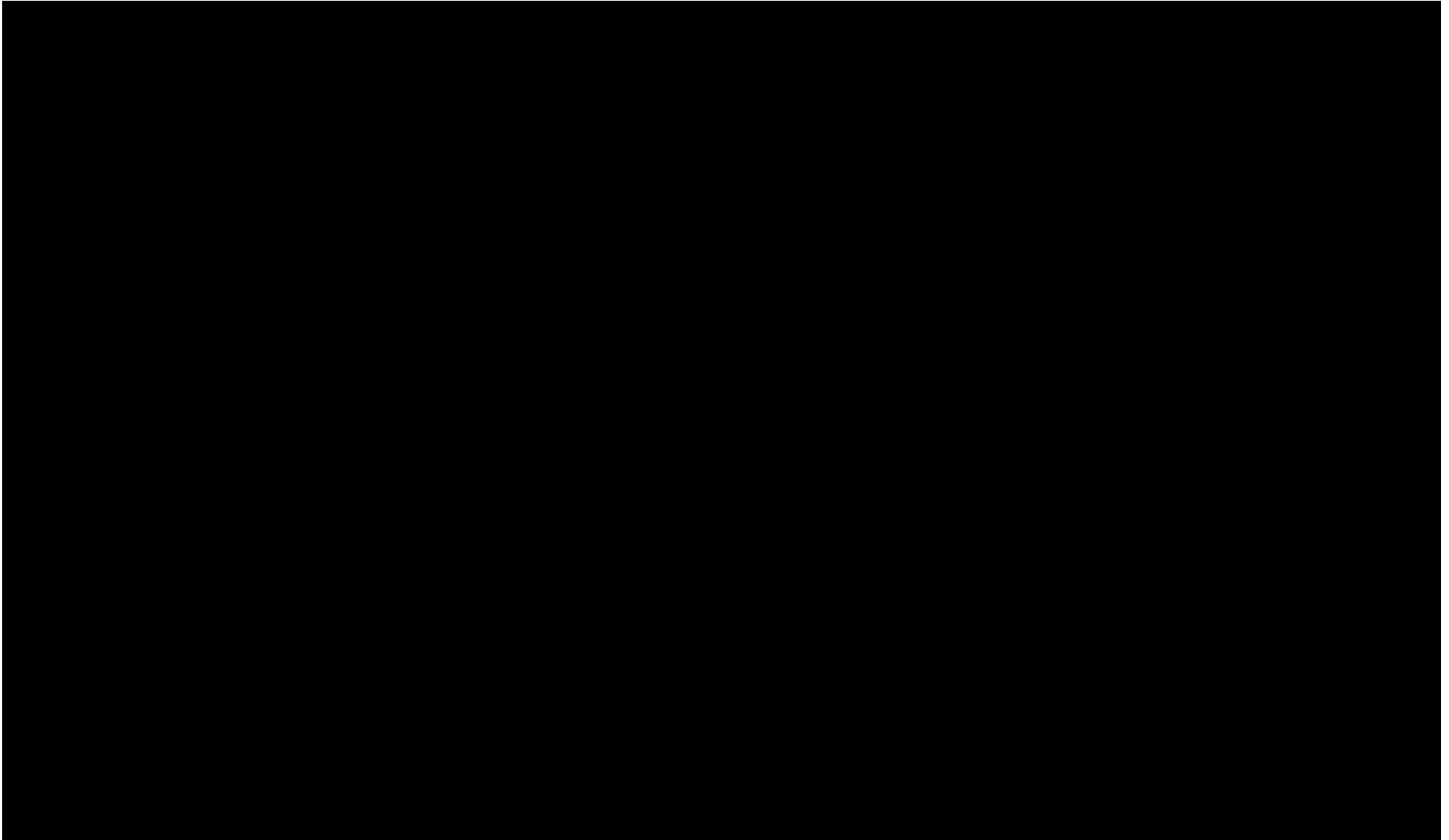




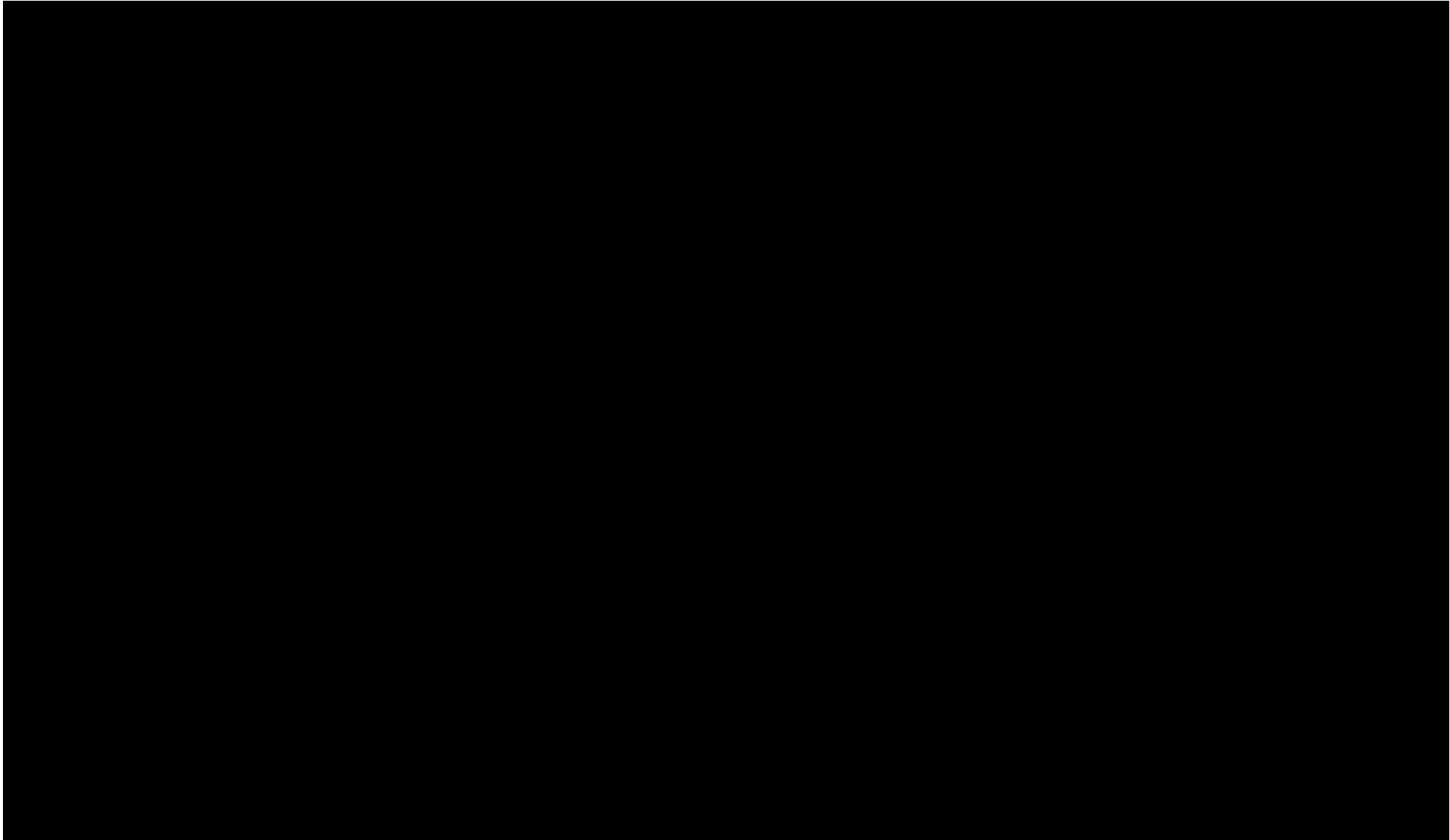


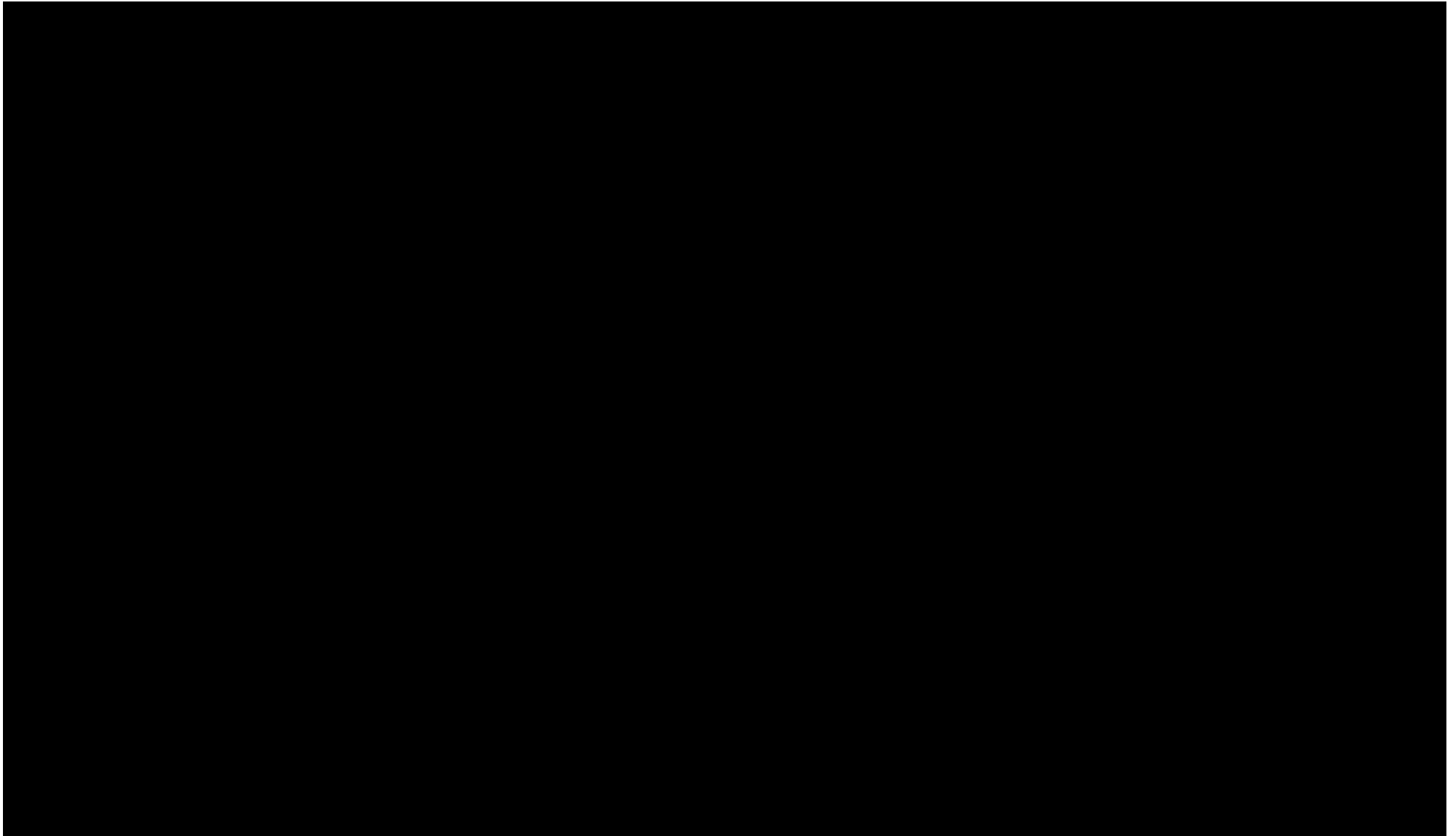


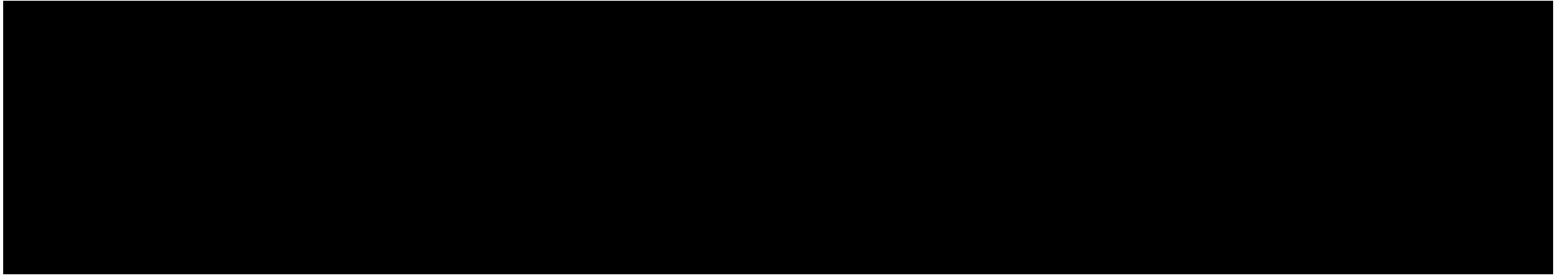


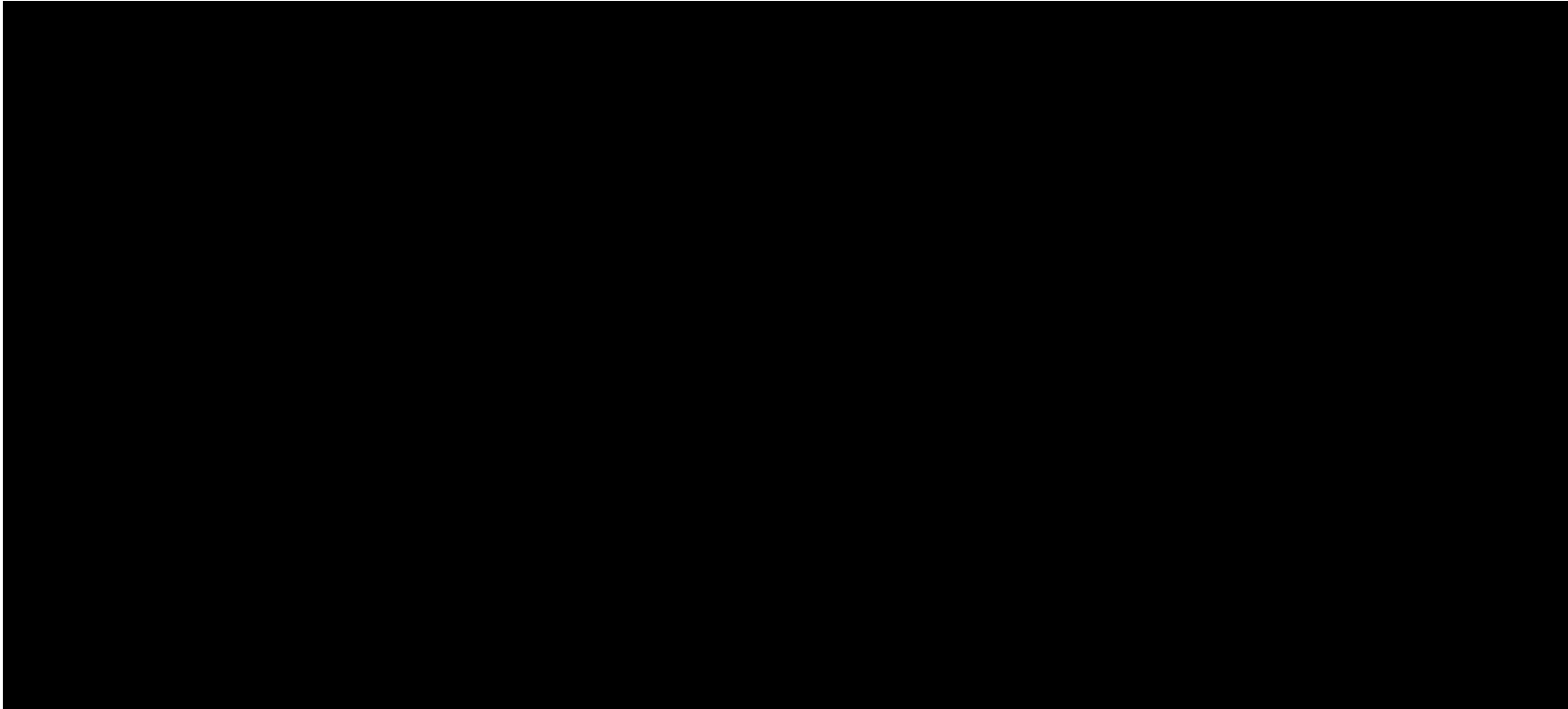












## 6 Structuring Inspection, Maintenance Procedures and Overhaul Instructions in a Logical Order

### 6.1 Providing inspection, maintenance and overhaul staff with clear, accurate and up-to-date work instructions

We will provide our maintenance and overhaul staff with a complete suite of maintenance documentation. This will include:

- Preventive maintenance instructions
- Overhaul maintenance instructions
- Corrective maintenance instructions
- Troubleshooting (fault diagnosis) instructions
- Training documentation
- Schematic circuit diagrams, connection diagrams, wiring diagrams and pneumatic schematics
- Illustrated Parts Catalogue (IPC)

We will base our maintenance documentation on original equipment manufacturer (OEM) documentation. We will further develop the OEM documentation using our specialist knowledge so that the final maintenance documentation takes full account of the safety criticalities, access details, Human Factors and component inter-relationships of the combined systems.

### 6.2 Presenting clear and consistent work information and instructions

Bombardier Transportation UK has a central Technical Publications team, responsible for the delivery of manuals for new build projects and the ongoing update and support of manuals for operational fleets supported by Bombardier.

The suite of maintenance manuals to be supplied for the Crossrail *AVENTRA* project are as follows:

- Technical Information Manual (TIM)
- Vehicle Maintenance Instructions (VMI)
- Vehicle Maintenance Schedule (VMS)
- Vehicle Maintenance Procedures (VMP)
- Component Exchange Instructions (CEI)
  - Included in VMI/VMP
- Component Maintenance and Overhaul Instructions
  - Included in VMI/VMP
- Book of Schematic diagrams (BSD)
- Illustrated List of Spares (ILOS)
- Train Recovery Manual

To promote correct working methods, all our maintenance documentation will follow the Bombardier standard work breakdown structure so that it provides a clear, logical and consistent content that is easy for staff to follow. The key sections of this structure are explained below.

### 6.2.1 Preliminary information

This section will list:

- |                                      |   |
|--------------------------------------|---|
| <b>1 Job number</b>                  | <b>2 Job title</b>                                  |
| <b>3 Safety criticalities</b>        | <b>4 Competence requirements</b>                    |
| <b>5 Tools required</b>              | <b>6 Materials required</b>                         |
| <b>7 Minimum facilities required</b> | <b>8 Consumables required</b>                       |
| <b>9 Safety conditions required</b>  | <b>10 Document issue number and revision status</b> |

**Task details.** This section will use simplified English (used in military and aviation manuals) and a clear, logical structure to explain how a worker will complete a maintenance task. All clauses within a task will be sequentially numbered and supported (when appropriate) by line drawings, photographs or 3D models.

Caution and warning indications will be included at the appropriate stage in each task, using standard icons and red-coloured text. Where a set of task details references other tasks, these secondary tasks will be clearly identified using job number and description (or hyperlinks in the electronic versions).

### 6.2.2 Completion information

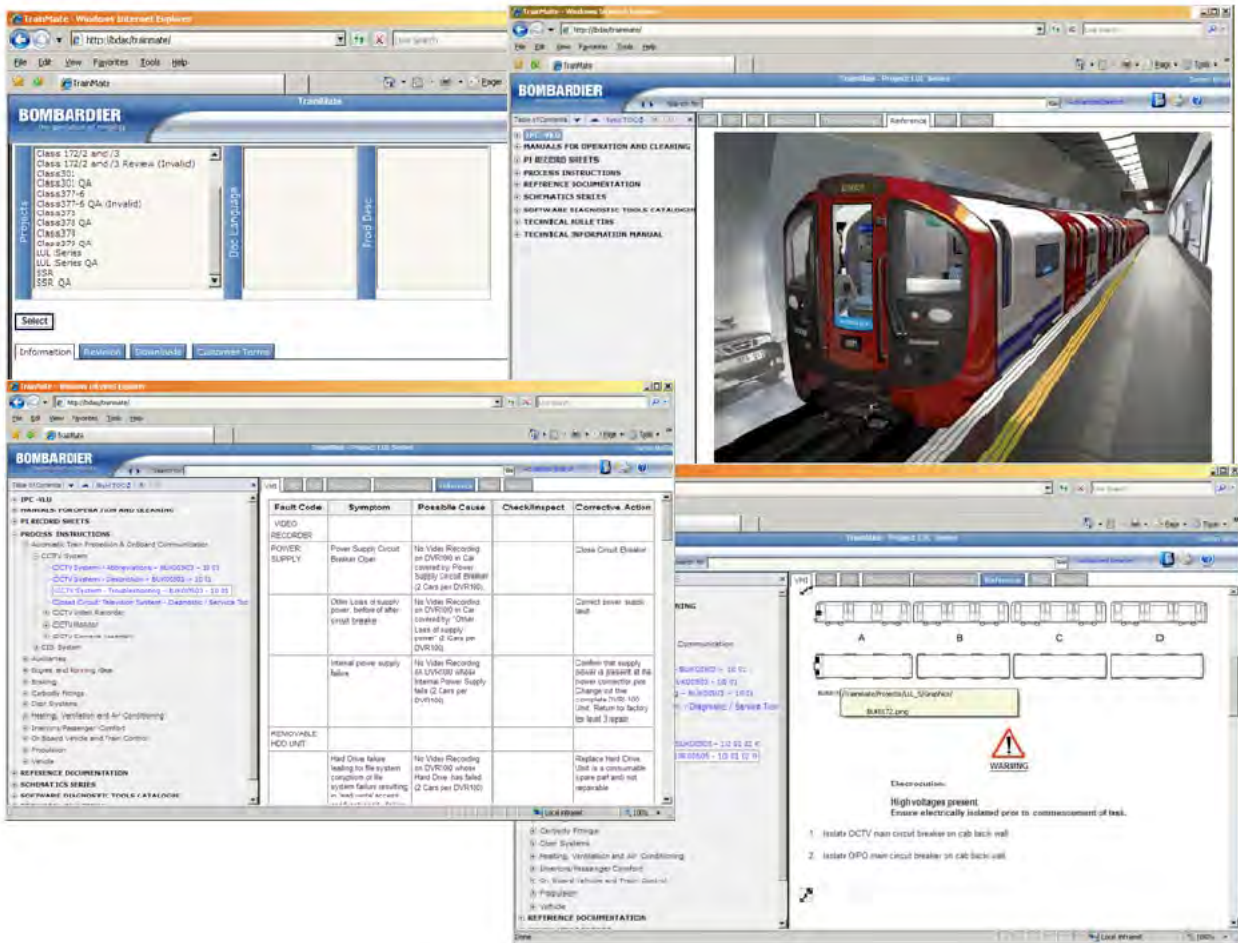
The completion information will include:

- References to other documents that must be completed as part of the task
- Required actions if non-conformities are identified
- Actions required to return the train to a safe condition
- An example vehicle maintenance instruction from the Class 379 fleet is provided at Annex A

### 6.2.3 Maintenance Information Storage and Control

All manuals will be delivered electronically using Bombardier’s Trainmate® system. This allows online access to the current, approved manuals; with a facility to print out paper copies should this be required.





Throughout original creation and ongoing support, any updates to the manuals will be managed by the AVENTRA team within the central Technical Publications organisation.

Throughout the life of the fleet, the manuals and maintenance instructions will be updated on a regular basis as a result of:

- Engineering changes
- Maintenance Optimisation
- Feedback from train operators and maintainers
- Best practice identified on other fleets
- In response to NIRs or other safety bulletins
- Changes in operational duty cycles

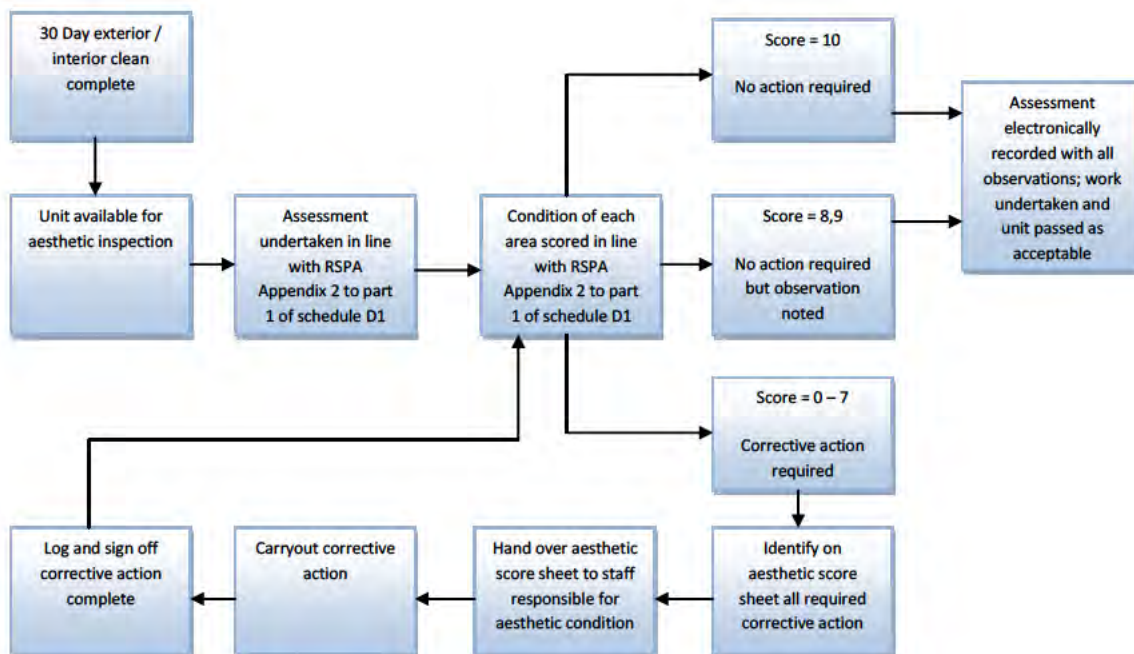
The schedule of updates will be agreed with the train operator, and all changes will be approved in accordance with agreed processes in accordance with RFL's Safety Management System.

This process is in line with proven process on existing fleet maintenance projects including Virgin West Coast, Arriva Cross Country, First TransPennine Express, LOROL, Greater Anglia and London Underground contracts.



## 7 Measurement of Aesthetic Condition

Each unit will be required for aesthetic condition assessment following each 30 day exterior and interior heavy clean. On completion of these activities, an allocated independent member of staff (one who has not undertaken the activities) will be actioned to carry out the aesthetic inspection so ensuring the areas of the train identified in RSPA Appendix 2 to part 1 of Schedule D1 are fully assessed and scored accordingly, depending on the score given, each area will then be subject to a pass/fail criteria with scores assessed between 8 -10 requiring no corrective action and scores between 0 – 7 requiring corrective action. The following flow chart defines this procedure in more detail.



Bombardier has proven experience in carrying out such aesthetic scoring as part of its obligations for London Overground on the Class 378 project. An example VMI from this project is shown in Annex B.

## 8 Special Tools and Simulators

The Depot Asset Register will include the following critical plant and equipment, as a minimum:

- Special tools
- Simulators

All required maintenance will be controlled through the [REDACTED] maintenance management system following the same process of control as per train maintenance and will be managed by the Facility Manager.

The maintenance plan will be developed for the depot, simulator and special tools alongside the vehicle maintenance plan as described in section 3.2 with supplier information defining the required maintenance periodicities and validation and scrutiny of these proposals via an engineering review to ensure an optimised regime.

Example maintenance tasks for special tools and the simulator are given below. As per previous plans these are preliminary.

System	Job Title	Periodicity
P8 profile gauge	Calibration	Annual
Oscilloscope	Calibration	Annual
Headlight beam alignment jig	Clean and lubricate	Annual
Door jigs	Clean and lubricate	Annual
Driver Simulator	Verify Projector Lamp Hours	Six monthly
Driver Simulator	Internal equipment cabinet clean	Six monthly
Driver Simulator	Lens cleaning	Six monthly
Driver Simulator	Projector calibration	Six monthly

Note: Many special tools require no planned maintenance however with all tools Bombardier technicians will carry out a visual inspection before use for condition and will any defective or damaged tools will be immediately replaced/repared.

[REDACTED]

### Project experience

Further Bombardier are responsible for maintaining special tools on multiple projects such as Class 222 East Midlands Trains, Class 357 c2c and has been undertaking this work for over ten years in multiple depots.

## 9 Developing the Maintenance Plan to Final Form

### 9.1 Maintenance Plan Development Programme

Updating the Maintenance plan falls into two distinct areas, the product development phase and In service operation phase.

#### 9.1.1 Product Development Phase

During the product development phase, the maintenance development plan will be continuously update with the following activities having a significant influence on the development of the plan:

- Preliminary Maintenance Plan defined – [REDACTED]
- Maintenance concept design freeze (based on concept design freeze) – [REDACTED]
- Final Issue Technical Requirement Documents for suppliers (with Maintenance requirements) – [REDACTED]
- Vehicle Level FMEA Complete – [REDACTED]
- Initial Vehicle Level BLESS Complete – [REDACTED]
- Detailed Design Reviews Complete – [REDACTED]
- Virtual Maintenance Task Validation Complete – [REDACTED]
- Final Vehicle Level BLESS – [REDACTED]
- Finalised BLESS documents – [REDACTED]
- VMS Compilation and Rationalisation – [REDACTED]

[REDACTED]

#### 9.1.2 In Service Operation Phase

We continually review (and, when necessary, update) the maintenance plan. We carry out a full review of the plan every two years, following the principles of the maintenance optimisation process. Our review will use an analysis of the fleet reliability [REDACTED] [REDACTED] to fine-tune the maintenance plan so that our maintenance process continues to maximise unit reliability and availability.

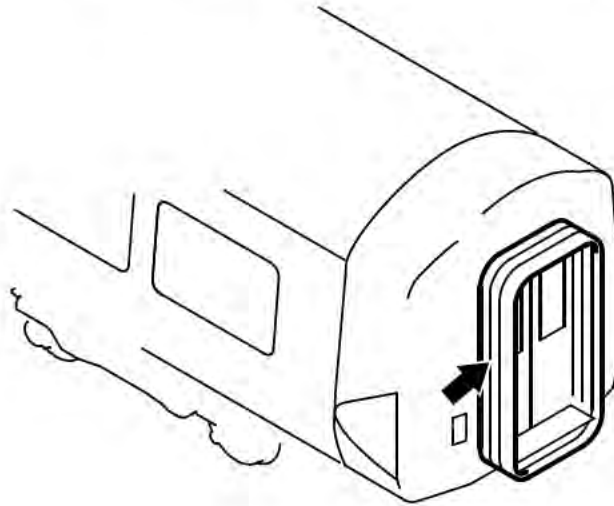
## 10 Frequency of Aesthetic Exam, Exterior Heavy Clean and Interior Heavy Clean

<b>Task</b>	<b>Periodicity</b>	<b>Designated Road</b>	<b>Maintenance Road Features</b>
Daily clean	1 Day	S10 – S43	
Exterior clean	2 Days (maximum)	S10 – S43	Nose end clean facility
Exterior heavy clean	30 Days	M2	Heavy wash facility
Interior heavy clean	30 Days	S10 – S43	Access to interior
Aesthetic Exam	30 Days	S10 – S43	Access to interior











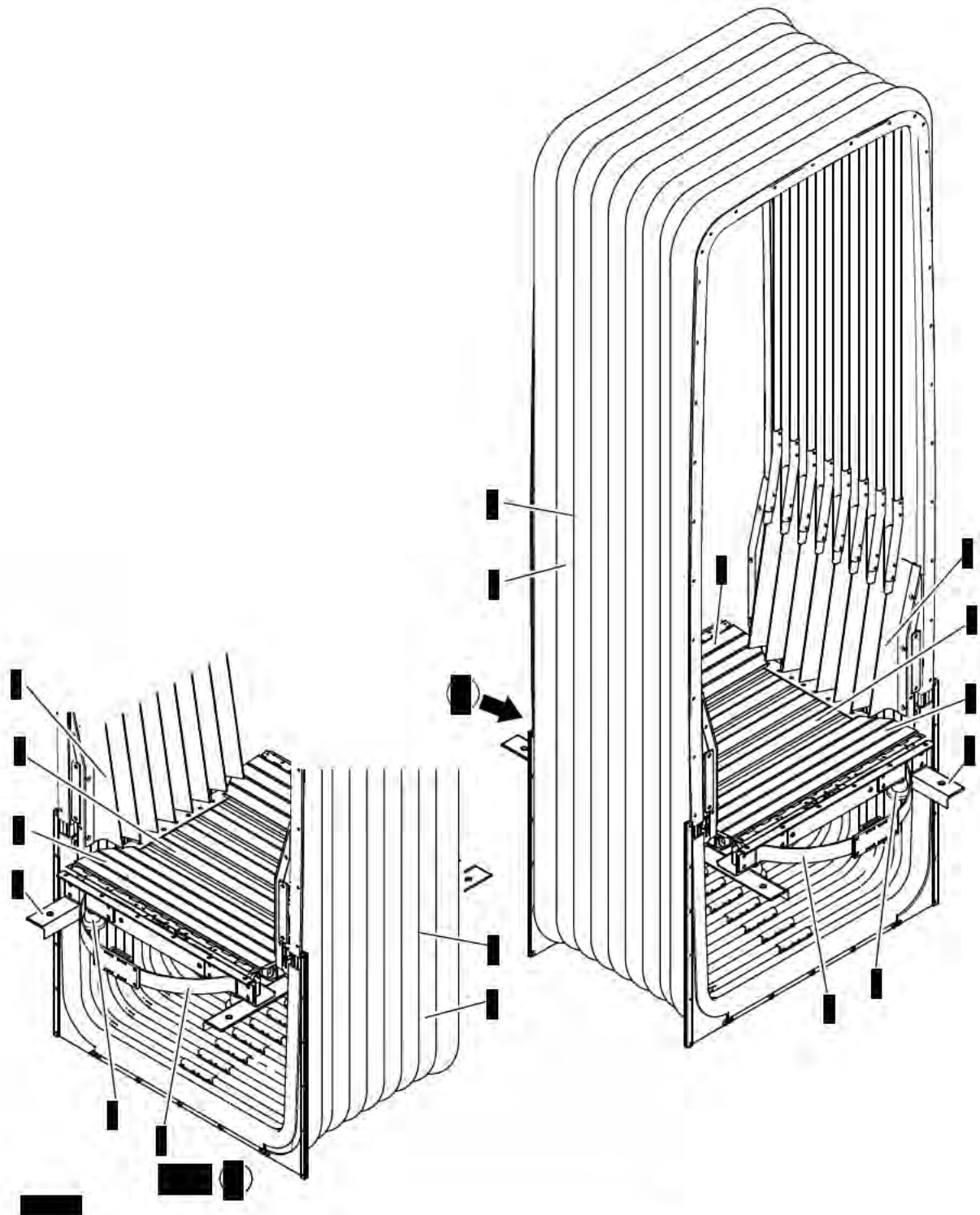
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**Activity 1: Preparation**

- 1.1 Make sure the Traction Brake Controller (TBC) is in Brake Step 3.
- 1.2 Press the **AUX ON** pushbutton.
- 1.3 Insert the driver's key and unlock the Driver's Direction Switch (DDS).
- 1.4 Turn the DDS to the **N** position.
- 1.5 Wait at least 5 seconds then acknowledge 

-  
-  
-  
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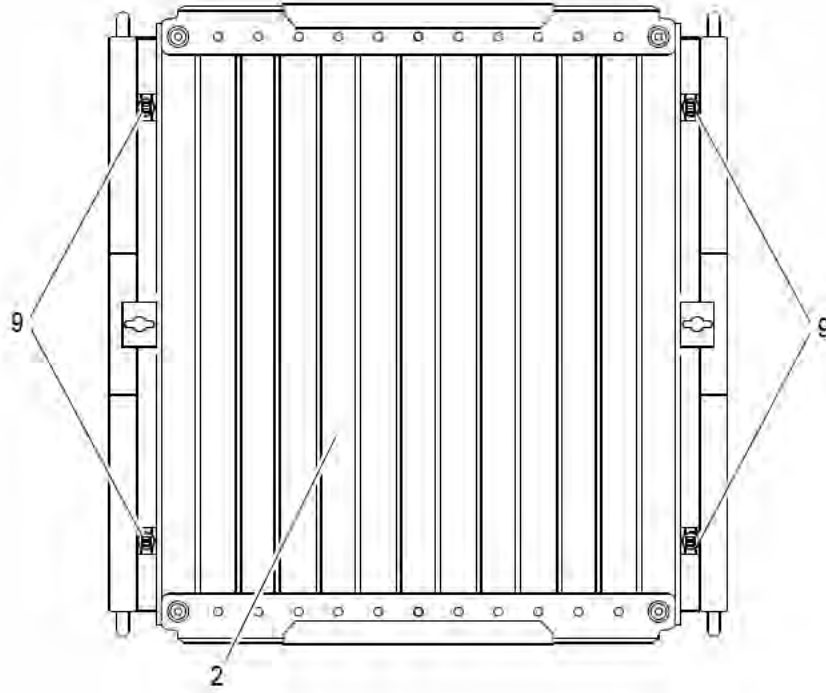




■ [REDACTED]

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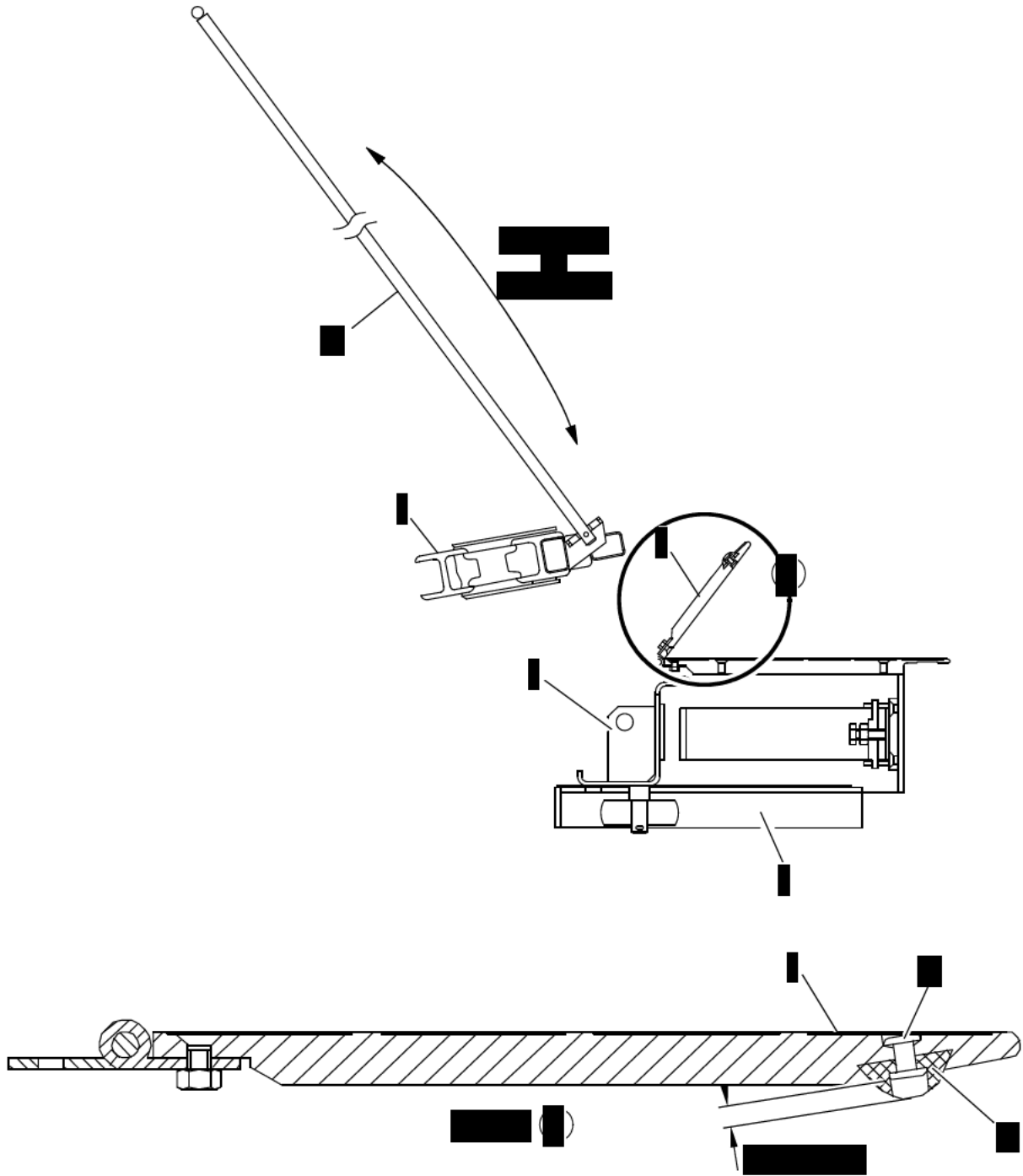


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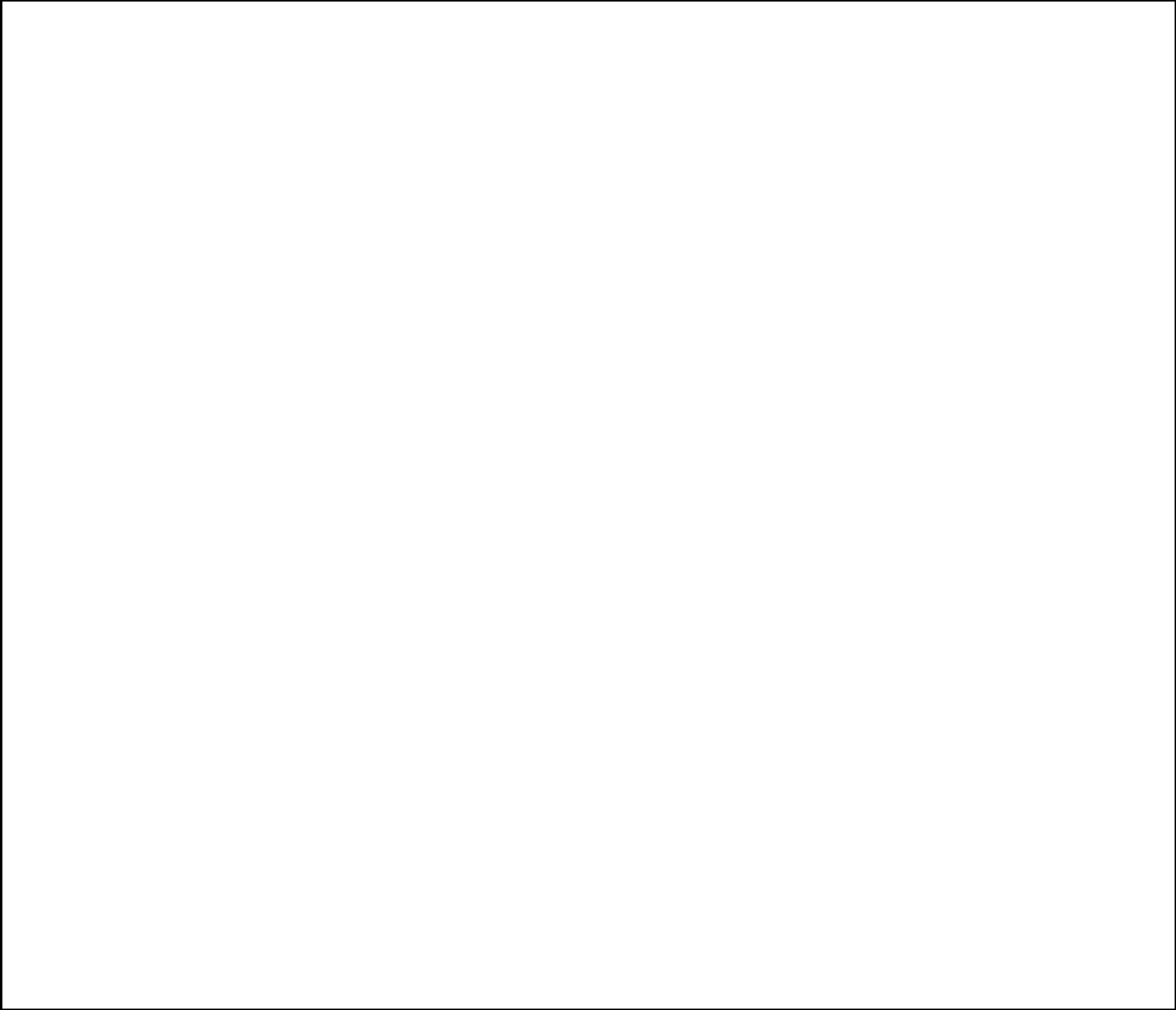
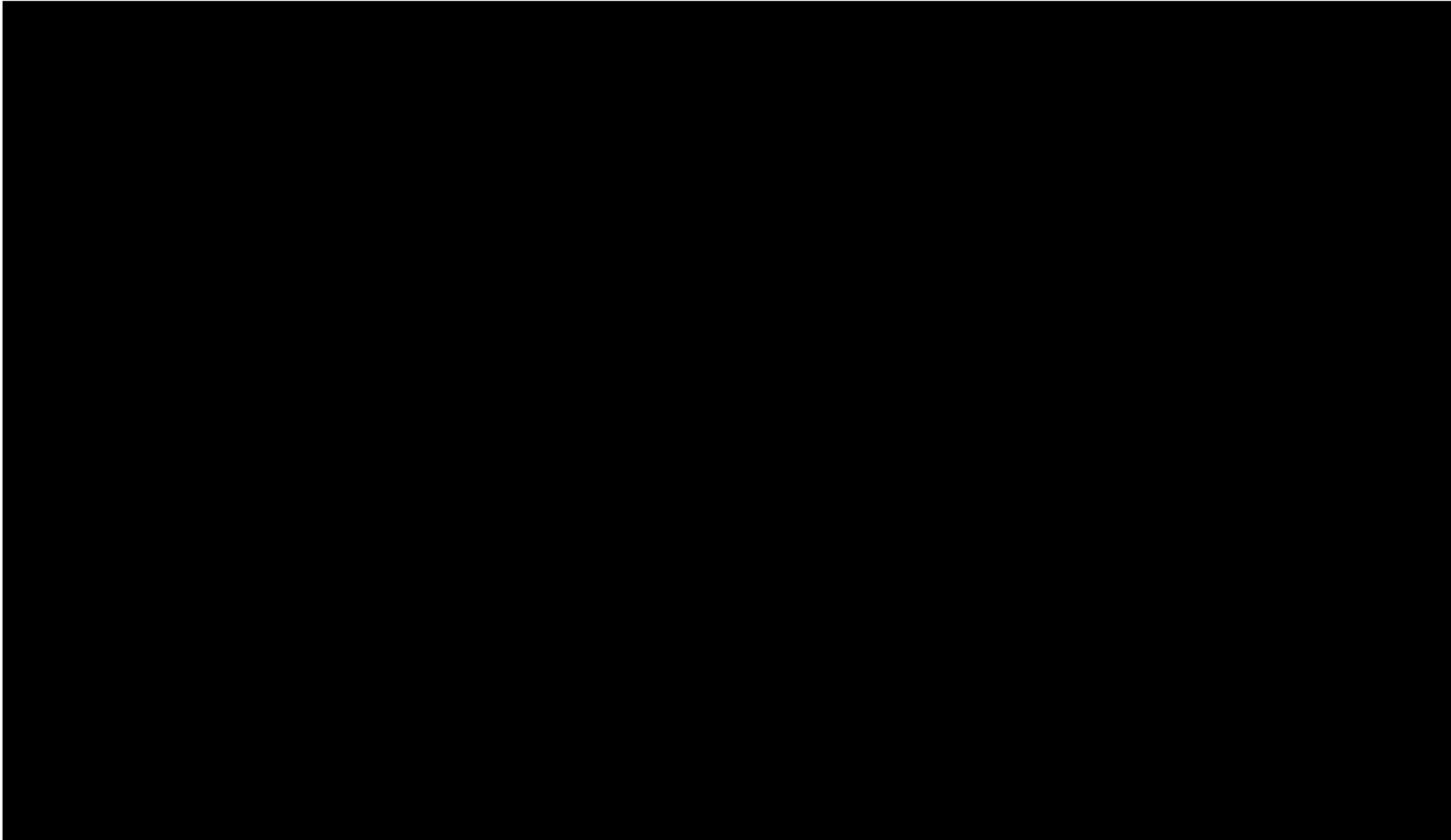


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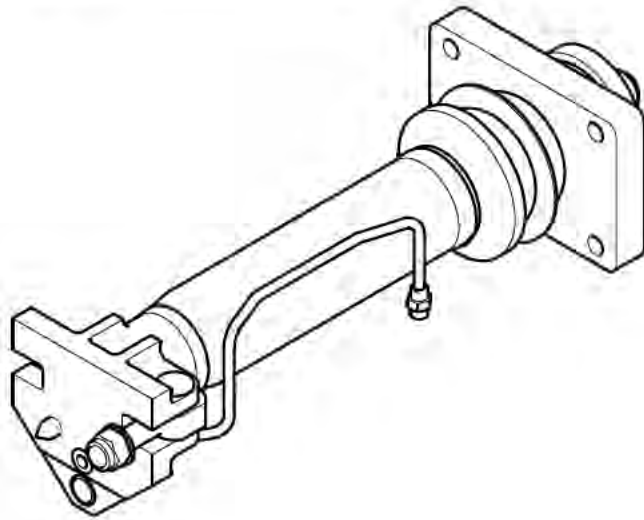
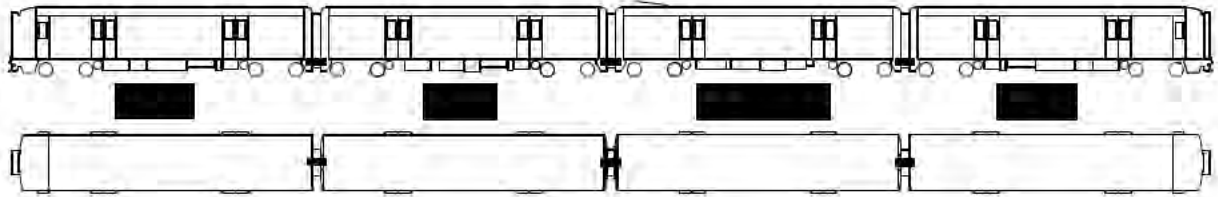
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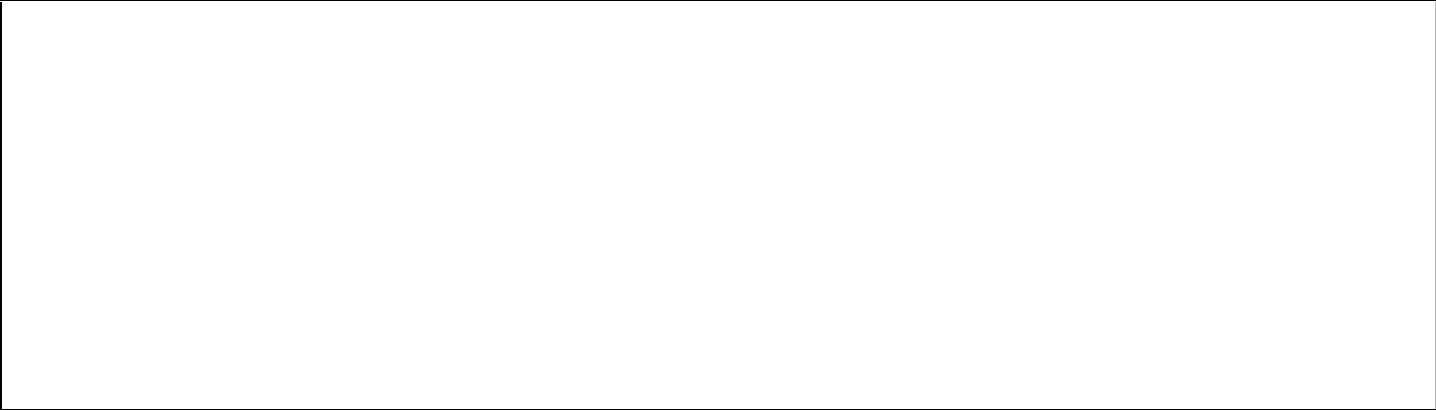
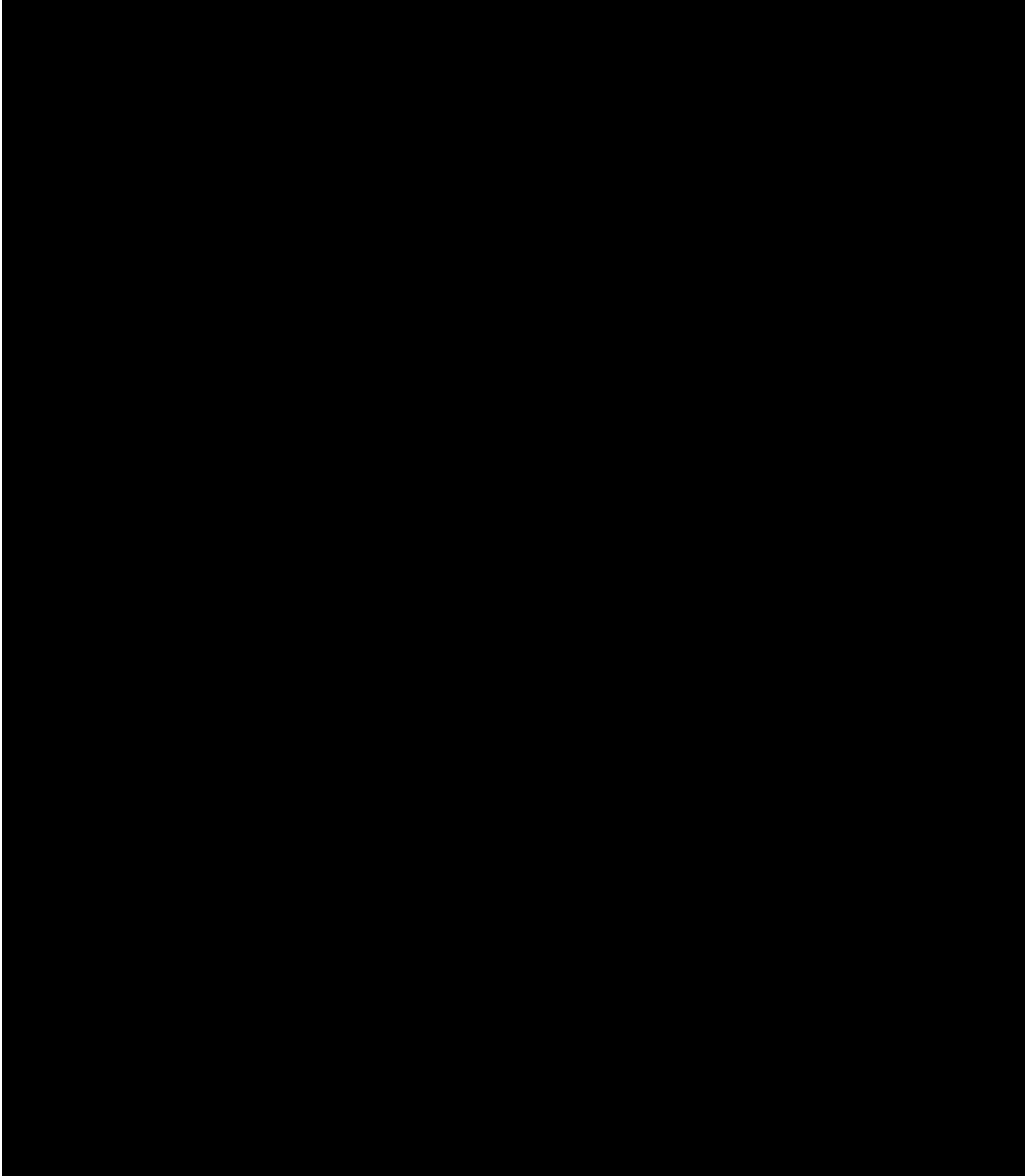
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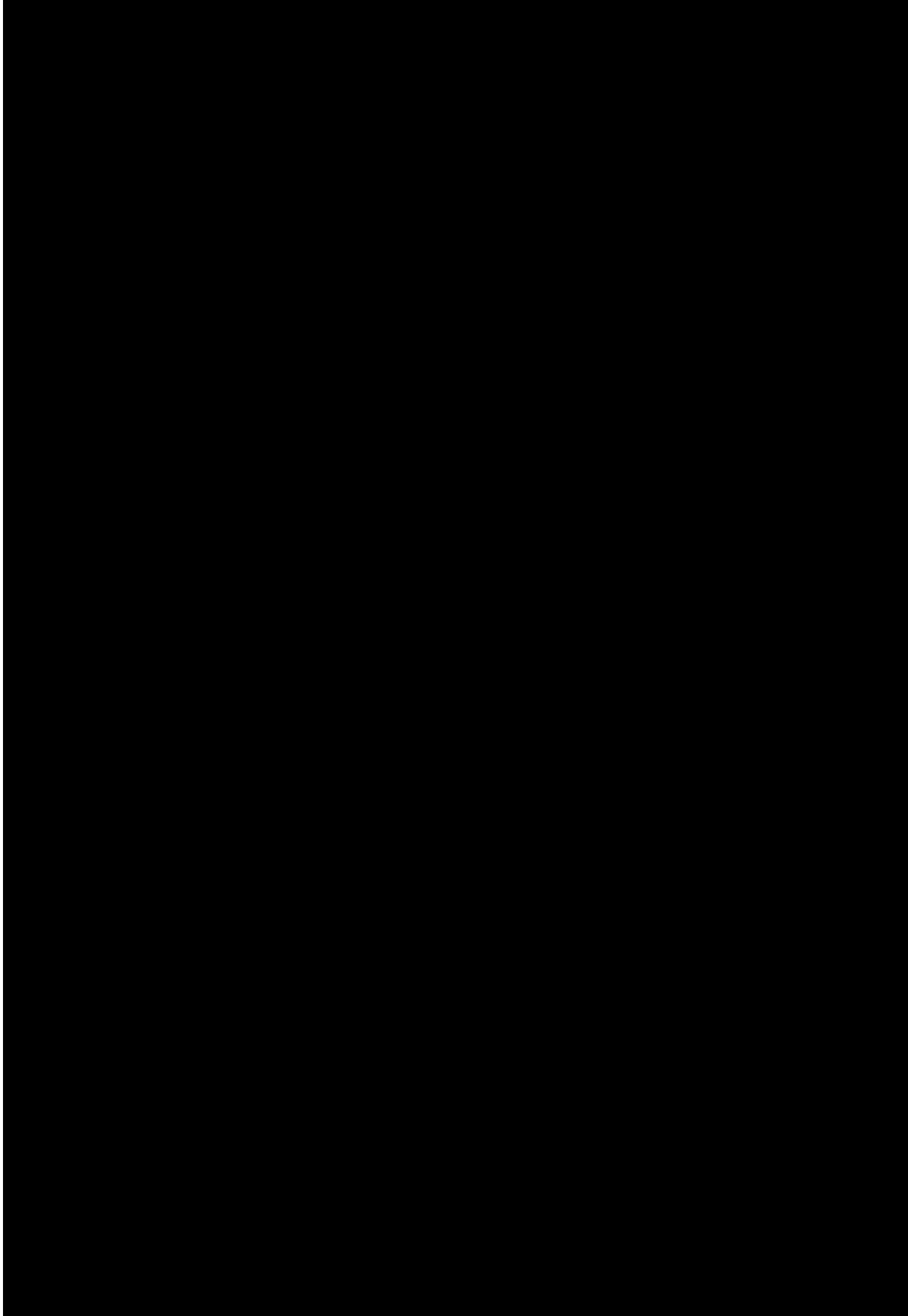
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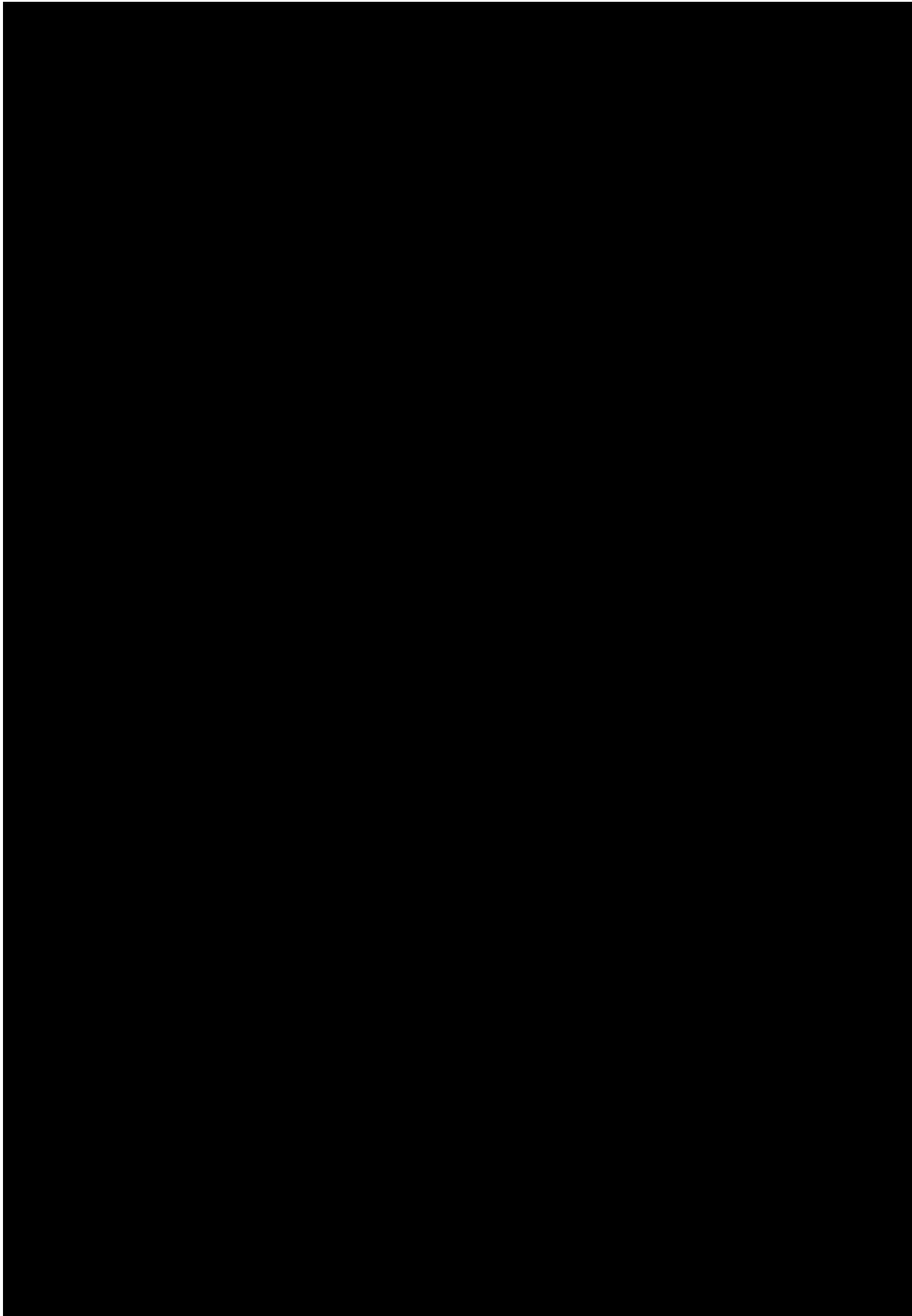
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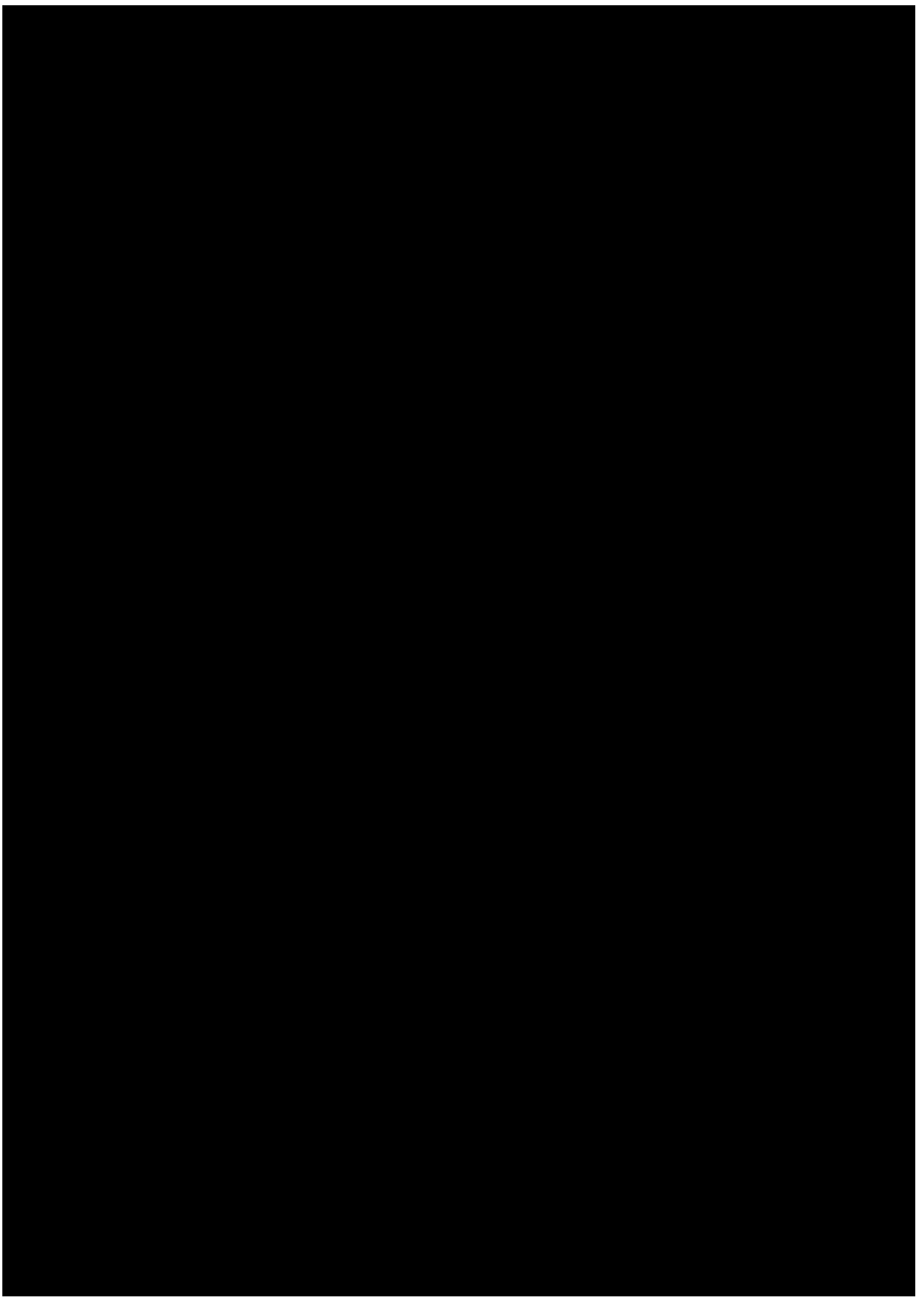












**SCHEDULE D2**

**Diagrams**

**Part 1 – Stage 1a Crossrail Services****Stage 1 SX**

Diagram 41		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 42					
41	ILFEMUD		04:40:30	5W00	
41	LIVST	05:10:00	05:20:00	2W00	00:10:00
41	SHENFLD	06:07:30	06:14:00	2W07	00:06:30
41	LIVST	06:57:00	07:10:00	2W18	00:13:00
41	SHENFLD	07:53:00	08:00:00	2W29	00:07:00
41	LIVST	08:42:00	08:52:00	5C42	00:10:00
41	GIDEPKS	09:24:00	16:56:00	5C14	07:32:00
41	LIVST	17:30:00	17:39:00	2C14	00:09:00
41	GIDEAPK	18:07:00	18:08:00	5C64	00:01:00
41	GIDEPKS	18:10:00			

Work Diagram 42

Diagram 42		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 41					
42	GIDEPKS		05:10:00	5W01	
42	SHENFLD	05:21:00	05:29:00	2W01	00:08:00
42	LIVST	06:12:00	06:20:00	2W08	00:08:00
42	SHENFLD	07:03:00	07:14:00	2W19	00:11:00
42	LIVST	07:53:00	08:00:00	2W28	00:07:00
42	SHENFLD	08:43:00	08:54:00	2W39	00:11:00
42	LIVST	09:37:00	09:50:00	2W50	00:13:00
42	SHENFLD	10:33:00	10:44:00	2W61	00:11:00
42	LIVST	11:27:00	11:40:00	2W72	00:13:00
42	SHENFLD	12:23:00	12:34:00	2W83	00:11:00
42	LIVST	13:17:00	13:30:00	2W94	00:13:00
42	SHENFLD	14:13:00	14:24:00	2W05	00:11:00
42	LIVST	15:07:00	15:20:00	2W18	00:13:00
42	SHENFLD	16:03:00	16:14:00	2W27	00:11:00
42	LIVST	16:57:00	17:07:00	2W38	00:10:00
42	SHENFLD	17:47:00	17:54:00	2W47	00:07:00
42	LIVST	18:33:00	18:40:00	2W58	00:07:00
42	SHENFLD	19:23:00	19:29:30	5X07	00:06:30
42	LIVST	20:09:30	20:23:30	5X06	00:14:00
42	ILFEMUD	20:49:00			

Work Diagram 41

Diagram 43		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 44					

43 ILFEMUD		05:22:00	5W94	
43 LIVST	05:43:00	06:00:00	2W04	00:17:00
43 SHENFLD	06:43:00	06:54:00	2W15	00:11:00
43 LIVST	07:33:00	07:40:00	2W24	00:07:00
43 SHENFLD	08:25:00	08:32:00	2W35	00:07:00
43 LIVST	09:14:00	09:22:00	5C48	00:08:00
43 GIDEPKS	09:54:00	11:40:00	5W80	01:46:00
43 LIVST	12:13:00	12:20:00	2W80	00:07:00
43 SHENFLD	13:03:00	13:14:00	2W91	00:11:00
43 LIVST	13:57:00	14:10:00	2W04	00:13:00
43 SHENFLD	14:53:00	15:04:00	2W13	00:11:00
43 LIVST	15:47:00	16:00:00	2W26	00:13:00
43 SHENFLD	16:43:00	16:54:00	2W35	00:11:00
43 LIVST	17:37:00	17:46:00	2W46	00:09:00
43 SHENFLD	18:27:00	18:34:00	2W55	00:07:00
43 LIVST	19:17:00	19:30:00	2W70	00:13:00
43 SHENFLD	20:13:00	20:24:00	2W77	00:11:00
43 LIVST	21:07:00	21:20:00	2W92	00:13:00
43 SHENFLD	22:03:00	22:14:00	2W97	00:11:00
43 LIVST	22:57:00	23:20:00	2W12	00:23:00
43 SHENFLD	00:02:00	00:10:00	5C91	00:08:00
43 GIDEPKS	00:30:00			

## Work Diagram 44

Diagram 44		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 43					
44	GIDEPKS		05:25:00	5W03	
44	SHENFLD	05:36:00	05:44:00	2W03	00:08:00
44	LIVST	06:27:00	06:40:00	2W12	00:13:00
44	SHENFLD	07:23:00	07:34:00	2W23	00:11:00
44	LIVST	08:13:00	08:20:00	2W32	00:07:00
44	SHENFLD	09:03:00	09:14:00	2W43	00:11:00
44	LIVST	09:58:00	10:10:00	2W54	00:12:00
44	SHENFLD	10:53:00	11:04:00	2W65	00:11:00
44	LIVST	11:47:00	12:00:00	2W76	00:13:00
44	SHENFLD	12:43:00	12:54:00	2W87	00:11:00
44	LIVST	13:37:00	13:50:00	2W98	00:13:00
44	SHENFLD	14:33:00	14:44:00	2W09	00:11:00
44	LIVST	15:27:00	15:40:00	2W22	00:13:00
44	SHENFLD	16:23:00	16:34:00	2W31	00:11:00
44	LIVST	17:17:00	17:27:00	2W42	00:10:00
44	SHENFLD	18:07:00	18:14:00	2W51	00:07:00
44	LIVST	18:53:00	19:00:00	2W64	00:07:00
44	SHENFLD	19:43:00	19:54:00	2W71	00:11:00
44	LIVST	20:37:00	20:50:00	2W86	00:13:00

44 SHENFLD	21:33:00	21:44:00 2W93	00:11:00
44 LIVST	22:27:00	22:50:00 2W08	00:23:00
44 SHENFLD	23:33:00	23:44:00 2W09	00:11:00
44 LIVST	00:27:00	00:55:00 2W20	00:28:00
44 SHENFLD	01:38:00	01:45:00 5V19	00:07:00
44 ILFORD	02:02:00	02:07:00 5V19	00:05:00
44 ILFEMUD	02:18:00		

## Work Diagram 43

Diagram 45		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 46					
45 GIDEPKS			05:40:00	5W05	
45 SHENFLD		05:51:00	06:04:00	2W05	00:13:00
45 LIVST		06:47:00	07:00:00	2W16	00:13:00
45 SHENFLD		07:43:00	07:50:00	2W27	00:07:00
45 LIVST		08:29:00	08:40:00	2W36	00:11:00
45 SHENFLD		09:23:00	09:34:00	2W47	00:11:00
45 LIVST		10:17:00	10:30:00	2W58	00:13:00
45 SHENFLD		11:13:00	11:24:00	2W69	00:11:00
45 LIVST		12:07:00	12:15:00	5W69	00:08:00
45 GIDEPKS		12:45:00	16:36:00	5C10	03:51:00
45 LIVST		17:09:00	17:20:00	2C10	00:11:00
45 GIDEAPK		17:48:00	17:50:00	5C60	00:02:00
45 GIDEPKM		17:52:00	17:59:00	5C49	00:07:00
45 GIDEAPK		18:01:00	18:02:00	2C49	00:01:00
45 LIVST		18:30:00	18:37:00	2W56	00:07:00
45 SHENFLD		19:17:00	19:24:00	2W65	00:07:00
45 LIVST		20:07:00	20:20:00	2W80	00:13:00
45 SHENFLD		21:03:00	21:14:00	2W87	00:11:00
45 LIVST		21:57:00	22:07:00	5C52	00:10:00
45 ILFEMUD		22:35:00			

## Work Diagram 46

Diagram 46		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 45					
46 ILFEMUD			05:53:00	5W10	
46 LIVST		06:17:30	06:30:00	2W10	00:12:30
46 SHENFLD		07:13:00	07:24:00	2W21	00:11:00
46 LIVST		08:03:00	08:10:00	2W30	00:07:00
46 SHENFLD		08:53:00	09:04:00	2W41	00:11:00
46 LIVST		09:47:00	10:00:00	2W52	00:13:00
46 SHENFLD		10:43:00	10:54:00	2W63	00:11:00
46 LIVST		11:37:00	11:50:00	2W74	00:13:00
46 SHENFLD		12:33:00	12:44:00	2W85	00:11:00

46 LIVST	13:27:00	13:40:00 2W96	00:13:00
46 SHENFLD	14:23:00	14:34:00 2W07	00:11:00
46 LIVST	15:17:00	15:30:00 2W20	00:13:00
46 SHENFLD	16:13:00	16:24:00 2W29	00:11:00
46 LIVST	17:07:00	17:17:00 2W40	00:10:00
46 SHENFLD	17:57:00	18:04:00 2W49	00:07:00
46 LIVST	18:43:00	18:50:00 2C30	00:07:00
46 GIDEAPK	19:18:00	19:20:00 5C30	00:02:00
46 GIDEPKS	19:22:00		

## Work Diagram 45

Diagram 47		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 48					
47 GIDEPKS			06:02:00	5W09	
47 SHENFLD		06:13:00	06:24:00	2W09	00:11:00
47 LIVST		07:07:00	07:14:00	3C21	00:07:00
47 GIDEPKS		07:44:00	07:56:00	5C21	00:12:00
47 GIDEAPK		07:58:00	07:59:00	2C21	00:01:00
47 LIVST		08:26:00	08:37:00	5C37	00:11:00
47 GIDEPKS		09:08:00	12:26:00	5Z02	03:18:00
47 LIVST		12:59:00	13:06:00	5Z03	00:07:00
47 ILFEMUD		13:30:00	14:00:00	5Z03	00:30:00
47 GIDEPKS		14:23:30	16:26:00	5C08	02:02:30
47 LIVST		16:59:00	17:10:00	2C08	00:11:00
47 GIDEAPK		17:38:00	17:40:00	5C58	00:02:00
47 GIDEPKM		17:42:00	17:49:00	5C47	00:07:00
47 GIDEAPK		17:51:00	17:52:00	2C47	00:01:00
47 LIVST		18:20:00	18:27:00	2W54	00:07:00
47 SHENFLD		19:07:00	19:14:00	2W63	00:07:00
47 LIVST		19:57:00	20:10:00	2W78	00:13:00
47 SHENFLD		20:53:00	21:04:00	2W85	00:11:00
47 LIVST		21:47:00	22:05:00	2W02	00:18:00
47 SHENFLD		22:48:00	22:59:00	2W03	00:11:00
47 LIVST		23:42:00	00:01:00	2C32	00:19:00
47 GIDEAPK		00:31:00	00:33:00	5C32	00:02:00
47 GIDEPKS		00:35:00			

## Work diagram 51

Diagram 48		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 51					
48 ILFEMUD			06:20:00	5C67	
48 GIDEPKM		06:34:00	06:46:00	5C07	00:12:00
48 GIDEAPK		06:48:00	06:49:00	2C07	00:01:00
48 LIVST		07:20:00	07:27:00	3C23	00:07:00

48 GIDEPKM	07:54:00	08:12:00	5C25	00:18:00
48 GIDEAPK	08:14:00	08:15:00	2C25	00:01:00
48 LIVST	08:46:00	08:55:00	5V12	00:09:00
48 ILFEMUD	09:21:00	16:05:00	5W34	06:44:00
48 LIVST	16:31:00	16:47:00	2W34	00:16:00
48 SHENFLD	17:27:00	17:34:00	2W43	00:07:00
48 LIVST	18:13:00	18:20:00	2C26	00:07:00
48 GIDEAPK	18:48:00	18:50:00	5C26	00:02:00
48 GIDEPKS	18:52:00			

## Work Diagram 47

Diagram 49		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 50					
49 ILFEMUD			06:40:00	5C61	
49 GIDEPKM		06:54:00	07:06:00	5C11	00:12:00
49 GIDEAPK		07:08:00	07:09:00	2C11	00:01:00
49 LIVST		07:40:00	07:47:00	3C31	00:07:00
49 GIDEPKM		08:16:00	08:24:00	5C31	00:08:00
49 GIDEAPK		08:26:00	08:29:00	2C31	00:03:00
49 LIVST		08:59:00	09:10:00	2W42	00:11:00
49 SHENFLD		09:53:00	10:04:00	2W53	00:11:00
49 LIVST		10:47:00	11:00:00	2W64	00:13:00
49 SHENFLD		11:43:00	11:54:00	2W75	00:11:00
49 LIVST		12:37:00	12:50:00	2W86	00:13:00
49 SHENFLD		13:33:00	13:44:00	2W97	00:11:00
49 LIVST		14:27:00	14:40:00	2W10	00:13:00
49 SHENFLD		15:23:00	15:34:00	2W19	00:11:00
49 LIVST		16:17:00	16:36:00	2W32	00:19:00
49 SHENFLD		17:17:00	17:24:00	2W41	00:07:00
49 LIVST		18:03:00	18:10:00	2C24	00:07:00
49 GIDEAPK		18:38:00	18:40:00	5C24	00:02:00
49 GIDEPKS		18:42:00			

## Work Diagram 50

Diagram 50		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 49					
50 GIDEPKS			07:16:00	5C13	
50 GIDEAPK		07:18:00	07:19:00	2C13	00:01:00
50 LIVST		07:50:00	07:57:00	3C35	00:07:00
50 GIDEPKM		08:27:00	08:35:00	5C35	00:08:00
50 GIDEAPK		08:37:00	08:41:00	2C35	00:04:00
50 LIVST		09:11:00	09:20:00	2W44	00:09:00
50 SHENFLD		10:03:00	10:14:00	2W55	00:11:00
50 LIVST		10:57:00	11:10:00	2W66	00:13:00

50 SHENFLD	11:53:00	12:04:00 2W77	00:11:00
50 LIVST	12:47:00	13:00:00 2W88	00:13:00
50 SHENFLD	13:43:00	13:54:00 2W99	00:11:00
50 LIVST	14:37:00	14:50:00 2W12	00:13:00
50 SHENFLD	15:33:00	15:44:00 2W21	00:11:00
50 LIVST	16:27:00	16:40:00 2C02	00:13:00
50 GIDEAPK	17:08:00	17:10:00 5C02	00:02:00
50 GIDEPKM	17:12:00	17:19:00 3C20	00:07:00
50 LIVST	17:49:00	17:59:00 2C20	00:10:00
50 GIDEAPK	18:27:00	18:28:00 5C20	00:01:00
50 GIDEPKS	18:30:00	18:50:00 5X21	00:20:00
50 LIVST	19:21:00	19:28:00 5X20	00:07:00
50 ILFEMUD	19:53:00		

## Work Diagram 49

Diagram	Location	Arr	Dep	ID	T/A
Diagram 51					
Traction: 345					
Off Diagram 47					
51	GIDEPKS		07:46:00	5C19	
51	GIDEAPK	07:48:00	07:49:00	2C19	00:01:00
51	LIVST	08:20:00	08:27:00	3C33	00:07:00
51	CHDWHTT	08:47:00	08:52:00	2C37	00:05:00
51	LIVST	09:18:00	09:30:00	2W46	00:12:00
51	SHENFLD	10:13:00	10:24:00	2W57	00:11:00
51	LIVST	11:07:00	11:20:00	2W68	00:13:00
51	SHENFLD	12:03:00	12:14:00	2W79	00:11:00
51	LIVST	12:57:00	13:10:00	2W90	00:13:00
51	SHENFLD	13:53:00	14:04:00	2W01	00:11:00
51	LIVST	14:47:00	15:00:00	2W14	00:13:00
51	SHENFLD	15:43:00	15:54:00	2W23	00:11:00
51	LIVST	16:37:00	16:50:00	2C04	00:13:00
51	GIDEAPK	17:18:00	17:20:00	5C04	00:02:00
51	GIDEPKM	17:22:00	17:29:00	5C43	00:07:00
51	GIDEAPK	17:31:00	17:32:00	2C43	00:01:00
51	LIVST	18:00:00	18:07:00	2W50	00:07:00
51	SHENFLD	18:47:00	18:54:00	2W59	00:07:00
51	LIVST	19:37:00	19:50:00	2W74	00:13:00
51	SHENFLD	20:33:00	20:44:00	2W81	00:11:00
51	LIVST	21:27:00	21:40:00	2W96	00:13:00
51	SHENFLD	22:23:00	22:24:00	5W96	00:01:00
51	SHENFDS	22:26:00	22:40:00	5W96	00:14:00
51	SHENFLD	22:42:00	22:44:00	2W01	00:02:00
51	LIVST	23:27:00	23:50:00	2W16	00:23:00
51	SHENFLD	00:33:00	00:55:00	5V65	00:22:00
51	ILFORD	01:13:30	01:17:30	5V65	00:04:00
51	ILFEMUD	01:29:30			



Work Diagram 48

Diagram 52		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off Diagram 52					
52	ILFEMUD		08:09:30	5C29	
52	CHDWHTT	08:20:30	08:29:30	2C29	00:09:00
52	LIVST	08:56:00	09:05:00	5C44	00:09:00
52	SHENFLD	09:46:00	09:57:30	5T99	00:11:30
52	LIVST	10:39:00	10:46:00	5T00	00:07:00
52	SHENFLD	11:25:30	11:37:30	5T01	00:12:00
52	LIVST	12:22:00	12:35:30	5T02	00:13:30
52	SHENFLD	13:15:00	13:26:30	5T03	00:11:30
52	LIVST	14:11:30	14:18:00	5T04	00:06:30
52	SHENFLD	14:57:30	15:07:00	5T05	00:09:30
52	ILFEMUD	15:42:00			
Work Diagram 52					

**Stage 1 SO**

Diagram 41			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 42					
41	ILFEMUD		04:11:00	5W07	
41	SHENFLD	04:32:00	04:39:00	2W99	00:07:00
41	LIVST	05:20:00	05:28:00	2W14	00:08:00
41	SHENFLD	06:03:30	06:14:00	2W07	00:10:30
41	LIVST	06:57:00	07:10:00	2W18	00:13:00
41	SHENFLD	07:53:00	08:04:00	2W29	00:11:00
41	LIVST	08:47:00	09:00:00	2W40	00:13:00
41	SHENFLD	09:43:00	09:54:00	2W51	00:11:00
41	LIVST	10:37:00	10:50:00	2W62	00:13:00
41	SHENFLD	11:33:00	11:44:00	2W73	00:11:00
41	LIVST	12:27:00	12:40:00	2W84	00:13:00
41	SHENFLD	13:23:00	13:34:00	2W95	00:11:00
41	LIVST	14:17:00	14:30:00	2W08	00:13:00
41	SHENFLD	15:13:00	15:24:00	2W17	00:11:00
41	LIVST	16:07:00	16:20:00	2W30	00:13:00
41	SHENFLD	17:03:00	17:14:00	2W39	00:11:00
41	LIVST	17:57:00	18:10:00	2W52	00:13:00
41	SHENFLD	18:53:00	19:04:00	2W61	00:11:00
41	LIVST	19:47:00	20:00:00	2W76	00:13:00
41	SHENFLD	20:43:00	20:59:00	2W83	00:16:00
41	LIVST	21:42:00	22:05:00	2W02	00:23:00
41	SHENFLD	22:48:00	22:56:00	2W03	00:08:00
41	LIVST	23:32:00	00:01:00	2C32	00:29:00
41	GIDEAPK	00:31:00	00:33:00	5C32	00:02:00
41	GIDEPKS	00:35:00			
Works Sun Diagram 43					

Diagram 42			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 44					
42	ILFEMUD		04:41:00	5W01	
42	SHENFLD	05:02:00	05:09:00	2W01	00:07:00
42	LIVST	05:50:00	06:10:00	2W06	00:20:00
42	SHENFLD	06:53:00	07:04:00	2W17	00:11:00
42	LIVST	07:47:00	08:00:00	2W28	00:13:00
42	SHENFLD	08:43:00	08:54:00	2W39	00:11:00
42	LIVST	09:37:00	09:50:00	2W50	00:13:00
42	SHENFLD	10:33:00	10:44:00	2W61	00:11:00
42	LIVST	11:27:00	11:40:00	2W72	00:13:00
42	SHENFLD	12:23:00	12:34:00	2W83	00:11:00
42	LIVST	13:17:00	13:30:00	2W94	00:13:00
42	SHENFLD	14:13:00	14:24:00	2W05	00:11:00

42 LIVST	15:07:00	15:20:00 2W18	00:13:00
42 SHENFLD	16:03:00	16:14:00 2W27	00:11:00
42 LIVST	16:57:00	17:10:00 2W40	00:13:00
42 SHENFLD	17:53:00	18:04:00 2W49	00:11:00
42 LIVST	18:47:00	19:00:00 2W64	00:13:00
42 SHENFLD	19:43:00	19:54:00 2W71	00:11:00
42 LIVST	20:37:00	20:50:00 2W86	00:13:00
42 SHENFLD	21:33:00	21:44:00 2W93	00:11:00
42 LIVST	22:27:00	22:50:00 2W08	00:23:00
42 SHENFLD	23:33:00	23:44:00 2W09	00:11:00
42 LIVST	00:27:00	00:55:00 2W20	00:28:00
42 SHENFLD	01:38:00	01:45:00 5V19	00:07:00
42 ILFORD	02:02:00	02:09:00 5V19	00:07:00
42 ILFEMUD	02:21:00		

Works SX Diagram 49

Diagram 43			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 45					
43 ILFEMUD			05:03:30	5C01	
43 LIVST		05:23:00	05:40:00	2W02	00:17:00
43 SHENFLD		06:23:00	06:44:00	2W13	00:21:00
43 LIVST		07:27:00	07:40:00	2W24	00:13:00
43 SHENFLD		08:23:00	08:34:00	2W35	00:11:00
43 LIVST		09:17:00	09:30:00	2W46	00:13:00
43 SHENFLD		10:13:00	10:24:00	2W57	00:11:00
43 LIVST		11:07:00	11:20:00	2W68	00:13:00
43 SHENFLD		12:03:00	12:14:00	2W79	00:11:00
43 LIVST		12:57:00	13:10:00	2W90	00:13:00
43 SHENFLD		13:53:00	14:04:00	2W01	00:11:00
43 LIVST		14:47:00	15:00:00	2W14	00:13:00
43 SHENFLD		15:43:00	15:54:00	2W23	00:11:00
43 LIVST		16:37:00	16:50:00	2W36	00:13:00
43 SHENFLD		17:33:00	17:44:00	2W45	00:11:00
43 LIVST		18:27:00	18:40:00	2W58	00:13:00
43 SHENFLD		19:23:00	19:34:00	2W67	00:11:00
43 LIVST		20:17:00	20:30:00	2W82	00:13:00
43 SHENFLD		21:13:00	21:29:00	2W89	00:16:00
43 LIVST		22:12:00	22:35:00	2W06	00:23:00
43 SHENFLD		23:18:00	23:26:00	2W07	00:08:00
43 LIVST		00:02:00	00:32:00	2C34	00:30:00
43 GIDEAPK		01:02:00	01:05:00	5C34	00:03:00
43 GIDEPKS		01:07:00			

Works Sun Diagram 46

Diagram 44 Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 51					
44	ILFEMUD		05:12:00	5W03	
44	SHENFLD	05:33:00	05:44:00	2W03	00:11:00
44	LIVST	06:27:00	06:40:00	2W12	00:13:00
44	SHENFLD	07:23:00	07:34:00	2W23	00:11:00
44	LIVST	08:17:00	08:30:00	2W34	00:13:00
44	SHENFLD	09:13:00	09:24:00	2W45	00:11:00
44	LIVST	10:07:00	10:20:00	2W56	00:13:00
44	SHENFLD	11:03:00	11:14:00	2W67	00:11:00
44	LIVST	11:57:00	12:10:00	2W78	00:13:00
44	SHENFLD	12:53:00	13:04:00	2W89	00:11:00
44	LIVST	13:47:00	14:00:00	2W02	00:13:00
44	SHENFLD	14:43:00	14:54:00	2W11	00:11:00
44	LIVST	15:37:00	15:50:00	2W24	00:13:00
44	SHENFLD	16:33:00	16:44:00	2W33	00:11:00
44	LIVST	17:27:00	17:40:00	2W46	00:13:00
44	SHENFLD	18:23:00	18:34:00	2W55	00:11:00
44	LIVST	19:17:00	19:30:00	2W70	00:13:00
44	SHENFLD	20:13:00	20:24:00	2W77	00:11:00
44	LIVST	21:07:00	21:20:00	2W92	00:13:00
44	SHENFLD	22:03:00	22:14:00	2W97	00:11:00
44	LIVST	22:57:00	23:20:00	2W12	00:23:00
44	SHENFLD	00:03:00	00:10:00	5V21	00:07:00
44	ILFORD	00:27:00	00:32:00	5V21	00:05:00
44	ILFEMUD	00:44:00			

Works Sun Diagram 41

Diagram 45		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 47					
45	GIDEPKS		06:12:00	5C05	
45	GIDEAPK	06:14:00	06:16:00	2C05	00:02:00
45	LIVST	06:47:00	07:00:00	2W16	00:13:00
45	SHENFLD	07:43:00	07:54:00	2W27	00:11:00
45	LIVST	08:37:00	08:50:00	2W38	00:13:00
45	SHENFLD	09:33:00	09:44:00	2W49	00:11:00
45	LIVST	10:27:00	10:40:00	2W60	00:13:00
45	SHENFLD	11:23:00	11:34:00	2W71	00:11:00
45	LIVST	12:17:00	12:30:00	2W82	00:13:00
45	SHENFLD	13:13:00	13:24:00	2W93	00:11:00
45	LIVST	14:07:00	14:20:00	2W06	00:13:00
45	SHENFLD	15:03:00	15:14:00	2W15	00:11:00
45	LIVST	15:57:00	16:10:00	2W28	00:13:00
45	SHENFLD	16:53:00	17:04:00	2W37	00:11:00
45	LIVST	17:47:00	18:00:00	2W50	00:13:00

45 SHENFLD	18:43:00	18:54:00	2W59	00:11:00
45 LIVST	19:37:00	19:50:00	2W74	00:13:00
45 SHENFLD	20:33:00	20:44:00	2W81	00:11:00
45 LIVST	21:27:00	21:50:00	2W98	00:23:00
45 SHENFLD	22:33:00	22:41:00	2W01	00:08:00
45 LIVST	23:24:00	23:50:00	2W16	00:26:00
45 SHENFLD	00:33:00	00:40:00	5V17	00:07:00
45 ILFORD	00:57:00	01:04:00	5V17	00:07:00
45 ILFEMUD	01:16:00			

Works Sun Diagram 42

Diagram 46		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 43					
46	GIDEPKS		06:32:00	5C07	
46	GIDEAPK	06:34:00	06:36:00	2C07	00:02:00
46	LIVST	07:07:00	07:20:00	2W20	00:13:00
46	SHENFLD	08:03:00	08:14:00	2W31	00:11:00
46	LIVST	08:57:00	09:10:00	2W42	00:13:00
46	SHENFLD	09:53:00	10:04:00	2W53	00:11:00
46	LIVST	10:47:00	11:00:00	2W64	00:13:00
46	SHENFLD	11:43:00	11:54:00	2W75	00:11:00
46	LIVST	12:37:00	12:50:00	2W86	00:13:00
46	SHENFLD	13:33:00	13:44:00	2W97	00:11:00
46	LIVST	14:27:00	14:40:00	2W10	00:13:00
46	SHENFLD	15:23:00	15:34:00	2W19	00:11:00
46	LIVST	16:17:00	16:30:00	2W32	00:13:00
46	SHENFLD	17:13:00	17:24:00	2W41	00:11:00
46	LIVST	18:07:00	18:20:00	2W54	00:13:00
46	SHENFLD	19:03:00	19:14:00	2W63	00:11:00
46	LIVST	19:57:00	20:10:00	2W78	00:13:00
46	SHENFLD	20:53:00	21:09:00	5V78	00:16:00
46	ILFORD	21:26:30	21:31:30	5V78	00:05:00
46	ILFEMUD	21:43:30			

Works Sun Diagram 47

Diagram 47		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 50					
47	ILFEMUD		06:50:00	5W21	
47	SHENFLD	07:11:00	07:24:00	2W21	00:13:00
47	LIVST	08:07:00	08:20:00	2W32	00:13:00
47	SHENFLD	09:03:00	09:14:00	2W43	00:11:00
47	LIVST	09:57:00	10:10:00	2W54	00:13:00
47	SHENFLD	10:53:00	11:04:00	2W65	00:11:00
47	LIVST	11:47:00	12:00:00	2W76	00:13:00

47 SHENFLD	12:43:00	12:54:00 2W87	00:11:00
47 LIVST	13:37:00	13:50:00 2W98	00:13:00
47 SHENFLD	14:33:00	14:44:00 2W09	00:11:00
47 LIVST	15:27:00	15:40:00 2W22	00:13:00
47 SHENFLD	16:23:00	16:34:00 2W31	00:11:00
47 LIVST	17:17:00	17:30:00 2W44	00:13:00
47 SHENFLD	18:13:00	18:24:00 2W53	00:11:00
47 LIVST	19:07:00	19:20:00 2W68	00:13:00
47 SHENFLD	20:03:00	20:14:00 2W75	00:11:00
47 LIVST	20:57:00	21:05:00 2W88	00:08:00
47 SHENFLD	21:48:00	21:59:00 2W95	00:11:00
47 LIVST	22:42:00	23:05:00 2W10	00:23:00
47 SHENFLD	23:48:00	23:59:30 5V13	00:11:30
47 ILFORD	00:16:30	00:23:30 5V13	00:07:00
47 ILFEMUD	00:35:30		

Works Sun Diagram 45

Diagram 48			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
Off SX diagram 48					
48 GIDEPKS			06:52:00	5W19	
48 SHENFLD		07:03:00	07:14:00	2W19	00:11:00
48 LIVST		07:57:00	08:10:00	2W30	00:13:00
48 SHENFLD		08:53:00	09:04:00	2W41	00:11:00
48 LIVST		09:47:00	10:00:00	2W52	00:13:00
48 SHENFLD		10:43:00	10:54:00	2W63	00:11:00
48 LIVST		11:37:00	11:50:00	2W74	00:13:00
48 SHENFLD		12:33:00	12:44:00	2W85	00:11:00
48 LIVST		13:27:00	13:40:00	2W96	00:13:00
48 SHENFLD		14:23:00	14:34:00	2W07	00:11:00
48 LIVST		15:17:00	15:30:00	2W20	00:13:00
48 SHENFLD		16:13:00	16:24:00	2W29	00:11:00
48 LIVST		17:07:00	17:20:00	2W42	00:13:00
48 SHENFLD		18:03:00	18:14:00	2W51	00:11:00
48 LIVST		18:57:00	19:10:00	2W66	00:13:00
48 SHENFLD		19:53:00	20:04:00	2W73	00:11:00
48 LIVST		20:47:00	20:54:00	5C74	00:07:00
48 ILFEMUD		21:24:30	21:39:30	5C74	00:15:00
48 GIDEPKS		21:54:00			

Works SX Diagram 47

Diagram 49			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
Off SX diagram 49					
49 GIDEPKS			07:02:00	5C11	
49 GIDEAPK		07:04:00	07:06:00	2C11	00:02:00

49 LIVST	07:37:00	07:50:00 2W26	00:13:00
49 SHENFLD	08:33:00	08:44:00 2W37	00:11:00
49 LIVST	09:27:00	09:40:00 2W48	00:13:00
49 SHENFLD	10:23:00	10:34:00 2W59	00:11:00
49 LIVST	11:17:00	11:30:00 2W70	00:13:00
49 SHENFLD	12:13:00	12:24:00 2W81	00:11:00
49 LIVST	13:07:00	13:20:00 2W92	00:13:00
49 SHENFLD	14:03:00	14:14:00 2W03	00:11:00
49 LIVST	14:57:00	15:10:00 2W16	00:13:00
49 SHENFLD	15:53:00	16:04:00 2W25	00:11:00
49 LIVST	16:47:00	17:00:00 2W38	00:13:00
49 SHENFLD	17:43:00	17:54:00 2W47	00:11:00
49 LIVST	18:37:00	18:50:00 2W60	00:13:00
49 SHENFLD	19:33:00	19:44:00 2W69	00:11:00
49 LIVST	20:27:00	20:40:00 2W84	00:13:00
49 SHENFLD	21:23:00	21:34:00 5C41	00:11:00
49 ILFORD	21:56:30	22:01:30 5C41	00:05:00
49 ILFEMUD	22:13:30		

Works SX Diagram 52

Diagram	Location	Arr	Dep	ID	T/A
Diagram 50				Traction: 345	
Off SX Diagram 52					
50 ILFEMUD				07:11:00 5W25	
50 SHENFLD		07:32:00	07:44:00	2W25	00:12:00
50 LIVST		08:27:00	08:40:00	2W36	00:13:00
50 SHENFLD		09:23:00	09:34:00	2W47	00:11:00
50 LIVST		10:17:00	10:30:00	2W58	00:13:00
50 SHENFLD		11:13:00	11:24:00	2W69	00:11:00
50 LIVST		12:07:00	12:20:00	2W80	00:13:00
50 SHENFLD		13:03:00	13:14:00	2W91	00:11:00
50 LIVST		13:57:00	14:10:00	2W04	00:13:00
50 SHENFLD		14:53:00	15:04:00	2W13	00:11:00
50 LIVST		15:47:00	16:00:00	2W26	00:13:00
50 SHENFLD		16:43:00	16:54:00	2W35	00:11:00
50 LIVST		17:37:00	17:50:00	2W48	00:13:00
50 SHENFLD		18:33:00	18:44:00	2W57	00:11:00
50 LIVST		19:27:00	19:40:00	2W72	00:13:00
50 SHENFLD		20:23:00	20:34:00	2W79	00:11:00
50 LIVST		21:17:00	21:35:00	2W94	00:18:00
50 SHENFLD		22:18:00	22:29:00	2W99	00:11:00
50 LIVST		23:12:00	23:35:00	2W14	00:23:00
50 SHENFLD		00:18:00	00:25:00	5V15	00:07:00
50 ILFORD		00:42:00	00:53:00	5V15	00:11:00
50 ILFEMUD		01:05:00			

Works Sun Diagram 44





**Stage 1 SU**

Diagram 41		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO Diagram 44					
41	ILFEMUD		05:31:30	5C01	
41	GIDEPKM	05:45:00	05:52:00	5C01	00:07:00
41	GIDEAPK	05:54:00	05:55:00	2C01	00:01:00
41	LIVST	06:26:00	06:35:00	2W02	00:09:00
41	SHENFLD	07:18:00	07:43:00	2W03	00:25:00
41	LIVST	08:26:00	08:47:00	2C04	00:21:00
41	GIDEAPK	09:16:00	09:16:00	5C04	00:00:00
41	GIDEPKM	09:18:00	09:38:00	5C15	00:20:00
41	GIDEAPK	09:40:00	09:42:00	2C15	00:02:00
41	LIVST	10:11:00	10:35:00	2W18	00:24:00
41	SHENFLD	11:18:00	11:43:00	2W21	00:25:00
41	LIVST	12:26:00	12:47:00	2C20	00:21:00
41	GIDEAPK	13:16:00	13:16:00	5C20	00:00:00
41	GIDEPKM	13:18:00	13:38:00	5C31	00:20:00
41	GIDEAPK	13:40:00	13:41:00	2C31	00:01:00
41	LIVST	14:11:00	14:35:00	2W34	00:24:00
41	SHENFLD	15:18:00	15:43:00	2W37	00:25:00
41	LIVST	16:26:00	16:47:00	2C36	00:21:00
41	GIDEAPK	17:16:00	17:16:00	5C36	00:00:00
41	GIDEPKM	17:18:00	17:38:00	5C47	00:20:00
41	GIDEAPK	17:40:00	17:41:00	2C47	00:01:00
41	LIVST	18:11:00	18:35:00	2W50	00:24:00
41	SHENFLD	19:18:00	19:43:00	2W53	00:25:00
41	LIVST	20:26:00	20:47:00	2C52	00:21:00
41	GIDEAPK	21:16:00	21:16:00	5C52	00:00:00
41	GIDEPKS	21:18:00			
Works SX Diagram 44					

Diagram 42		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO Diagram 45					
42	ILFEMUD		06:15:00	5W01	
42	SHENFLD	06:36:00	06:43:00	2W01	00:07:00
42	LIVST	07:26:00	07:35:00	2W06	00:09:00
42	SHENFLD	08:18:00	08:43:00	2W09	00:25:00
42	LIVST	09:26:00	09:47:00	2C08	00:21:00
42	GIDEAPK	10:16:00	10:16:00	5C08	00:00:00
42	GIDEPKM	10:18:00	10:38:00	5C19	00:20:00
42	GIDEAPK	10:40:00	10:41:00	2C19	00:01:00
42	LIVST	11:11:00	11:35:00	2W22	00:24:00
42	SHENFLD	12:18:00	12:43:00	2W25	00:25:00
42	LIVST	13:26:00	13:47:00	2C24	00:21:00

42 GIDEAPK	14:16:00	14:16:00	5C24	00:00:00
42 GIDEPKM	14:18:00	14:38:00	5C35	00:20:00
42 GIDEAPK	14:40:00	14:41:00	2C35	00:01:00
42 LIVST	15:11:00	15:35:00	2W38	00:24:00
42 SHENFLD	16:18:00	16:43:00	2W41	00:25:00
42 LIVST	17:26:00	17:47:00	2C40	00:21:00
42 GIDEAPK	18:16:00	18:16:00	5C40	00:00:00
42 GIDEPKM	18:18:00	18:38:00	5C51	00:20:00
42 GIDEAPK	18:40:00	18:41:00	2C51	00:01:00
42 LIVST	19:11:00	19:35:00	2W54	00:24:00
42 SHENFLD	20:18:00	20:43:00	2W57	00:25:00
42 LIVST	21:26:00	21:47:00	2C56	00:21:00
42 GIDEAPK	22:16:00	22:16:00	5C56	00:00:00
42 GIDEPKS	22:18:00			

Works SX Diagram 50

Diagram 43		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO Diagram 41					
43 GIDEPKS			06:22:00	5C03	
43 GIDEAPK		06:24:00	06:25:00	2C03	00:01:00
43 LIVST		06:56:00	07:05:00	2W04	00:09:00
43 SHENFLD		07:48:00	08:13:00	2W07	00:25:00
43 LIVST		08:56:00	09:17:00	2C06	00:21:00
43 GIDEAPK		09:46:00	09:46:00	5C06	00:00:00
43 GIDEPKM		09:48:00	10:08:00	5C17	00:20:00
43 GIDEAPK		10:10:00	10:11:00	2C17	00:01:00
43 LIVST		10:41:00	11:05:00	2W20	00:24:00
43 SHENFLD		11:48:00	12:13:00	2W23	00:25:00
43 LIVST		12:56:00	13:17:00	2C22	00:21:00
43 GIDEAPK		13:46:00	13:46:00	5C22	00:00:00
43 GIDEPKM		13:48:00	14:08:00	5C33	00:20:00
43 GIDEAPK		14:10:00	14:11:00	2C33	00:01:00
43 LIVST		14:41:00	15:05:00	2W36	00:24:00
43 SHENFLD		15:48:00	16:13:00	2W39	00:25:00
43 LIVST		16:56:00	17:17:00	2C38	00:21:00
43 GIDEAPK		17:46:00	17:46:00	5C38	00:00:00
43 GIDEPKM		17:48:00	18:08:00	5C49	00:20:00
43 GIDEAPK		18:10:00	18:11:00	2C49	00:01:00
43 LIVST		18:41:00	19:05:00	2W52	00:24:00
43 SHENFLD		19:48:00	20:13:00	2W55	00:25:00
43 LIVST		20:56:00	21:17:00	2C54	00:21:00
43 GIDEAPK		21:46:00	21:46:00	5C54	00:00:00
43 GIDEPKM		21:48:00	22:04:30	5V03	00:16:30
43 LIVST		22:33:30	22:42:00	5V04	00:08:30
43 ILFEMUD		23:04:00			

## Works SX Diagram 43

Diagram 44		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO Diagram 50					
44	ILFEMUD		06:40:00	5C65	
44	GIDEPKM	06:54:00	07:08:00	5C05	00:14:00
44	GIDEAPK	07:10:00	07:11:00	2C05	00:01:00
44	LIVST	07:42:00	08:05:00	2W08	00:23:00
44	SHENFLD	08:48:00	09:13:00	2W11	00:25:00
44	LIVST	09:56:00	10:17:00	2C10	00:21:00
44	GIDEAPK	10:46:00	10:46:00	5C10	00:00:00
44	GIDEPKM	10:48:00	11:08:00	5C21	00:20:00
44	GIDEAPK	11:10:00	11:11:00	2C21	00:01:00
44	LIVST	11:41:00	12:05:00	2W24	00:24:00
44	SHENFLD	12:48:00	13:13:00	2W27	00:25:00
44	LIVST	13:56:00	14:17:00	2C26	00:21:00
44	GIDEAPK	14:46:00	14:46:00	5C26	00:00:00
44	GIDEPKM	14:48:00	15:08:00	5C37	00:20:00
44	GIDEAPK	15:10:00	15:11:00	2C37	00:01:00
44	LIVST	15:41:00	16:05:00	2W40	00:24:00
44	SHENFLD	16:48:00	17:13:00	2W43	00:25:00
44	LIVST	17:56:00	18:17:00	2C42	00:21:00
44	GIDEAPK	18:46:00	18:46:00	5C42	00:00:00
44	GIDEPKM	18:48:00	19:08:00	5C53	00:20:00
44	GIDEAPK	19:10:00	19:11:00	2C53	00:01:00
44	LIVST	19:41:00	20:05:00	2W56	00:24:00
44	SHENFLD	20:48:00	21:13:00	2W59	00:25:00
44	LIVST	21:56:00	22:17:00	2C58	00:21:00
44	GIDEAPK	22:46:00	22:46:00	5C58	00:00:00
44	GIDEPKS	22:48:00	23:40:00	5C34	00:52:00
44	LIVST	00:01:00	00:32:00	2C34	00:31:00
44	GIDEAPK	01:02:00	01:05:00	5C34	00:03:00
44	GIDEPKS	01:07:00			

## Works SX Diagram 42

Diagram 45		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO diagram 47					
45	ILFEMUD		06:45:00	5W03	
45	SHENFLD	07:06:00	07:13:00	2W03	00:07:00
45	LIVST	07:56:00	08:20:00	5C02	00:24:00
45	GIDEPKM	08:42:30	09:08:00	5C13	00:25:30
45	GIDEAPK	09:10:00	09:11:00	2C13	00:01:00
45	LIVST	09:41:00	10:05:00	2W16	00:24:00
45	SHENFLD	10:48:00	11:13:00	2W19	00:25:00

45 LIVST	11:56:00	12:17:00 2C18	00:21:00
45 GIDEAPK	12:46:00	12:46:00 5C18	00:00:00
45 GIDEPKM	12:48:00	13:08:00 5C29	00:20:00
45 GIDEAPK	13:10:00	13:11:00 2C29	00:01:00
45 LIVST	13:41:00	14:05:00 2W32	00:24:00
45 SHENFLD	14:48:00	15:13:00 2W35	00:25:00
45 LIVST	15:56:00	16:17:00 2C34	00:21:00
45 GIDEAPK	16:46:00	16:46:00 5C84	00:00:00
45 GIDEPKM	16:48:00	17:08:00 5C45	00:20:00
45 GIDEAPK	17:10:00	17:11:00 2C45	00:01:00
45 LIVST	17:41:00	18:05:00 2W48	00:24:00
45 SHENFLD	18:48:00	19:13:00 2W51	00:25:00
45 LIVST	19:56:00	20:17:00 2C50	00:21:00
45 GIDEAPK	20:46:00	20:46:00 5C50	00:00:00
45 GIDEPKM	20:48:00	21:08:00 5C61	00:20:00
45 GIDEAPK	21:10:00	21:11:00 2C61	00:01:00
45 LIVST	21:41:00	22:05:00 2W64	00:24:00
45 SHENFLD	22:48:00	23:13:00 2W67	00:25:00
45 LIVST	23:56:00	00:01:00 2C32	00:05:00
45 GIDEAPK	00:31:00	00:33:00 5C32	00:02:00
45 GIDEPKS	00:35:00		

Works SX Diagram 51

Diagram 46		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO Diagram 43					
46 GIDEPKS			07:38:00	5C07	
46 GIDEAPK		07:40:00	07:41:00	2C07	00:01:00
46 LIVST		08:12:00	08:35:00	2W10	00:23:00
46 SHENFLD		09:18:00	09:43:00	2W13	00:25:00
46 LIVST		10:26:00	10:47:00	2C12	00:21:00
46 GIDEAPK		11:16:00	11:16:00	5C12	00:00:00
46 GIDEPKM		11:18:00	11:38:00	5C23	00:20:00
46 GIDEAPK		11:40:00	11:41:00	2C23	00:01:00
46 LIVST		12:11:00	12:35:00	2W26	00:24:00
46 SHENFLD		13:18:00	13:43:00	2W29	00:25:00
46 LIVST		14:26:00	14:47:00	2C28	00:21:00
46 GIDEAPK		15:16:00	15:16:00	5C28	00:00:00
46 GIDEPKM		15:18:00	15:38:00	5C39	00:20:00
46 GIDEAPK		15:40:00	15:41:00	2C39	00:01:00
46 LIVST		16:11:00	16:35:00	2W42	00:24:00
46 SHENFLD		17:18:00	17:43:00	2W45	00:25:00
46 LIVST		18:26:00	18:47:00	2C44	00:21:00
46 GIDEAPK		19:16:00	19:16:00	5C44	00:00:00
46 GIDEPKM		19:18:00	19:38:00	5C55	00:20:00
46 GIDEAPK		19:40:00	19:41:00	2C55	00:01:00

46 LIVST	20:11:00	20:35:00 2W58	00:24:00
46 SHENFLD	21:18:00	21:43:00 2W61	00:25:00
46 LIVST	22:26:00	22:35:00 2W66	00:09:00
46 SHENFLD	23:18:00	23:43:00 2W69	00:25:00
46 LIVST	00:26:00	00:55:00 2W20	00:29:00
46 SHENFLD	01:38:00	01:45:00 5V19	00:07:00
46 ILFORD	02:01:30	02:08:30 5V19	00:07:00
46 ILFEMUD	02:20:30		

Works SX diagram 48

Diagram 47		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SO diagram 46					
47 ILFEMUD			07:45:00	5C69	
47 GIDEPKM		07:59:00	08:08:00	5C09	00:09:00
47 GIDEAPK		08:10:00	08:11:00	2C09	00:01:00
47 LIVST		08:38:00	09:05:00	2W12	00:27:00
47 SHENFLD		09:48:00	10:13:00	2W15	00:25:00
47 LIVST		10:56:00	11:17:00	2C14	00:21:00
47 GIDEAPK		11:46:00	11:46:00	5C14	00:00:00
47 GIDEPKM		11:48:00	12:08:00	5C25	00:20:00
47 GIDEAPK		12:10:00	12:11:00	2C25	00:01:00
47 LIVST		12:41:00	13:05:00	2W28	00:24:00
47 SHENFLD		13:48:00	14:13:00	2W31	00:25:00
47 LIVST		14:56:00	15:17:00	2C30	00:21:00
47 GIDEAPK		15:46:00	15:46:00	5C30	00:00:00
47 GIDEPKM		15:48:00	16:08:00	5C41	00:20:00
47 GIDEAPK		16:10:00	16:11:00	2C41	00:01:00
47 LIVST		16:41:00	17:05:00	2W44	00:24:00
47 SHENFLD		17:48:00	18:13:00	2W47	00:25:00
47 LIVST		18:56:00	19:17:00	2C46	00:21:00
47 GIDEAPK		19:46:00	19:46:00	5C46	00:00:00
47 GIDEPKM		19:48:00	20:08:00	5C57	00:20:00
47 GIDEAPK		20:10:00	20:11:00	2C57	00:01:00
47 LIVST		20:41:00	21:05:00	2W60	00:24:00
47 SHENFLD		21:48:00	22:13:00	2W63	00:25:00
47 LIVST		22:56:00	23:05:00	2W68	00:09:00
47 SHENFLD		23:48:00	23:53:00	5V09	00:05:00
47 ILFORD		00:11:00	00:18:00	5V09	00:07:00
47 ILFEMUD		00:30:00			

Works SX Diagram 46

Diagram 48		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
Off SX Diagram 41					
48 GIDEPKS			08:38:00	5C11	

48 GIDEAPK	08:40:00	08:41:00 2C11	00:01:00
48 LIVST	09:12:00	09:35:00 2W14	00:23:00
48 SHENFLD	10:18:00	10:43:00 2W17	00:25:00
48 LIVST	11:26:00	11:47:00 2C16	00:21:00
48 GIDEAPK	12:16:00	12:16:00 5C16	00:00:00
48 GIDEPKM	12:18:00	12:38:00 5C27	00:20:00
48 GIDEAPK	12:40:00	12:41:00 2C27	00:01:00
48 LIVST	13:11:00	13:35:00 2W30	00:24:00
48 SHENFLD	14:18:00	14:43:00 2W33	00:25:00
48 LIVST	15:26:00	15:47:00 2C32	00:21:00
48 GIDEAPK	16:16:00	16:16:00 5C32	00:00:00
48 GIDEPKM	16:18:00	16:38:00 5C43	00:20:00
48 GIDEAPK	16:40:00	16:41:00 2C43	00:01:00
48 LIVST	17:11:00	17:35:00 2W46	00:24:00
48 SHENFLD	18:18:00	18:43:00 2W49	00:25:00
48 LIVST	19:26:00	19:47:00 2C48	00:21:00
48 GIDEAPK	20:16:00	20:16:00 5C48	00:00:00
48 GIDEPKM	20:18:00	20:38:00 5C59	00:20:00
48 GIDEAPK	20:40:00	20:41:00 2C59	00:01:00
48 LIVST	21:11:00	21:35:00 2W62	00:24:00
48 SHENFLD	22:18:00	22:43:00 2W65	00:25:00
48 LIVST	23:26:00	23:35:00 2W70	00:09:00
48 SHENFLD	00:18:00	00:25:00 5V15	00:07:00
48 ILFORD	00:41:30	00:48:30 5V15	00:07:00
48 ILFEMUD	01:00:30		

Works SX Diagram 41

**Part 2 – Stage 2 Crossrail Services****Stage 2 SX**

## Diagram 1

Diagram	Location	Arr	Dep	ID	T/A
1	OLDOCCS		04:25:00	5Y08	
1	HTRWTM4	05:08:00	05:18:00	2Y08	00:10:00
1	PADTON	05:49:00	05:57:00	2T13	00:08:00
1	HTRWTM4	06:26:00	06:48:00	2Y14	00:22:00
1	PADTON	07:19:00	07:27:00	2T19	00:08:00
1	HTRWTM4	07:56:00	08:18:00	2Y20	00:22:00
1	PADTON	08:49:00	08:57:00	2T25	00:08:00
1	HTRWTM4	09:26:00	09:48:00	2Y26	00:22:00
1	PADTON	10:19:00	10:27:00	2T31	00:08:00
1	HTRWTM4	10:56:00	11:18:00	2Y32	00:22:00
1	PADTON	11:49:00	11:57:00	2T37	00:08:00
1	HTRWTM4	12:26:00	12:48:00	2Y38	00:22:00
1	PADTON	13:19:00	13:27:00	2T43	00:08:00
1	HTRWTM4	13:56:00	14:18:00	2Y44	00:22:00
1	PADTON	14:49:00	14:57:00	2T49	00:08:00
1	HTRWTM4	15:26:00	15:48:00	2Y50	00:22:00
1	PADTON	16:19:00	16:27:00	2T55	00:08:00
1	HTRWTM4	16:56:00	17:18:00	2Y56	00:22:00
1	PADTON	17:49:00	17:57:00	2T61	00:08:00
1	HTRWTM4	18:26:00	18:48:00	2Y62	00:22:00
1	PADTON	19:19:00	19:27:00	2T67	00:08:00
1	HTRWTM4	19:56:00	20:18:00	2Y68	00:22:00
1	PADTON	20:49:00	20:57:00	2T73	00:08:00
1	HTRWTM4	21:26:00	21:48:00	2Y74	00:22:00
1	PADTON	22:19:00	22:27:00	2T79	00:08:00
1	HTRWTM4	22:56:00	23:18:00	2Y80	00:22:00
1	PADTON	23:49:00	23:57:00	2T85	00:08:00
1	HTRWTM4	00:26:00	00:32:00	5T85	00:06:00
1	OLDOCCS	01:09:00			

## Diagram 2

Diagram	Location	Arr	Dep	ID	T/A
2	OLDOCCS		04:30:00	5Y09	
2	HTRWTM4	05:11:00	05:33:00	2Y09	00:22:00
2	PADTON	06:04:00	06:12:00	2T14	00:08:00
2	HTRWTM4	06:41:00	07:03:00	2Y15	00:22:00
2	PADTON	07:34:00	07:42:00	2T20	00:08:00
2	HTRWTM4	08:11:00	08:33:00	2Y21	00:22:00
2	PADTON	09:04:00	09:12:00	2T26	00:08:00
2	HTRWTM4	09:41:00	10:03:00	2Y27	00:22:00
2	PADTON	10:34:00	10:42:00	2T32	00:08:00

2 HTRWTM4	11:11:00	11:33:00	2Y33	00:22:00
2 PADTON	12:04:00	12:12:00	2T38	00:08:00
2 HTRWTM4	12:41:00	13:03:00	2Y39	00:22:00
2 PADTON	13:34:00	13:42:00	2T44	00:08:00
2 HTRWTM4	14:11:00	14:33:00	2Y45	00:22:00
2 PADTON	15:04:00	15:12:00	2T50	00:08:00
2 HTRWTM4	15:41:00	16:03:00	2Y51	00:22:00
2 PADTON	16:34:00	16:42:00	2T56	00:08:00
2 HTRWTM4	17:11:00	17:33:00	2Y57	00:22:00
2 PADTON	18:04:00	18:12:00	2T62	00:08:00
2 HTRWTM4	18:41:00	19:03:00	2Y63	00:22:00
2 PADTON	19:35:00	19:42:00	2T68	00:07:00
2 HTRWTM4	20:11:00	20:33:00	2Y69	00:22:00
2 PADTON	21:04:00	21:12:00	2T74	00:08:00
2 HTRWTM4	21:41:00	22:03:00	2Y75	00:22:00
2 PADTON	22:34:00	22:42:00	2T80	00:08:00
2 HTRWTM4	23:11:00	23:33:00	2Y81	00:22:00
2 PADTON	00:04:00	00:12:00	2T86	00:08:00
2 HTRWTM4	00:41:00	00:47:00	5T86	00:06:00
2 OLDOCCS	01:24:00			

## Diagram 3

Diagram	Location	Arr	Dep	ID	T/A
	3 OLDOCCS		04:36:00	5T09	
	3 PADTON	04:48:00	04:57:00	2T09	00:09:00
	3 HTRWTM4	05:26:00	05:48:00	2Y10	00:22:00
	3 PADTON	06:19:00	06:27:00	2T15	00:08:00
	3 HTRWTM4	06:56:00	07:18:00	2Y16	00:22:00
	3 PADTON	07:49:00	07:57:00	2T21	00:08:00
	3 HTRWTM4	08:26:00	08:48:00	2Y22	00:22:00
	3 PADTON	09:19:00	09:27:00	2T27	00:08:00
	3 HTRWTM4	09:56:00	10:18:00	2Y28	00:22:00
	3 PADTON	10:49:00	10:57:00	2T33	00:08:00
	3 HTRWTM4	11:26:00	11:48:00	2Y34	00:22:00
	3 PADTON	12:19:00	12:27:00	2T39	00:08:00
	3 HTRWTM4	12:56:00	13:18:00	2Y40	00:22:00
	3 PADTON	13:49:00	13:57:00	2T45	00:08:00
	3 HTRWTM4	14:26:00	14:48:00	2Y46	00:22:00
	3 PADTON	15:19:00	15:27:00	2T51	00:08:00
	3 HTRWTM4	15:56:00	16:18:00	2Y52	00:22:00
	3 PADTON	16:50:00	16:57:00	2T57	00:07:00
	3 HTRWTM4	17:26:00	17:48:00	2Y58	00:22:00
	3 PADTON	18:19:00	18:27:00	2T63	00:08:00
	3 HTRWTM4	18:56:00	19:18:00	2Y64	00:22:00
	3 PADTON	19:49:00	19:57:00	2T69	00:08:00
	3 HTRWTM4	20:26:00	20:48:00	2Y70	00:22:00



3 PADTON	21:19:00	21:27:00	2T75	00:08:00
3 HTRWTM4	21:56:00	22:18:00	2Y76	00:22:00
3 PADTON	22:49:00	22:57:00	2T81	00:08:00
3 HTRWTM4	23:26:00	23:48:00	2Y82	00:22:00
3 PADTON	00:19:00	00:26:00	5Y82	00:07:00
3 OLDOCCS	00:37:00			

Diagram 4

Diagram	Location	Arr	Dep	ID	T/A
4 OLDOCCS			04:42:00	5T10	
4 PADTON		04:54:00	05:12:00	2T10	00:18:00
4 HTRWTM4		05:41:00	06:03:00	2Y11	00:22:00
4 PADTON		06:34:00	06:42:00	2T16	00:08:00
4 HTRWTM4		07:11:00	07:33:00	2Y17	00:22:00
4 PADTON		08:04:00	08:12:00	2T22	00:08:00
4 HTRWTM4		08:41:00	09:03:00	2Y23	00:22:00
4 PADTON		09:34:00	09:42:00	2T28	00:08:00
4 HTRWTM4		10:11:00	10:33:00	2Y29	00:22:00
4 PADTON		11:04:00	11:12:00	2T34	00:08:00
4 HTRWTM4		11:41:00	12:03:00	2Y35	00:22:00
4 PADTON		12:34:00	12:42:00	2T40	00:08:00
4 HTRWTM4		13:11:00	13:33:00	2Y41	00:22:00
4 PADTON		14:04:00	14:12:00	2T46	00:08:00
4 HTRWTM4		14:41:00	15:03:00	2Y47	00:22:00
4 PADTON		15:34:00	15:42:00	2T52	00:08:00
4 HTRWTM4		16:11:00	16:33:00	2Y53	00:22:00
4 PADTON		17:04:00	17:12:00	2T58	00:08:00
4 HTRWTM4		17:41:00	18:03:00	2Y59	00:22:00
4 PADTON		18:34:00	18:42:00	2T64	00:08:00
4 HTRWTM4		19:11:00	19:33:00	2Y65	00:22:00
4 PADTON		20:04:00	20:12:00	2T70	00:08:00
4 HTRWTM4		20:41:00	21:03:00	2Y71	00:22:00
4 PADTON		21:34:00	21:42:00	2T76	00:08:00
4 HTRWTM4		22:11:00	22:33:00	2Y77	00:22:00
4 PADTON		23:04:00	23:12:00	2T82	00:08:00
4 HTRWTM4		23:41:00	00:03:00	2Y83	00:22:00
4 PADTON		00:34:00	00:41:00	5Y83	00:07:00
4 OLDOCCS		00:52:00			

Diagram 5

Diagram	Location	Arr	Dep	ID	T/A
5 OLDOCCS			04:57:00	5T11	
5 PADTON		05:09:00	05:27:00	2T11	00:18:00
5 HTRWTM4		05:56:00	06:18:00	2Y12	00:22:00
5 PADTON		06:49:00	06:57:00	2T17	00:08:00
5 HTRWTM4		07:26:00	07:48:00	2Y18	00:22:00

5 PADTON	08:19:00	08:27:00	2T23	00:08:00
5 HTRWTM4	08:56:00	09:18:00	2Y24	00:22:00
5 PADTON	09:49:00	09:57:00	2T29	00:08:00
5 HTRWTM4	10:26:00	10:48:00	2Y30	00:22:00
5 PADTON	11:19:00	11:27:00	2T35	00:08:00
5 HTRWTM4	11:56:00	12:18:00	2Y36	00:22:00
5 PADTON	12:49:00	12:57:00	2T41	00:08:00
5 HTRWTM4	13:26:00	13:48:00	2Y42	00:22:00
5 PADTON	14:19:00	14:27:00	2T47	00:08:00
5 HTRWTM4	14:56:00	15:18:00	2Y48	00:22:00
5 PADTON	15:49:00	15:57:00	2T53	00:08:00
5 HTRWTM4	16:26:00	16:48:00	2Y54	00:22:00
5 PADTON	17:19:00	17:27:00	2T59	00:08:00
5 HTRWTM4	17:56:00	18:18:00	2Y60	00:22:00
5 PADTON	18:49:00	18:57:00	2T65	00:08:00
5 HTRWTM4	19:26:00	19:48:00	2Y66	00:22:00
5 PADTON	20:19:00	20:27:00	2T71	00:08:00
5 HTRWTM4	20:56:00	21:18:00	2Y72	00:22:00
5 PADTON	21:49:00	21:57:00	2T77	00:08:00
5 HTRWTM4	22:26:00	22:48:00	2Y78	00:22:00
5 PADTON	23:19:00	23:27:00	2T83	00:08:00
5 HTRWTM4	23:56:00	00:13:00	5T83	00:17:00
5 OLDOCCS	00:56:00			

## Diagram 6

Diagram	Location	Arr	Dep	ID	T/A
6 OLDOCCS			05:12:00	5T12	
6 PADTON		05:24:00	05:42:00	2T12	00:18:00
6 HTRWTM4		06:11:00	06:33:00	2Y13	00:22:00
6 PADTON		07:04:00	07:12:00	2T18	00:08:00
6 HTRWTM4		07:41:00	08:03:00	2Y19	00:22:00
6 PADTON		08:34:00	08:42:00	2T24	00:08:00
6 HTRWTM4		09:11:00	09:33:00	2Y25	00:22:00
6 PADTON		10:04:00	10:12:00	2T30	00:08:00
6 HTRWTM4		10:41:00	11:03:00	2Y31	00:22:00
6 PADTON		11:34:00	11:42:00	2T36	00:08:00
6 HTRWTM4		12:11:00	12:33:00	2Y37	00:22:00
6 PADTON		13:04:00	13:12:00	2T42	00:08:00
6 HTRWTM4		13:41:00	14:03:00	2Y43	00:22:00
6 PADTON		14:34:00	14:42:00	2T48	00:08:00
6 HTRWTM4		15:11:00	15:33:00	2Y49	00:22:00
6 PADTON		16:04:00	16:12:00	2T54	00:08:00
6 HTRWTM4		16:41:00	17:03:00	2Y55	00:22:00
6 PADTON		17:34:00	17:42:00	2T60	00:08:00
6 HTRWTM4		18:11:00	18:33:00	2Y61	00:22:00
6 PADTON		19:04:00	19:12:00	2T66	00:08:00

6 HTRWTM4	19:41:00	20:03:00	2Y67	00:22:00
6 PADTON	20:34:00	20:42:00	2T72	00:08:00
6 HTRWTM4	21:11:00	21:33:00	2Y73	00:22:00
6 PADTON	22:04:00	22:12:00	2T78	00:08:00
6 HTRWTM4	22:41:00	23:03:00	2Y79	00:22:00
6 PADTON	23:34:00	23:42:00	2T84	00:08:00
6 HTRWTM4	00:11:00	00:18:00	5T84	00:07:00
6 OLDOCCS	00:59:00			

	Diagram OC501		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

	Diagram OC502		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

**Stage 2 SO**

Diagram 1					
Diagram	Location	Arr	Dep	ID	T/A
	1 OLDOCCS		04:25:00	5Y08	
	1 HTRWTM4	05:08:00	05:17:00	2Y08	00:09:00
	1 PADTON	05:48:00	05:56:00	2T13	00:08:00
	1 HTRWTM4	06:25:00	06:47:00	2Y14	00:22:00
	1 PADTON	07:18:00	07:26:00	2T19	00:08:00
	1 HTRWTM4	07:55:00	08:17:00	2Y20	00:22:00
	1 PADTON	08:48:00	08:56:00	2T25	00:08:00
	1 HTRWTM4	09:25:00	09:47:00	2Y26	00:22:00
	1 PADTON	10:18:00	10:26:00	2T31	00:08:00
	1 HTRWTM4	10:55:00	11:17:00	2Y32	00:22:00
	1 PADTON	11:48:00	11:56:00	2T37	00:08:00
	1 HTRWTM4	12:25:00	12:47:00	2Y38	00:22:00
	1 PADTON	13:18:00	13:26:00	2T43	00:08:00
	1 HTRWTM4	13:55:00	14:17:00	2Y44	00:22:00
	1 PADTON	14:48:00	14:56:00	2T49	00:08:00
	1 HTRWTM4	15:25:00	15:47:00	2Y50	00:22:00
	1 PADTON	16:18:00	16:26:00	2T55	00:08:00
	1 HTRWTM4	16:55:00	17:17:00	2Y56	00:22:00
	1 PADTON	17:48:00	17:56:00	2T61	00:08:00
	1 HTRWTM4	18:25:00	18:47:00	2Y62	00:22:00
	1 PADTON	19:18:00	19:26:00	2T67	00:08:00
	1 HTRWTM4	19:55:00	20:17:00	2Y68	00:22:00
	1 PADTON	20:48:00	20:56:00	2T73	00:08:00
	1 HTRWTM4	21:25:00	21:47:00	2Y74	00:22:00
	1 PADTON	22:18:00	22:26:00	2T79	00:08:00
	1 HTRWTM4	22:55:00	23:17:00	2Y80	00:22:00
	1 PADTON	23:48:00	23:56:00	2T85	00:08:00
	1 HTRWTM4	00:25:00	00:32:00	5T85	00:07:00
	1 OLDOCCS	01:09:00			

Diagram 2					
Diagram	Location	Arr	Dep	ID	T/A
	2 OLDOCCS		04:30:00	5Y09	
	2 HTRWTM4	05:11:00	05:32:00	2Y09	00:21:00
	2 PADTON	06:03:00	06:11:00	2T14	00:08:00
	2 HTRWTM4	06:40:00	07:02:00	2Y15	00:22:00
	2 PADTON	07:33:00	07:41:00	2T20	00:08:00
	2 HTRWTM4	08:10:00	08:32:00	2Y21	00:22:00
	2 PADTON	09:03:00	09:11:00	2T26	00:08:00
	2 HTRWTM4	09:40:00	10:02:00	2Y27	00:22:00
	2 PADTON	10:33:00	10:41:00	2T32	00:08:00
	2 HTRWTM4	11:10:00	11:32:00	2Y33	00:22:00

2 PADTON	12:03:00	12:11:00	2T38	00:08:00
2 HTRWTM4	12:40:00	13:02:00	2Y39	00:22:00
2 PADTON	13:33:00	13:41:00	2T44	00:08:00
2 HTRWTM4	14:10:00	14:32:00	2Y45	00:22:00
2 PADTON	15:03:00	15:11:00	2T50	00:08:00
2 HTRWTM4	15:40:00	16:02:00	2Y51	00:22:00
2 PADTON	16:33:00	16:41:00	2T56	00:08:00
2 HTRWTM4	17:10:00	17:32:00	2Y57	00:22:00
2 PADTON	18:03:00	18:11:00	2T62	00:08:00
2 HTRWTM4	18:40:00	19:02:00	2Y63	00:22:00
2 PADTON	19:34:00	19:41:00	2T68	00:07:00
2 HTRWTM4	20:10:00	20:32:00	2Y69	00:22:00
2 PADTON	21:03:00	21:11:00	2T74	00:08:00
2 HTRWTM4	21:40:00	22:02:00	2Y75	00:22:00
2 PADTON	22:33:00	22:41:00	2T80	00:08:00
2 HTRWTM4	23:10:00	23:32:00	2Y81	00:22:00
2 PADTON	00:03:00	00:11:00	2T86	00:08:00
2 HTRWTM4	00:40:00	00:47:00	5T86	00:07:00
2 OLDOCCS	01:24:00			

Diagram 3

Diagram	Location	Arr	Dep	ID	T/A
	3 OLDOCCS		04:36:00	5T09	
	3 PADTON	04:48:00	04:56:00	2T09	00:08:00
	3 HTRWTM4	05:25:00	05:47:00	2Y10	00:22:00
	3 PADTON	06:18:00	06:26:00	2T15	00:08:00
	3 HTRWTM4	06:55:00	07:17:00	2Y16	00:22:00
	3 PADTON	07:48:00	07:56:00	2T21	00:08:00
	3 HTRWTM4	08:25:00	08:47:00	2Y22	00:22:00
	3 PADTON	09:18:00	09:26:00	2T27	00:08:00
	3 HTRWTM4	09:55:00	10:17:00	2Y28	00:22:00
	3 PADTON	10:48:00	10:56:00	2T33	00:08:00
	3 HTRWTM4	11:25:00	11:47:00	2Y34	00:22:00
	3 PADTON	12:18:00	12:26:00	2T39	00:08:00
	3 HTRWTM4	12:55:00	13:17:00	2Y40	00:22:00
	3 PADTON	13:48:00	13:56:00	2T45	00:08:00
	3 HTRWTM4	14:25:00	14:47:00	2Y46	00:22:00
	3 PADTON	15:18:00	15:26:00	2T51	00:08:00
	3 HTRWTM4	15:55:00	16:17:00	2Y52	00:22:00
	3 PADTON	16:49:00	16:56:00	2T57	00:07:00
	3 HTRWTM4	17:25:00	17:47:00	2Y58	00:22:00
	3 PADTON	18:18:00	18:26:00	2T63	00:08:00
	3 HTRWTM4	18:55:00	19:17:00	2Y64	00:22:00
	3 PADTON	19:48:00	19:56:00	2T69	00:08:00
	3 HTRWTM4	20:25:00	20:47:00	2Y70	00:22:00
	3 PADTON	21:18:00	21:26:00	2T75	00:08:00

3 HTRWTM4	21:55:00	22:17:00	2Y76	00:22:00
3 PADTON	22:48:00	22:56:00	2T81	00:08:00
3 HTRWTM4	23:25:00	23:47:00	2Y82	00:22:00
3 PADTON	00:18:00	00:25:00	5Y82	00:07:00
3 OLDOCCS	00:36:00			

## Diagram 4

Diagram	Location	Arr	Dep	ID	T/A
4 OLDOCCS			04:42:00	5T10	
4 PADTON		04:54:00	05:11:00	2T10	00:17:00
4 HTRWTM4		05:40:00	06:02:00	2Y11	00:22:00
4 PADTON		06:33:00	06:41:00	2T16	00:08:00
4 HTRWTM4		07:10:00	07:32:00	2Y17	00:22:00
4 PADTON		08:03:00	08:11:00	2T22	00:08:00
4 HTRWTM4		08:40:00	09:02:00	2Y23	00:22:00
4 PADTON		09:33:00	09:41:00	2T28	00:08:00
4 HTRWTM4		10:10:00	10:32:00	2Y29	00:22:00
4 PADTON		11:03:00	11:11:00	2T34	00:08:00
4 HTRWTM4		11:40:00	12:02:00	2Y35	00:22:00
4 PADTON		12:33:00	12:41:00	2T40	00:08:00
4 HTRWTM4		13:10:00	13:32:00	2Y41	00:22:00
4 PADTON		14:03:00	14:11:00	2T46	00:08:00
4 HTRWTM4		14:40:00	15:02:00	2Y47	00:22:00
4 PADTON		15:33:00	15:41:00	2T52	00:08:00
4 HTRWTM4		16:10:00	16:32:00	2Y53	00:22:00
4 PADTON		17:03:00	17:11:00	2T58	00:08:00
4 HTRWTM4		17:40:00	18:02:00	2Y59	00:22:00
4 PADTON		18:33:00	18:41:00	2T64	00:08:00
4 HTRWTM4		19:10:00	19:32:00	2Y65	00:22:00
4 PADTON		20:03:00	20:11:00	2T70	00:08:00
4 HTRWTM4		20:40:00	21:02:00	2Y71	00:22:00
4 PADTON		21:33:00	21:41:00	2T76	00:08:00
4 HTRWTM4		22:10:00	22:32:00	2Y77	00:22:00
4 PADTON		23:03:00	23:11:00	2T82	00:08:00
4 HTRWTM4		23:40:00	00:02:00	2Y83	00:22:00
4 PADTON		00:33:00	00:40:00	5Y83	00:07:00
4 OLDOCCS		00:51:00			

## Diagram 5

Diagram	Location	Arr	Dep	ID	T/A
5 OLDOCCS			04:57:00	5T11	
5 PADTON		05:09:00	05:26:00	2T11	00:17:00
5 HTRWTM4		05:55:00	06:17:00	2Y12	00:22:00
5 PADTON		06:48:00	06:56:00	2T17	00:08:00
5 HTRWTM4		07:25:00	07:47:00	2Y18	00:22:00
5 PADTON		08:18:00	08:26:00	2T23	00:08:00

5 HTRWMT4	08:55:00	09:17:00	2Y24	00:22:00
5 PADTON	09:48:00	09:56:00	2T29	00:08:00
5 HTRWMT4	10:25:00	10:47:00	2Y30	00:22:00
5 PADTON	11:18:00	11:26:00	2T35	00:08:00
5 HTRWMT4	11:55:00	12:17:00	2Y36	00:22:00
5 PADTON	12:48:00	12:56:00	2T41	00:08:00
5 HTRWMT4	13:25:00	13:47:00	2Y42	00:22:00
5 PADTON	14:18:00	14:26:00	2T47	00:08:00
5 HTRWMT4	14:55:00	15:17:00	2Y48	00:22:00
5 PADTON	15:48:00	15:56:00	2T53	00:08:00
5 HTRWMT4	16:25:00	16:47:00	2Y54	00:22:00
5 PADTON	17:18:00	17:26:00	2T59	00:08:00
5 HTRWMT4	17:55:00	18:17:00	2Y60	00:22:00
5 PADTON	18:48:00	18:56:00	2T65	00:08:00
5 HTRWMT4	19:25:00	19:47:00	2Y66	00:22:00
5 PADTON	20:18:00	20:26:00	2T71	00:08:00
5 HTRWMT4	20:55:00	21:17:00	2Y72	00:22:00
5 PADTON	21:48:00	21:56:00	2T77	00:08:00
5 HTRWMT4	22:25:00	22:47:00	2Y78	00:22:00
5 PADTON	23:18:00	23:26:00	2T83	00:08:00
5 HTRWMT4	23:55:00	00:12:00	5T83	00:17:00
5 OLDOCCS	00:55:00			

Diagram 6

Diagram	Location	Arr	Dep	ID	T/A
	6 OLDOXRB		05:12:00	5T12	
	6 PADTON	05:24:00	05:41:00	2T12	00:17:00
	6 HTRWMT4	06:10:00	06:32:00	2Y13	00:22:00
	6 PADTON	07:03:00	07:11:00	2T18	00:08:00
	6 HTRWMT4	07:40:00	08:02:00	2Y19	00:22:00
	6 PADTON	08:33:00	08:41:00	2T24	00:08:00
	6 HTRWMT4	09:10:00	09:32:00	2Y25	00:22:00
	6 PADTON	10:03:00	10:11:00	2T30	00:08:00
	6 HTRWMT4	10:40:00	11:02:00	2Y31	00:22:00
	6 PADTON	11:33:00	11:41:00	2T36	00:08:00
	6 HTRWMT4	12:10:00	12:32:00	2Y37	00:22:00
	6 PADTON	13:03:00	13:11:00	2T42	00:08:00
	6 HTRWMT4	13:40:00	14:02:00	2Y43	00:22:00
	6 PADTON	14:33:00	14:41:00	2T48	00:08:00
	6 HTRWMT4	15:10:00	15:32:00	2Y49	00:22:00
	6 PADTON	16:03:00	16:12:00	2T54	00:08:00
	6 HTRWMT4	16:40:00	17:02:00	2Y55	00:22:00
	6 PADTON	17:33:00	17:41:00	2T60	00:08:00
	6 HTRWMT4	18:10:00	18:32:00	2Y61	00:22:00
	6 PADTON	19:03:00	19:11:00	2T66	00:08:00
	6 HTRWMT4	19:40:00	20:02:00	2Y67	00:22:00

6 PADTON	20:33:00	20:41:00	2T72	00:08:00
6 HTRWTM4	21:10:00	21:32:00	2Y73	00:22:00
6 PADTON	22:03:00	22:11:00	2T78	00:08:00
6 HTRWTM4	22:40:00	23:02:00	2Y79	00:22:00
6 PADTON	23:33:00	23:41:00	2T84	00:08:00
6 HTRWTM4	00:10:00	00:17:00	5T84	00:07:00
6 OLDOXRB	00:58:00			

Diagram OC501                      Traction: 345  
Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

Diagram OC502                      Traction: 345  
Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		



**Stage 2 SU**

Diagram 1					
Diagram	Location	Arr	Dep	ID	T/A
	1 OLDOCCS		04:39:00	5Y09	
	1 HTRWTM4	05:20:00	05:28:00	2Y09	00:08:00
	1 PADTON	05:59:00	06:07:00	2T14	00:08:00
	1 HTRWTM4	06:36:00	06:58:00	2Y15	00:22:00
	1 PADTON	07:29:00	07:37:00	2T20	00:08:00
	1 HTRWTM4	08:06:00	08:28:00	2Y21	00:22:00
	1 PADTON	08:59:00	09:07:00	2T26	00:08:00
	1 HTRWTM4	09:36:00	09:58:00	2Y27	00:22:00
	1 PADTON	10:29:00	10:37:00	2T32	00:08:00
	1 HTRWTM4	11:06:00	11:28:00	2Y33	00:22:00
	1 PADTON	11:59:00	12:07:00	2T38	00:08:00
	1 HTRWTM4	12:36:00	12:58:00	2Y39	00:22:00
	1 PADTON	13:29:00	13:37:00	2T44	00:08:00
	1 HTRWTM4	14:06:00	14:28:00	2Y45	00:22:00
	1 PADTON	14:59:00	15:07:00	2T50	00:08:00
	1 HTRWTM4	15:36:00	15:58:00	2Y51	00:22:00
	1 PADTON	16:29:00	16:37:00	2T56	00:08:00
	1 HTRWTM4	17:06:00	17:28:00	2Y57	00:22:00
	1 PADTON	17:59:00	18:07:00	2T62	00:08:00
	1 HTRWTM4	18:36:00	18:58:00	2Y63	00:22:00
	1 PADTON	19:30:00	19:37:00	2T68	00:07:00
	1 HTRWTM4	20:06:00	20:28:00	2Y69	00:22:00
	1 PADTON	20:59:00	21:07:00	2T74	00:08:00
	1 HTRWTM4	21:36:00	21:58:00	2Y75	00:22:00
	1 PADTON	22:29:00	22:37:00	2T80	00:08:00
	1 HTRWTM4	23:06:00	23:27:00	2Y81	00:21:00
	1 PADTON	23:58:00	00:14:00	5Y81	00:16:00
	1 OLDOCCS	00:25:00			

Diagram 2					
Diagram	Location	Arr	Dep	ID	T/A
	2 OLDOCCS		04:43:00	5Y10	
	2 HTRWTM4	05:24:00	05:43:00	2Y10	00:19:00
	2 PADTON	06:14:00	06:22:00	2T15	00:08:00
	2 HTRWTM4	06:51:00	07:13:00	2Y16	00:22:00
	2 PADTON	07:44:00	07:52:00	2T21	00:08:00
	2 HTRWTM4	08:21:00	08:43:00	2Y22	00:22:00
	2 PADTON	09:14:00	09:22:00	2T27	00:08:00
	2 HTRWTM4	09:51:00	10:13:00	2Y28	00:22:00
	2 PADTON	10:44:00	10:52:00	2T33	00:08:00
	2 HTRWTM4	11:21:00	11:43:00	2Y34	00:22:00
	2 PADTON	12:14:00	12:22:00	2T39	00:08:00

2 HTRWMTM4	12:51:00	13:13:00	2Y40	00:22:00
2 PADTON	13:44:00	13:52:00	2T45	00:08:00
2 HTRWMTM4	14:21:00	14:43:00	2Y46	00:22:00
2 PADTON	15:14:00	15:22:00	2T51	00:08:00
2 HTRWMTM4	15:51:00	16:13:00	2Y52	00:22:00
2 PADTON	16:45:00	16:52:00	2T57	00:07:00
2 HTRWMTM4	17:21:00	17:43:00	2Y58	00:22:00
2 PADTON	18:14:00	18:22:00	2T63	00:08:00
2 HTRWMTM4	18:51:00	19:13:00	2Y64	00:22:00
2 PADTON	19:44:00	19:52:00	2T69	00:08:00
2 HTRWMTM4	20:21:00	20:43:00	2Y70	00:22:00
2 PADTON	21:14:00	21:22:00	2T75	00:08:00
2 HTRWMTM4	21:51:00	22:13:00	2Y76	00:22:00
2 PADTON	22:44:00	22:52:00	2T81	00:08:00
2 HTRWMTM4	23:21:00	23:43:00	2Y82	00:22:00
2 PADTON	00:14:00	00:21:00	5Y82	00:07:00
2 OLDOCCS	00:32:00			

## Diagram 3

Diagram	Location	Arr	Dep	ID	T/A
	3 OLDOCCS		04:46:00	5T10	
	3 PADTON	04:58:00	05:07:00	2T10	00:09:00
	3 HTRWMTM4	05:36:00	05:58:00	2Y11	00:22:00
	3 PADTON	06:29:00	06:37:00	2T16	00:08:00
	3 HTRWMTM4	07:06:00	07:28:00	2Y17	00:22:00
	3 PADTON	07:59:00	08:07:00	2T22	00:08:00
	3 HTRWMTM4	08:36:00	08:58:00	2Y23	00:22:00
	3 PADTON	09:29:00	09:37:00	2T28	00:08:00
	3 HTRWMTM4	10:06:00	10:28:00	2Y29	00:22:00
	3 PADTON	10:59:00	11:07:00	2T34	00:08:00
	3 HTRWMTM4	11:36:00	11:58:00	2Y35	00:22:00
	3 PADTON	12:29:00	12:37:00	2T40	00:08:00
	3 HTRWMTM4	13:06:00	13:28:00	2Y41	00:22:00
	3 PADTON	13:59:00	14:07:00	2T46	00:08:00
	3 HTRWMTM4	14:36:00	14:58:00	2Y47	00:22:00
	3 PADTON	15:29:00	15:37:00	2T52	00:08:00
	3 HTRWMTM4	16:06:00	16:28:00	2Y53	00:22:00
	3 PADTON	16:59:00	17:07:00	2T58	00:08:00
	3 HTRWMTM4	17:36:00	17:58:00	2Y59	00:22:00
	3 PADTON	18:29:00	18:37:00	2T64	00:08:00
	3 HTRWMTM4	19:06:00	19:28:00	2Y65	00:22:00
	3 PADTON	19:59:00	20:07:00	2T70	00:08:00
	3 HTRWMTM4	20:36:00	20:58:00	2Y71	00:22:00
	3 PADTON	21:29:00	21:37:00	2T76	00:08:00
	3 HTRWMTM4	22:06:00	22:28:00	2Y77	00:22:00
	3 PADTON	22:59:00	23:07:00	2T82	00:08:00

3 HTRWTM4	23:36:00	23:58:00	2Y83	00:22:00
3 PADTON	00:29:00	00:36:00	5Y83	00:07:00
3 OLDOCCS	00:47:00			

## Diagram 4

Diagram	Location	Arr	Dep	ID	T/A
	4 OLDOCCS		04:53:00	5T11	
	4 PADTON	05:05:00	05:22:00	2T11	00:17:00
	4 HTRWTM4	05:51:00	06:13:00	2Y12	00:22:00
	4 PADTON	06:44:00	06:52:00	2T17	00:08:00
	4 HTRWTM4	07:21:00	07:43:00	2Y18	00:22:00
	4 PADTON	08:14:00	08:22:00	2T23	00:08:00
	4 HTRWTM4	08:51:00	09:13:00	2Y24	00:22:00
	4 PADTON	09:44:00	09:52:00	2T29	00:08:00
	4 HTRWTM4	10:21:00	10:43:00	2Y30	00:22:00
	4 PADTON	11:14:00	11:22:00	2T35	00:08:00
	4 HTRWTM4	11:51:00	12:13:00	2Y36	00:22:00
	4 PADTON	12:44:00	12:52:00	2T41	00:08:00
	4 HTRWTM4	13:21:00	13:43:00	2Y42	00:22:00
	4 PADTON	14:14:00	14:22:00	2T47	00:08:00
	4 HTRWTM4	14:51:00	15:13:00	2Y48	00:22:00
	4 PADTON	15:44:00	15:52:00	2T53	00:08:00
	4 HTRWTM4	16:21:00	16:43:00	2Y54	00:22:00
	4 PADTON	17:14:00	17:22:00	2T59	00:08:00
	4 HTRWTM4	17:51:00	18:13:00	2Y60	00:22:00
	4 PADTON	18:44:00	18:52:00	2T65	00:08:00
	4 HTRWTM4	19:21:00	19:43:00	2Y66	00:22:00
	4 PADTON	20:14:00	20:22:00	2T71	00:08:00
	4 HTRWTM4	20:51:00	21:13:00	2Y72	00:22:00
	4 PADTON	21:44:00	21:52:00	2T77	00:08:00
	4 HTRWTM4	22:21:00	22:43:00	2Y78	00:22:00
	4 PADTON	23:14:00	23:29:00	5Y78	00:15:00
	4 OLDOCCS	23:40:00			

## Diagram 5

Diagram	Location	Arr	Dep	ID	T/A
	5 OLDOCCS		05:08:00	5T12	
	5 PADTON	05:20:00	05:37:00	2T12	00:17:00
	5 HTRWTM4	06:06:00	06:28:00	2Y13	00:22:00
	5 PADTON	06:59:00	07:07:00	2T18	00:08:00
	5 HTRWTM4	07:36:00	07:58:00	2Y19	00:22:00
	5 PADTON	08:29:00	08:37:00	2T24	00:08:00
	5 HTRWTM4	09:06:00	09:28:00	2Y25	00:22:00
	5 PADTON	09:59:00	10:07:00	2T30	00:08:00
	5 HTRWTM4	10:36:00	10:58:00	2Y31	00:22:00
	5 PADTON	11:29:00	11:37:00	2T36	00:08:00

5 HTRWMT4	12:06:00	12:28:00	2Y37	00:22:00
5 PADTON	12:59:00	13:07:00	2T42	00:08:00
5 HTRWMT4	13:36:00	13:58:00	2Y43	00:22:00
5 PADTON	14:29:00	14:37:00	2T48	00:08:00
5 HTRWMT4	15:06:00	15:28:00	2Y49	00:22:00
5 PADTON	15:59:00	16:07:00	2T54	00:08:00
5 HTRWMT4	16:36:00	16:58:00	2Y55	00:22:00
5 PADTON	17:29:00	17:37:00	2T60	00:08:00
5 HTRWMT4	18:06:00	18:28:00	2Y61	00:22:00
5 PADTON	18:59:00	19:07:00	2T66	00:08:00
5 HTRWMT4	19:36:00	19:58:00	2Y67	00:22:00
5 PADTON	20:29:00	20:37:00	2T72	00:08:00
5 HTRWMT4	21:06:00	21:28:00	2Y73	00:22:00
5 PADTON	21:59:00	22:07:00	2T78	00:08:00
5 HTRWMT4	22:36:00	22:58:00	2Y79	00:22:00
5 PADTON	23:29:00	23:44:00	5Y79	00:15:00
5 OLDOCCS	23:55:00			

Diagram 6

Diagram	Location	Arr	Dep	ID	T/A
6 OLDOCCS			05:30:30	5T13	
6 PADTON		05:42:30	05:52:00	2T13	00:09:30
6 HTRWMT4		06:21:00	06:43:00	2Y14	00:22:00
6 PADTON		07:14:00	07:22:00	2T19	00:08:00
6 HTRWMT4		07:51:00	08:13:00	2Y20	00:22:00
6 PADTON		08:44:00	08:52:00	2T25	00:08:00
6 HTRWMT4		09:21:00	09:43:00	2Y26	00:22:00
6 PADTON		10:14:00	10:22:00	2T31	00:08:00
6 HTRWMT4		10:51:00	11:13:00	2Y32	00:22:00
6 PADTON		11:44:00	11:52:00	2T37	00:08:00
6 HTRWMT4		12:21:00	12:43:00	2Y38	00:22:00
6 PADTON		13:14:00	13:22:00	2T43	00:08:00
6 HTRWMT4		13:51:00	14:13:00	2Y44	00:22:00
6 PADTON		14:44:00	14:52:00	2T49	00:08:00
6 HTRWMT4		15:21:00	15:43:00	2Y50	00:22:00
6 PADTON		16:14:00	16:22:00	2T55	00:08:00
6 HTRWMT4		16:51:00	17:13:00	2Y56	00:22:00
6 PADTON		17:44:00	17:52:00	2T61	00:08:00
6 HTRWMT4		18:21:00	18:43:00	2Y62	00:22:00
6 PADTON		19:14:00	19:22:00	2T67	00:08:00
6 HTRWMT4		19:51:00	20:13:00	2Y68	00:22:00
6 PADTON		20:44:00	20:52:00	2T73	00:08:00
6 HTRWMT4		21:21:00	21:43:00	2Y74	00:22:00
6 PADTON		22:14:00	22:22:00	2T79	00:08:00
6 HTRWMT4		22:51:00	23:13:00	2Y80	00:22:00
6 PADTON		23:44:00	23:59:00	5Y80	00:15:00

6 OLDOCCS 00:10:00



Diagram OC501 Traction: 345  
 Operational Spare Unit  
 Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		



Diagram OC502 Traction: 345  
 Operational Spare Unit  
 Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

**Part 3 – Stage 3 Crossrail Services****Stage 3 SX**

Diagram HT-101		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
HT-101	OOCXRSD		04:23:00	5Y08	
HT-101	HTRWTM4	05:06:00	05:18:00	2Y08	00:12:00
HT-101	PADTON	05:49:00	05:57:00	2T13	00:08:00
HT-101	HTRWTM4	06:26:00	06:48:00	2Y14	00:22:00
HT-101	PADTON	07:19:00	07:27:00	2T19	00:08:00
HT-101	HTRWTM4	07:56:00	08:18:00	2Y20	00:22:00
HT-101	PADTON	08:49:00	08:57:00	2T25	00:08:00
HT-101	HTRWTM4	09:26:00	09:48:00	2Y26	00:22:00
HT-101	PADTON	10:19:00	10:27:00	2T31	00:08:00
HT-101	HTRWTM4	10:56:00	11:18:00	2Y32	00:22:00
HT-101	PADTON	11:49:00	11:57:00	2T37	00:08:00
HT-101	HTRWTM4	12:26:00	12:48:00	2Y38	00:22:00
HT-101	PADTON	13:19:00	13:27:00	2T43	00:08:00
HT-101	HTRWTM4	13:56:00	14:18:00	2Y44	00:22:00
HT-101	PADTON	14:49:00	14:57:00	2T49	00:08:00
HT-101	HTRWTM4	15:26:00	15:48:00	2Y50	00:22:00
HT-101	PADTON	16:19:00	16:27:00	2T55	00:08:00
HT-101	HTRWTM4	16:56:00	17:18:00	2Y56	00:22:00
HT-101	PADTON	17:49:00	17:57:00	2T61	00:08:00
HT-101	HTRWTM4	18:26:00	18:48:00	2Y62	00:22:00
HT-101	PADTON	19:19:00	19:27:00	2T67	00:08:00
HT-101	HTRWTM4	19:56:00	20:18:00	2Y68	00:22:00
HT-101	PADTON	20:49:00	20:57:00	2T73	00:08:00
HT-101	HTRWTM4	21:26:00	21:48:00	2Y74	00:22:00
HT-101	PADTON	22:19:00	22:27:00	2T79	00:08:00
HT-101	HTRWTM4	22:56:00	23:18:00	2Y80	00:22:00
HT-101	PADTON	23:49:00	23:57:00	2T85	00:08:00
HT-101	HTRWTM4	00:26:00	00:33:00	5T85	00:07:00
HT-101	OOCXRSD	01:08:30			

Diagram HT-102		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
HT-102	OOCXRSD		04:35:30	5Y09	
HT-102	HTRWTM4	05:13:00	05:33:00	2Y09	00:20:00
HT-102	PADTON	06:04:00	06:12:00	2T14	00:08:00
HT-102	HTRWTM4	06:41:00	07:03:00	2Y15	00:22:00
HT-102	PADTON	07:34:00	07:42:00	2T20	00:08:00
HT-102	HTRWTM4	08:11:00	08:33:00	2Y21	00:22:00
HT-102	PADTON	09:04:00	09:12:00	2T26	00:08:00
HT-102	HTRWTM4	09:41:00	10:03:00	2Y27	00:22:00
HT-102	PADTON	10:34:00	10:42:00	2T32	00:08:00

HT-102	HTRWTM4	11:11:00	11:33:00	2Y33	00:22:00
HT-102	PADTON	12:04:00	12:12:00	2T38	00:08:00
HT-102	HTRWTM4	12:41:00	13:03:00	2Y39	00:22:00
HT-102	PADTON	13:34:00	13:42:00	2T44	00:08:00
HT-102	HTRWTM4	14:11:00	14:33:00	2Y45	00:22:00
HT-102	PADTON	15:04:00	15:12:00	2T50	00:08:00
HT-102	HTRWTM4	15:41:00	16:03:00	2Y51	00:22:00
HT-102	PADTON	16:34:00	16:42:00	2T56	00:08:00
HT-102	HTRWTM4	17:11:00	17:33:00	2Y57	00:22:00
HT-102	PADTON	18:04:00	18:12:00	2T62	00:08:00
HT-102	HTRWTM4	18:41:00	19:03:00	2Y63	00:22:00
HT-102	PADTON	19:35:00	19:42:00	2T68	00:07:00
HT-102	HTRWTM4	20:11:00	20:33:00	2Y69	00:22:00
HT-102	PADTON	21:04:00	21:12:00	2T74	00:08:00
HT-102	HTRWTM4	21:41:00	22:03:00	2Y75	00:22:00
HT-102	PADTON	22:34:00	22:42:00	2T80	00:08:00
HT-102	HTRWTM4	23:11:00	23:33:00	2Y81	00:22:00
HT-102	PADTON	00:04:00	00:12:00	2T86	00:08:00
HT-102	HTRWTM4	00:41:00	00:48:00	5T86	00:07:00
HT-102	OOCXRSD	01:30:00			

Diagram HT-103

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
HT-103	OOCXRSD		04:35:00	5T09	
HT-103	PADTON	04:49:00	04:57:00	2T09	00:08:00
HT-103	HTRWTM4	05:26:00	05:48:00	2Y10	00:22:00
HT-103	PADTON	06:19:00	06:27:00	2T15	00:08:00
HT-103	HTRWTM4	06:56:00	07:18:00	2Y16	00:22:00
HT-103	PADTON	07:49:00	07:57:00	2T21	00:08:00
HT-103	HTRWTM4	08:26:00	08:48:00	2Y22	00:22:00
HT-103	PADTON	09:19:00	09:27:00	2T27	00:08:00
HT-103	HTRWTM4	09:56:00	10:18:00	2Y28	00:22:00
HT-103	PADTON	10:49:00	10:57:00	2T33	00:08:00
HT-103	HTRWTM4	11:26:00	11:48:00	2Y34	00:22:00
HT-103	PADTON	12:19:00	12:27:00	2T39	00:08:00
HT-103	HTRWTM4	12:56:00	13:18:00	2Y40	00:22:00
HT-103	PADTON	13:49:00	13:57:00	2T45	00:08:00
HT-103	HTRWTM4	14:26:00	14:48:00	2Y46	00:22:00
HT-103	PADTON	15:19:00	15:27:00	2T51	00:08:00
HT-103	HTRWTM4	15:56:00	16:18:00	2Y52	00:22:00
HT-103	PADTON	16:50:00	16:57:00	2T57	00:07:00
HT-103	HTRWTM4	17:26:00	17:48:00	2Y58	00:22:00
HT-103	PADTON	18:19:00	18:27:00	2T63	00:08:00
HT-103	HTRWTM4	18:56:00	19:18:00	2Y64	00:22:00
HT-103	PADTON	19:49:00	19:57:00	2T69	00:08:00
HT-103	HTRWTM4	20:26:00	20:48:00	2Y70	00:22:00

HT-103	PADTON	21:19:00	21:27:00	2T75	00:08:00
HT-103	HTRWTM4	21:56:00	22:18:00	2Y76	00:22:00
HT-103	PADTON	22:49:00	22:57:00	2T81	00:08:00
HT-103	HTRWTM4	23:26:00	23:48:00	2Y82	00:22:00
HT-103	PADTON	00:19:00	00:30:00	5Y82	00:11:00
HT-103	OOCXRSD	00:48:30			

Diagram HT-104		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
HT-104	OOCXRSD		04:50:00	5T10	
HT-104	PADTON	05:04:00	05:12:00	2T10	00:08:00
HT-104	HTRWTM4	05:41:00	06:03:00	2Y11	00:22:00
HT-104	PADTON	06:34:00	06:42:00	2T16	00:08:00
HT-104	HTRWTM4	07:11:00	07:33:00	2Y17	00:22:00
HT-104	PADTON	08:04:00	08:12:00	2T22	00:08:00
HT-104	HTRWTM4	08:41:00	09:03:00	2Y23	00:22:00
HT-104	PADTON	09:34:00	09:42:00	2T28	00:08:00
HT-104	HTRWTM4	10:11:00	10:33:00	2Y29	00:22:00
HT-104	PADTON	11:04:00	11:12:00	2T34	00:08:00
HT-104	HTRWTM4	11:41:00	12:03:00	2Y35	00:22:00
HT-104	PADTON	12:34:00	12:42:00	2T40	00:08:00
HT-104	HTRWTM4	13:11:00	13:33:00	2Y41	00:22:00
HT-104	PADTON	14:04:00	14:12:00	2T46	00:08:00
HT-104	HTRWTM4	14:41:00	15:03:00	2Y47	00:22:00
HT-104	PADTON	15:34:00	15:42:00	2T52	00:08:00
HT-104	HTRWTM4	16:11:00	16:33:00	2Y53	00:22:00
HT-104	PADTON	17:04:00	17:12:00	2T58	00:08:00
HT-104	HTRWTM4	17:41:00	18:03:00	2Y59	00:22:00
HT-104	PADTON	18:34:00	18:42:00	2T64	00:08:00
HT-104	HTRWTM4	19:11:00	19:33:00	2Y65	00:22:00
HT-104	PADTON	20:04:00	20:12:00	2T70	00:08:00
HT-104	HTRWTM4	20:41:00	21:03:00	2Y71	00:22:00
HT-104	PADTON	21:34:00	21:42:00	2T76	00:08:00
HT-104	HTRWTM4	22:11:00	22:33:00	2Y77	00:22:00
HT-104	PADTON	23:04:00	23:12:00	2T82	00:08:00
HT-104	HTRWTM4	23:41:00	00:03:00	2Y83	00:22:00
HT-104	PADTON	00:34:00	00:41:00	5Y83	00:07:00
HT-104	OOCXRSD	01:00:30			

Diagram HT-105		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
HT-105	OOCXRSD		05:05:00	5T11	
HT-105	PADTON	05:19:00	05:27:00	2T11	00:08:00
HT-105	HTRWTM4	05:56:00	06:18:00	2Y12	00:22:00
HT-105	PADTON	06:49:00	06:57:00	2T17	00:08:00
HT-105	HTRWTM4	07:26:00	07:48:00	2Y18	00:22:00



HT-105	PADTON	08:19:00	08:27:00	2T23	00:08:00
HT-105	HTRWTM4	08:56:00	09:18:00	2Y24	00:22:00
HT-105	PADTON	09:49:00	09:57:00	2T29	00:08:00
HT-105	HTRWTM4	10:26:00	10:48:00	2Y30	00:22:00
HT-105	PADTON	11:19:00	11:27:00	2T35	00:08:00
HT-105	HTRWTM4	11:56:00	12:18:00	2Y36	00:22:00
HT-105	PADTON	12:49:00	12:57:00	2T41	00:08:00
HT-105	HTRWTM4	13:26:00	13:48:00	2Y42	00:22:00
HT-105	PADTON	14:19:00	14:27:00	2T47	00:08:00
HT-105	HTRWTM4	14:56:00	15:18:00	2Y48	00:22:00
HT-105	PADTON	15:49:00	15:57:00	2T53	00:08:00
HT-105	HTRWTM4	16:26:00	16:48:00	2Y54	00:22:00
HT-105	PADTON	17:19:00	17:27:00	2T59	00:08:00
HT-105	HTRWTM4	17:56:00	18:18:00	2Y60	00:22:00
HT-105	PADTON	18:49:00	18:57:00	2T65	00:08:00
HT-105	HTRWTM4	19:26:00	19:48:00	2Y66	00:22:00
HT-105	PADTON	20:19:00	20:27:00	2T71	00:08:00
HT-105	HTRWTM4	20:56:00	21:18:00	2Y72	00:22:00
HT-105	PADTON	21:49:00	21:57:00	2T77	00:08:00
HT-105	HTRWTM4	22:26:00	22:48:00	2Y78	00:22:00
HT-105	PADTON	23:19:00	23:27:00	2T83	00:08:00
HT-105	HTRWTM4	23:56:00	00:13:00	5T83	00:17:00
HT-105	OOCXRSD	00:51:30			

## Diagram HT-106

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
HT-106	OOCXRSD		05:20:00	5T12	
HT-106	PADTON	05:34:00	05:42:00	2T12	00:08:00
HT-106	HTRWTM4	06:11:00	06:33:00	2Y13	00:22:00
HT-106	PADTON	07:04:00	07:12:00	2T18	00:08:00
HT-106	HTRWTM4	07:41:00	08:03:00	2Y19	00:22:00
HT-106	PADTON	08:34:00	08:42:00	2T24	00:08:00
HT-106	HTRWTM4	09:11:00	09:33:00	2Y25	00:22:00
HT-106	PADTON	10:04:00	10:12:00	2T30	00:08:00
HT-106	HTRWTM4	10:41:00	11:03:00	2Y31	00:22:00
HT-106	PADTON	11:34:00	11:42:00	2T36	00:08:00
HT-106	HTRWTM4	12:11:00	12:33:00	2Y37	00:22:00
HT-106	PADTON	13:04:00	13:12:00	2T42	00:08:00
HT-106	HTRWTM4	13:41:00	14:03:00	2Y43	00:22:00
HT-106	PADTON	14:34:00	14:42:00	2T48	00:08:00
HT-106	HTRWTM4	15:11:00	15:33:00	2Y49	00:22:00
HT-106	PADTON	16:04:00	16:12:00	2T54	00:08:00
HT-106	HTRWTM4	16:41:00	17:03:00	2Y55	00:22:00
HT-106	PADTON	17:34:00	17:42:00	2T60	00:08:00
HT-106	HTRWTM4	18:11:00	18:33:00	2Y61	00:22:00
HT-106	PADTON	19:04:00	19:12:00	2T66	00:08:00

HT-106	HTRWTM4	19:41:00	20:03:00	2Y67	00:22:00
HT-106	PADTON	20:34:00	20:42:00	2T72	00:08:00
HT-106	HTRWTM4	21:11:00	21:33:00	2Y73	00:22:00
HT-106	PADTON	22:04:00	22:12:00	2T78	00:08:00
HT-106	HTRWTM4	22:41:00	23:03:00	2Y79	00:22:00
HT-106	PADTON	23:34:00	23:42:00	2T84	00:08:00
HT-106	HTRWTM4	00:11:00	00:18:00	5T84	00:07:00
HT-106	OOCXRSD	01:08:30			

Diagram TN-201

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-201	OOCXRSD		06:03:30	5A01	
TN-201	WBRNEPK	06:15:00	06:15:30	1A01	00:00:30
TN-201	ABWDXR	06:45:30	06:51:00	1B22	00:05:30
TN-201	WBRNEPK	07:21:00	07:30:30	1A20	00:09:30
TN-201	ABWDXR	08:01:30	08:07:00	1B41	00:05:30
TN-201	WBRNEPK	08:37:00	08:46:30	1A39	00:09:30
TN-201	ABWDXR	09:17:30	09:23:00	1B60	00:05:30
TN-201	WBRNEPK	09:53:00	10:02:30	1A58	00:09:30
TN-201	ABWDXR	10:33:30	10:39:00	1B79	00:05:30
TN-201	WBRNEPK	11:09:00	11:18:30	1A77	00:09:30
TN-201	ABWDXR	11:49:30	11:55:00	1B98	00:05:30
TN-201	WBRNEPK	12:25:00	12:34:30	1A96	00:09:30
TN-201	ABWDXR	13:05:30	13:11:00	1B17	00:05:30
TN-201	WBRNEPK	13:41:00	13:50:30	1A15	00:09:30
TN-201	ABWDXR	14:21:30	14:27:00	1B36	00:05:30
TN-201	WBRNEPK	14:57:00	15:06:30	1A34	00:09:30
TN-201	ABWDXR	15:37:30	15:43:00	1B55	00:05:30
TN-201	WBRNEPK	16:13:00	16:22:30	1A53	00:09:30
TN-201	ABWDXR	16:53:30	16:59:00	1B74	00:05:30
TN-201	WBRNEPK	17:29:00	17:38:30	1A72	00:09:30
TN-201	ABWDXR	18:09:30	18:15:00	1B93	00:05:30
TN-201	WBRNEPK	18:45:00	18:54:30	1A91	00:09:30
TN-201	ABWDXR	19:25:30	19:31:00	1B12	00:05:30
TN-201	WBRNEPK	20:01:00	20:10:30	1A10	00:09:30
TN-201	ABWDXR	20:41:30	20:47:00	1B31	00:05:30
TN-201	WBRNEPK	21:17:00	21:26:30	1A29	00:09:30
TN-201	ABWDXR	21:57:30	22:03:00	1B50	00:05:30
TN-201	WBRNEPK	22:33:00	22:42:30	1A45	00:09:30
TN-201	ABWDXR	23:13:30	23:20:00	1B66	00:06:30
TN-201	WBRNEPK	23:50:00	00:01:30	1A59	00:11:30
TN-201	ABWDXR	00:32:30	00:39:00	1B80	00:06:30
TN-201	WBRNEPK	01:08:00	01:09:00	5B80	00:01:00
TN-201	OOCXRSD	01:23:30			

Diagram TN-202

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-202	OOCXRSD		04:37:30	5A81	
TN-202	WBRNEPK	04:49:00	04:49:30	1A81	00:00:30
TN-202	ABWDXR	05:19:30	05:26:00	1B04	00:06:30
TN-202	WBRNEPK	05:56:00	06:06:30	1A99	00:10:30
TN-202	ABWDXR	06:37:30	06:43:00	1B20	00:05:30
TN-202	WBRNEPK	07:13:00	07:22:30	1A18	00:09:30
TN-202	ABWDXR	07:53:30	07:59:00	1B39	00:05:30
TN-202	WBRNEPK	08:29:00	08:38:30	1A37	00:09:30
TN-202	ABWDXR	09:09:30	09:15:00	1B58	00:05:30
TN-202	WBRNEPK	09:45:00	09:54:30	1A56	00:09:30
TN-202	ABWDXR	10:25:30	10:31:00	1B77	00:05:30
TN-202	WBRNEPK	11:01:00	11:10:30	1A75	00:09:30
TN-202	ABWDXR	11:41:30	11:47:00	1B96	00:05:30
TN-202	WBRNEPK	12:17:00	12:26:30	1A94	00:09:30
TN-202	ABWDXR	12:57:30	13:03:00	1B15	00:05:30
TN-202	WBRNEPK	13:33:00	13:42:30	1A13	00:09:30
TN-202	ABWDXR	14:13:30	14:19:00	1B34	00:05:30
TN-202	WBRNEPK	14:49:00	14:58:30	1A32	00:09:30
TN-202	ABWDXR	15:29:30	15:35:00	1B53	00:05:30
TN-202	WBRNEPK	16:05:00	16:14:30	1A51	00:09:30
TN-202	ABWDXR	16:45:30	16:51:00	1B72	00:05:30
TN-202	WBRNEPK	17:21:00	17:30:30	1A70	00:09:30
TN-202	ABWDXR	18:01:30	18:07:00	1B91	00:05:30
TN-202	WBRNEPK	18:37:00	18:46:30	1A89	00:09:30
TN-202	ABWDXR	19:17:30	19:23:00	1B10	00:05:30
TN-202	WBRNEPK	19:53:00	20:02:30	1A08	00:09:30
TN-202	ABWDXR	20:33:30	20:39:00	1B29	00:05:30
TN-202	WBRNEPK	21:09:00	21:18:30	1A27	00:09:30
TN-202	ABWDXR	21:49:30	21:55:00	1B48	00:05:30
TN-202	WBRNEPK	22:25:00	22:37:30	1A44	00:12:30
TN-202	ABWDXR	23:08:30	23:15:00	1B65	00:06:30
TN-202	WBRNEPK	23:45:00	23:46:30	5B65	00:01:30
TN-202	OOCXRSD	00:01:00			

## Diagram TN-203

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-203	OOCXRSD		05:27:30	5A93	
TN-203	WBRNEPK	05:39:00	05:39:30	1A93	00:00:30
TN-203	ABWDXR	06:09:30	06:16:00	1B14	00:06:30
TN-203	WBRNEPK	06:49:00	06:58:30	1A12	00:09:30
TN-203	ABWDXR	07:29:30	07:35:00	1B33	00:05:30
TN-203	WBRNEPK	08:05:00	08:14:30	1A31	00:09:30
TN-203	ABWDXR	08:45:30	08:51:00	1B52	00:05:30
TN-203	WBRNEPK	09:21:00	09:30:30	1A50	00:09:30
TN-203	ABWDXR	10:01:30	10:07:00	1B71	00:05:30

TN-203	WBRNEPK	10:37:00	10:46:30 1A69	00:09:30
TN-203	ABWDXR	11:17:30	11:23:00 1B90	00:05:30
TN-203	WBRNEPK	11:53:00	12:02:30 1A88	00:09:30
TN-203	ABWDXR	12:33:30	12:39:00 1B09	00:05:30
TN-203	WBRNEPK	13:09:00	13:18:30 1A07	00:09:30
TN-203	ABWDXR	13:49:30	13:55:00 1B28	00:05:30
TN-203	WBRNEPK	14:25:00	14:34:30 1A26	00:09:30
TN-203	ABWDXR	15:05:30	15:11:00 1B47	00:05:30
TN-203	WBRNEPK	15:41:00	15:50:30 1A45	00:09:30
TN-203	ABWDXR	16:21:30	16:27:00 1B66	00:05:30
TN-203	WBRNEPK	16:57:00	17:06:30 1A64	00:09:30
TN-203	ABWDXR	17:37:30	17:43:00 1B85	00:05:30
TN-203	WBRNEPK	18:13:00	18:22:30 1A83	00:09:30
TN-203	ABWDXR	18:53:30	18:59:00 1B04	00:05:30
TN-203	WBRNEPK	19:29:00	19:38:30 1A02	00:09:30
TN-203	ABWDXR	20:09:30	20:15:00 1B23	00:05:30
TN-203	WBRNEPK	20:45:00	20:54:30 1A21	00:09:30
TN-203	ABWDXR	21:25:30	21:31:00 1B42	00:05:30
TN-203	WBRNEPK	22:01:00	22:12:30 1A39	00:11:30
TN-203	ABWDXR	22:43:30	22:50:00 1B60	00:06:30
TN-203	WBRNEPK	23:20:00	23:27:30 1A54	00:07:30
TN-203	ABWDXR	23:58:30	00:05:00 1B75	00:06:30
TN-203	WBRNEPK	00:34:00	00:36:30 5B76	00:02:30
TN-203	OOCXRSD	00:52:30		

Diagram TN-204

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-204	OOCXRSD		05:51:30	5A98	
TN-204	WBRNEPK	06:03:00	06:03:30	1A98	00:00:30
TN-204	ABWDXR	06:33:30	06:39:00	1B19	00:05:30
TN-204	WBRNEPK	07:09:00	07:18:30	1A17	00:09:30
TN-204	ABWDXR	07:49:30	07:55:00	1B38	00:05:30
TN-204	WBRNEPK	08:25:00	08:34:30	1A36	00:09:30
TN-204	ABWDXR	09:05:30	09:11:00	1B57	00:05:30
TN-204	WBRNEPK	09:41:00	09:50:30	1A55	00:09:30
TN-204	ABWDXR	10:21:30	10:27:00	1B76	00:05:30
TN-204	WBRNEPK	10:57:00	11:06:30	1A74	00:09:30
TN-204	ABWDXR	11:37:30	11:43:00	1B95	00:05:30
TN-204	WBRNEPK	12:13:00	12:22:30	1A93	00:09:30
TN-204	ABWDXR	12:53:30	12:59:00	1B14	00:05:30
TN-204	WBRNEPK	13:29:00	13:38:30	1A12	00:09:30
TN-204	ABWDXR	14:09:30	14:15:00	1B33	00:05:30
TN-204	WBRNEPK	14:45:00	14:54:30	1A31	00:09:30
TN-204	ABWDXR	15:25:30	15:31:00	1B52	00:05:30
TN-204	WBRNEPK	16:01:00	16:10:30	1A50	00:09:30
TN-204	ABWDXR	16:41:30	16:47:00	1B71	00:05:30

TN-204	WBRNEPK	17:17:00	17:26:30	1A69	00:09:30
TN-204	ABWDXR	17:57:30	18:03:00	1B90	00:05:30
TN-204	WBRNEPK	18:33:00	18:42:30	1A88	00:09:30
TN-204	ABWDXR	19:13:30	19:19:00	1B09	00:05:30
TN-204	WBRNEPK	19:49:00	19:58:30	1A07	00:09:30
TN-204	ABWDXR	20:29:30	20:35:00	1B28	00:05:30
TN-204	WBRNEPK	21:05:00	21:14:30	1A26	00:09:30
TN-204	ABWDXR	21:45:30	21:51:00	1B47	00:05:30
TN-204	WBRNEPK	22:21:00	22:32:30	1A43	00:11:30
TN-204	ABWDXR	23:03:30	23:10:00	1B64	00:06:30
TN-204	WBRNEPK	23:40:00	23:53:30	1A58	00:13:30
TN-204	ABWDXR	00:24:30	00:31:00	1B79	00:06:30
TN-204	WBRNEPK	01:00:00	01:01:30	5B81	00:01:30
TN-204	OOCXRSD	01:16:30			

Diagram TN-205		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-205	OOCXRSD		04:57:30	5A85	
TN-205	WBRNEPK	05:09:00	05:09:30	1A85	00:00:30
TN-205	ABWDXR	05:39:30	05:46:00	1B08	00:06:30
TN-205	WBRNEPK	06:16:00	06:26:30	1A04	00:10:30
TN-205	ABWDXR	06:57:30	07:03:00	1B25	00:05:30
TN-205	WBRNEPK	07:33:00	07:42:30	1A23	00:09:30
TN-205	ABWDXR	08:13:30	08:19:00	1B44	00:05:30
TN-205	WBRNEPK	08:49:00	08:58:30	1A42	00:09:30
TN-205	ABWDXR	09:29:30	09:35:00	1B63	00:05:30
TN-205	WBRNEPK	10:05:00	10:14:30	1A61	00:09:30
TN-205	ABWDXR	10:45:30	10:51:00	1B82	00:05:30
TN-205	WBRNEPK	11:21:00	11:30:30	1A80	00:09:30
TN-205	ABWDXR	12:01:30	12:07:00	1B01	00:05:30
TN-205	WBRNEPK	12:37:00	12:46:30	1A99	00:09:30
TN-205	ABWDXR	13:17:30	13:23:00	1B20	00:05:30
TN-205	WBRNEPK	13:53:00	14:02:30	1A18	00:09:30
TN-205	ABWDXR	14:33:30	14:39:00	1B39	00:05:30
TN-205	WBRNEPK	15:09:00	15:18:30	1A37	00:09:30
TN-205	ABWDXR	15:49:30	15:55:00	1B58	00:05:30
TN-205	WBRNEPK	16:25:00	16:34:30	1A56	00:09:30
TN-205	ABWDXR	17:05:30	17:11:00	1B77	00:05:30
TN-205	WBRNEPK	17:41:00	17:50:30	1A75	00:09:30
TN-205	ABWDXR	18:21:30	18:27:00	1B96	00:05:30
TN-205	WBRNEPK	18:57:00	19:06:30	1A94	00:09:30
TN-205	ABWDXR	19:37:30	19:43:00	1B15	00:05:30
TN-205	WBRNEPK	20:13:00	20:22:30	1A13	00:09:30
TN-205	ABWDXR	20:53:30	20:59:00	1B34	00:05:30
TN-205	WBRNEPK	21:29:00	21:38:30	1A32	00:09:30
TN-205	ABWDXR	22:09:30	22:15:00	1B53	00:05:30

TN-205	WBRNEPK	22:45:00	22:57:30	1A48	00:12:30
TN-205	ABWDXR	23:28:30	23:35:00	1B69	00:06:30
TN-205	WBRNEPK	00:05:00	00:06:00	5B69	00:01:00
TN-205	OOCXRSD	00:20:30			

Diagram TN-206		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-206	OOCXRSD		04:42:30	5A82	
TN-206	WBRNEPK	04:54:00	04:54:30	1A82	00:00:30
TN-206	ABWDXR	05:24:30	05:31:00	1B05	00:06:30
TN-206	WBRNEPK	06:01:00	06:10:30	1A00	00:09:30
TN-206	ABWDXR	06:41:30	06:47:00	1B21	00:05:30
TN-206	WBRNEPK	07:17:00	07:26:30	1A19	00:09:30
TN-206	ABWDXR	07:57:30	08:03:00	1B40	00:05:30
TN-206	WBRNEPK	08:33:00	08:42:30	1A38	00:09:30
TN-206	ABWDXR	09:13:30	09:19:00	1B59	00:05:30
TN-206	WBRNEPK	09:49:00	09:58:30	1A57	00:09:30
TN-206	ABWDXR	10:29:30	10:35:00	1B78	00:05:30
TN-206	WBRNEPK	11:05:00	11:14:30	1A76	00:09:30
TN-206	ABWDXR	11:45:30	11:51:00	1B97	00:05:30
TN-206	WBRNEPK	12:21:00	12:30:30	1A95	00:09:30
TN-206	ABWDXR	13:01:30	13:07:00	1B16	00:05:30
TN-206	WBRNEPK	13:37:00	13:46:30	1A14	00:09:30
TN-206	ABWDXR	14:17:30	14:23:00	1B35	00:05:30
TN-206	WBRNEPK	14:53:00	15:02:30	1A33	00:09:30
TN-206	ABWDXR	15:33:30	15:39:00	1B54	00:05:30
TN-206	WBRNEPK	16:09:00	16:18:30	1A52	00:09:30
TN-206	ABWDXR	16:49:30	16:55:00	1B73	00:05:30
TN-206	WBRNEPK	17:25:00	17:34:30	1A71	00:09:30
TN-206	ABWDXR	18:05:30	18:11:00	1B92	00:05:30
TN-206	WBRNEPK	18:41:00	18:50:30	1A90	00:09:30
TN-206	ABWDXR	19:21:30	19:27:00	1B11	00:05:30
TN-206	WBRNEPK	19:57:00	20:06:30	1A09	00:09:30
TN-206	ABWDXR	20:37:30	20:43:00	1B30	00:05:30
TN-206	WBRNEPK	21:13:00	21:22:30	1A28	00:09:30
TN-206	ABWDXR	21:53:30	21:59:00	1B49	00:05:30
TN-206	WBRNEPK	22:29:00	22:30:30	5B49	00:01:30
TN-206	OOCXRSD	22:45:00			

Diagram TN-207		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-207	OOCXRSD		04:32:30	5A80	
TN-207	WBRNEPK	04:44:00	04:44:30	1A80	00:00:30
TN-207	ABWDXR	05:14:30	05:21:00	1B03	00:06:30
TN-207	WBRNEPK	05:51:00	05:58:30	1A97	00:07:30
TN-207	ABWDXR	06:29:30	06:35:00	1B18	00:05:30

TN-207	WBRNEPK	07:05:00	07:14:30	1A16	00:09:30
TN-207	ABWDXR	07:45:30	07:51:00	1B37	00:05:30
TN-207	WBRNEPK	08:21:00	08:30:30	1A35	00:09:30
TN-207	ABWDXR	09:01:30	09:07:00	1B56	00:05:30
TN-207	WBRNEPK	09:37:00	09:46:30	1A54	00:09:30
TN-207	ABWDXR	10:17:30	10:23:00	1B75	00:05:30
TN-207	WBRNEPK	10:53:00	11:02:30	1A73	00:09:30
TN-207	ABWDXR	11:33:30	11:39:00	1B94	00:05:30
TN-207	WBRNEPK	12:09:00	12:18:30	1A92	00:09:30
TN-207	ABWDXR	12:49:30	12:55:00	1B13	00:05:30
TN-207	WBRNEPK	13:25:00	13:34:30	1A11	00:09:30
TN-207	ABWDXR	14:05:30	14:11:00	1B32	00:05:30
TN-207	WBRNEPK	14:41:00	14:50:30	1A30	00:09:30
TN-207	ABWDXR	15:21:30	15:27:00	1B51	00:05:30
TN-207	WBRNEPK	15:57:00	16:06:30	1A49	00:09:30
TN-207	ABWDXR	16:37:30	16:43:00	1B70	00:05:30
TN-207	WBRNEPK	17:13:00	17:22:30	1A68	00:09:30
TN-207	ABWDXR	17:53:30	17:59:00	1B89	00:05:30
TN-207	WBRNEPK	18:29:00	18:38:30	1A87	00:09:30
TN-207	ABWDXR	19:09:30	19:15:00	1B08	00:05:30
TN-207	WBRNEPK	19:45:00	19:54:30	1A06	00:09:30
TN-207	ABWDXR	20:25:30	20:31:00	1B27	00:05:30
TN-207	WBRNEPK	21:01:00	21:10:30	1A25	00:09:30
TN-207	ABWDXR	21:41:30	21:47:00	1B46	00:05:30
TN-207	WBRNEPK	22:17:00	22:27:30	1A42	00:10:30
TN-207	ABWDXR	22:58:30	23:05:00	1B63	00:06:30
TN-207	WBRNEPK	23:35:00	23:45:30	1A57	00:10:30
TN-207	ABWDXR	00:16:30	00:23:00	1B78	00:06:30
TN-207	WBRNEPK	00:52:00	00:53:00	5B79	00:01:00
TN-207	OOCXRSD	01:12:30			

Diagram TN-208

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-208	OOCXRSD		06:43:30	5A11	
TN-208	WBRNEPK	06:55:00	06:55:30	1A11	00:00:30
TN-208	ABWDXR	07:25:30	07:31:00	1B32	00:05:30
TN-208	WBRNEPK	08:01:00	08:10:30	1A30	00:09:30
TN-208	ABWDXR	08:41:30	08:47:00	1B51	00:05:30
TN-208	WBRNEPK	09:17:00	09:26:30	1A49	00:09:30
TN-208	ABWDXR	09:57:30	10:03:00	1B70	00:05:30
TN-208	WBRNEPK	10:33:00	10:42:30	1A68	00:09:30
TN-208	ABWDXR	11:13:30	11:19:00	1B89	00:05:30
TN-208	WBRNEPK	11:49:00	11:58:30	1A87	00:09:30
TN-208	ABWDXR	12:29:30	12:35:00	1B08	00:05:30
TN-208	WBRNEPK	13:05:00	13:14:30	1A06	00:09:30
TN-208	ABWDXR	13:45:30	13:51:00	1B27	00:05:30

TN-208	WBRNEPK	14:21:00	14:30:30 1A25	00:09:30
TN-208	ABWDXR	15:01:30	15:07:00 1B46	00:05:30
TN-208	WBRNEPK	15:37:00	15:46:30 1A44	00:09:30
TN-208	ABWDXR	16:17:30	16:23:00 1B65	00:05:30
TN-208	WBRNEPK	16:53:00	17:02:30 1A63	00:09:30
TN-208	ABWDXR	17:33:30	17:39:00 1B84	00:05:30
TN-208	WBRNEPK	18:09:00	18:18:30 1A82	00:09:30
TN-208	ABWDXR	18:49:30	18:55:00 1B03	00:05:30
TN-208	WBRNEPK	19:25:00	19:34:30 1A01	00:09:30
TN-208	ABWDXR	20:05:30	20:11:00 1B22	00:05:30
TN-208	WBRNEPK	20:41:00	20:50:30 1A20	00:09:30
TN-208	ABWDXR	21:21:30	21:27:00 1B41	00:05:30
TN-208	WBRNEPK	21:57:00	22:07:30 1A38	00:10:30
TN-208	ABWDXR	22:38:30	22:45:00 1B59	00:06:30
TN-208	WBRNEPK	23:15:00	23:22:30 1A53	00:07:30
TN-208	ABWDXR	23:53:30	00:00:30 1B74	00:07:00
TN-208	WBRNEPK	00:29:00	00:30:00 5B74	00:01:00
TN-208	OOCXRSD	00:44:30		

Diagram TN-209		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-209	OOCXRSD		05:22:30	5A90	
TN-209	WBRNEPK	05:34:00	05:34:30	1A90	00:00:30
TN-209	ABWDXR	06:04:30	06:11:00	1B13	00:06:30
TN-209	WBRNEPK	06:41:00	06:50:30	1A10	00:09:30
TN-209	ABWDXR	07:21:30	07:27:00	1B31	00:05:30
TN-209	WBRNEPK	07:57:00	08:06:30	1A29	00:09:30
TN-209	ABWDXR	08:37:30	08:43:00	1B50	00:05:30
TN-209	WBRNEPK	09:13:00	09:22:30	1A48	00:09:30
TN-209	ABWDXR	09:53:30	09:59:00	1B69	00:05:30
TN-209	WBRNEPK	10:29:00	10:38:30	1A67	00:09:30
TN-209	ABWDXR	11:09:30	11:15:00	1B88	00:05:30
TN-209	WBRNEPK	11:45:00	11:54:30	1A86	00:09:30
TN-209	ABWDXR	12:25:30	12:31:00	1B07	00:05:30
TN-209	WBRNEPK	13:01:00	13:10:30	1A05	00:09:30
TN-209	ABWDXR	13:41:30	13:47:00	1B26	00:05:30
TN-209	WBRNEPK	14:17:00	14:26:30	1A24	00:09:30
TN-209	ABWDXR	14:57:30	15:03:00	1B45	00:05:30
TN-209	WBRNEPK	15:33:00	15:42:30	1A43	00:09:30
TN-209	ABWDXR	16:13:30	16:19:00	1B64	00:05:30
TN-209	WBRNEPK	16:49:00	16:58:30	1A62	00:09:30
TN-209	ABWDXR	17:29:30	17:35:00	1B83	00:05:30
TN-209	WBRNEPK	18:05:00	18:14:30	1A81	00:09:30
TN-209	ABWDXR	18:45:30	18:51:00	1B02	00:05:30
TN-209	WBRNEPK	19:21:00	19:30:30	1A00	00:09:30
TN-209	ABWDXR	20:01:30	20:07:00	1B21	00:05:30



TN-209	WBRNEPK	20:37:00	20:46:30	1A19	00:09:30
TN-209	ABWDXR	21:17:30	21:23:00	1B40	00:05:30
TN-209	WBRNEPK	21:53:00	21:54:30	5B40	00:01:30
TN-209	OOCXRSD	22:09:00			

Diagram TN-210		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-210	OOCXRSD		06:27:30	5A07	
TN-210	WBRNEPK	06:39:00	06:39:30	1A07	00:00:30
TN-210	ABWDXR	07:09:30	07:15:00	1B28	00:05:30
TN-210	WBRNEPK	07:45:00	07:54:30	1A26	00:09:30
TN-210	ABWDXR	08:25:30	08:31:00	1B47	00:05:30
TN-210	WBRNEPK	09:01:00	09:10:30	1A45	00:09:30
TN-210	ABWDXR	09:41:30	09:47:00	1B66	00:05:30
TN-210	WBRNEPK	10:17:00	10:26:30	1A64	00:09:30
TN-210	ABWDXR	10:57:30	11:03:00	1B85	00:05:30
TN-210	WBRNEPK	11:33:00	11:42:30	1A83	00:09:30
TN-210	ABWDXR	12:13:30	12:19:00	1B04	00:05:30
TN-210	WBRNEPK	12:49:00	12:58:30	1A02	00:09:30
TN-210	ABWDXR	13:29:30	13:35:00	1B23	00:05:30
TN-210	WBRNEPK	14:05:00	14:14:30	1A21	00:09:30
TN-210	ABWDXR	14:45:30	14:51:00	1B42	00:05:30
TN-210	WBRNEPK	15:21:00	15:30:30	1A40	00:09:30
TN-210	ABWDXR	16:01:30	16:07:00	1B61	00:05:30
TN-210	WBRNEPK	16:37:00	16:46:30	1A59	00:09:30
TN-210	ABWDXR	17:17:30	17:23:00	1B80	00:05:30
TN-210	WBRNEPK	17:53:00	18:02:30	1A78	00:09:30
TN-210	ABWDXR	18:33:30	18:39:00	1B99	00:05:30
TN-210	WBRNEPK	19:09:00	19:18:30	1A97	00:09:30
TN-210	ABWDXR	19:49:30	19:55:00	1B18	00:05:30
TN-210	WBRNEPK	20:25:00	20:34:30	1A16	00:09:30
TN-210	ABWDXR	21:05:30	21:11:00	1B37	00:05:30
TN-210	WBRNEPK	21:41:00	21:52:30	1A35	00:11:30
TN-210	ABWDXR	22:23:30	22:30:00	1B56	00:06:30
TN-210	WBRNEPK	23:00:00	23:12:30	1A51	00:12:30
TN-210	ABWDXR	23:43:30	23:50:00	1B72	00:06:30
TN-210	WBRNEPK	00:19:00	00:20:00	5B72	00:01:00
TN-210	OOCXRSD	00:34:30			

Diagram TN-211		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-211	OOCXRSD		05:42:30	5A96	
TN-211	WBRNEPK	05:54:00	05:54:30	1A96	00:00:30
TN-211	ABWDXR	06:24:30	06:31:00	1B17	00:06:30
TN-211	WBRNEPK	07:01:00	07:10:30	1A15	00:09:30
TN-211	ABWDXR	07:41:30	07:47:00	1B36	00:05:30

TN-211	WBRNEPK	08:17:00	08:26:30 1A34	00:09:30
TN-211	ABWDXR	08:57:30	09:03:00 1B55	00:05:30
TN-211	WBRNEPK	09:33:00	09:42:30 1A53	00:09:30
TN-211	ABWDXR	10:13:30	10:19:00 1B74	00:05:30
TN-211	WBRNEPK	10:49:00	10:58:30 1A72	00:09:30
TN-211	ABWDXR	11:29:30	11:35:00 1B93	00:05:30
TN-211	WBRNEPK	12:05:00	12:14:30 1A91	00:09:30
TN-211	ABWDXR	12:45:30	12:51:00 1B12	00:05:30
TN-211	WBRNEPK	13:21:00	13:30:30 1A10	00:09:30
TN-211	ABWDXR	14:01:30	14:07:00 1B31	00:05:30
TN-211	WBRNEPK	14:37:00	14:46:30 1A29	00:09:30
TN-211	ABWDXR	15:17:30	15:23:00 1B50	00:05:30
TN-211	WBRNEPK	15:53:00	16:02:30 1A48	00:09:30
TN-211	ABWDXR	16:33:30	16:39:00 1B69	00:05:30
TN-211	WBRNEPK	17:09:00	17:18:30 1A67	00:09:30
TN-211	ABWDXR	17:49:30	17:55:00 1B88	00:05:30
TN-211	WBRNEPK	18:25:00	18:34:30 1A86	00:09:30
TN-211	ABWDXR	19:05:30	19:11:00 1B07	00:05:30
TN-211	WBRNEPK	19:41:00	19:50:30 1A05	00:09:30
TN-211	ABWDXR	20:21:30	20:27:00 1B26	00:05:30
TN-211	WBRNEPK	20:57:00	21:06:30 1A24	00:09:30
TN-211	ABWDXR	21:37:30	21:43:00 1B45	00:05:30
TN-211	WBRNEPK	22:13:00	22:22:30 1A41	00:09:30
TN-211	ABWDXR	22:53:30	23:00:00 1B62	00:06:30
TN-211	WBRNEPK	23:30:00	23:37:30 1A56	00:07:30
TN-211	ABWDXR	00:08:30	00:15:00 1B77	00:06:30
TN-211	WBRNEPK	00:44:00	00:45:30 5B78	00:01:30
TN-211	OOCXRSD	01:04:30		

## Diagram TN-212

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-212	OOCXRSD		05:37:30	5A95	
TN-212	WBRNEPK	05:49:00	05:49:30	1A95	00:00:30
TN-212	ABWDXR	06:19:30	06:26:00	1B16	00:06:30
TN-212	WBRNEPK	06:56:00	07:06:30	1A14	00:10:30
TN-212	ABWDXR	07:37:30	07:43:00	1B35	00:05:30
TN-212	WBRNEPK	08:13:00	08:22:30	1A33	00:09:30
TN-212	ABWDXR	08:53:30	08:59:00	1B54	00:05:30
TN-212	WBRNEPK	09:29:00	09:38:30	1A52	00:09:30
TN-212	ABWDXR	10:09:30	10:15:00	1B73	00:05:30
TN-212	WBRNEPK	10:45:00	10:54:30	1A71	00:09:30
TN-212	ABWDXR	11:25:30	11:31:00	1B92	00:05:30
TN-212	WBRNEPK	12:01:00	12:10:30	1A90	00:09:30
TN-212	ABWDXR	12:41:30	12:47:00	1B11	00:05:30
TN-212	WBRNEPK	13:17:00	13:26:30	1A09	00:09:30
TN-212	ABWDXR	13:57:30	14:03:00	1B30	00:05:30

TN-212	WBRNEPK	14:33:00	14:42:30	1A28	00:09:30
TN-212	ABWDXR	15:13:30	15:19:00	1B49	00:05:30
TN-212	WBRNEPK	15:49:00	15:58:30	1A47	00:09:30
TN-212	ABWDXR	16:29:30	16:35:00	1B68	00:05:30
TN-212	WBRNEPK	17:05:00	17:14:30	1A66	00:09:30
TN-212	ABWDXR	17:45:30	17:51:00	1B87	00:05:30
TN-212	WBRNEPK	18:21:00	18:30:30	1A85	00:09:30
TN-212	ABWDXR	19:01:30	19:07:00	1B06	00:05:30
TN-212	WBRNEPK	19:37:00	19:46:30	1A04	00:09:30
TN-212	ABWDXR	20:17:30	20:23:00	1B25	00:05:30
TN-212	WBRNEPK	20:53:00	21:02:30	1A23	00:09:30
TN-212	ABWDXR	21:33:30	21:39:00	1B44	00:05:30
TN-212	WBRNEPK	22:09:00	22:10:30	5B44	00:01:30
TN-212	OOCXRSD	22:25:00			

## Diagram TN-213

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-213	OOCXRSD		05:32:30	5A94	
TN-213	WBRNEPK	05:44:00	05:44:30	1A94	00:00:30
TN-213	ABWDXR	06:14:30	06:21:00	1B15	00:06:30
TN-213	WBRNEPK	06:52:00	07:02:30	1A13	00:10:30
TN-213	ABWDXR	07:33:30	07:39:00	1B34	00:05:30
TN-213	WBRNEPK	08:09:00	08:18:30	1A32	00:09:30
TN-213	ABWDXR	08:49:30	08:55:00	1B53	00:05:30
TN-213	WBRNEPK	09:25:00	09:34:30	1A51	00:09:30
TN-213	ABWDXR	10:05:30	10:11:00	1B72	00:05:30
TN-213	WBRNEPK	10:41:00	10:50:30	1A70	00:09:30
TN-213	ABWDXR	11:21:30	11:27:00	1B91	00:05:30
TN-213	WBRNEPK	11:57:00	12:06:30	1A89	00:09:30
TN-213	ABWDXR	12:37:30	12:43:00	1B10	00:05:30
TN-213	WBRNEPK	13:13:00	13:22:30	1A08	00:09:30
TN-213	ABWDXR	13:53:30	13:59:00	1B29	00:05:30
TN-213	WBRNEPK	14:29:00	14:38:30	1A27	00:09:30
TN-213	ABWDXR	15:09:30	15:15:00	1B48	00:05:30
TN-213	WBRNEPK	15:45:00	15:54:30	1A46	00:09:30
TN-213	ABWDXR	16:25:30	16:31:00	1B67	00:05:30
TN-213	WBRNEPK	17:01:00	17:10:30	1A65	00:09:30
TN-213	ABWDXR	17:41:30	17:47:00	1B86	00:05:30
TN-213	WBRNEPK	18:17:00	18:26:30	1A84	00:09:30
TN-213	ABWDXR	18:57:30	19:03:00	1B05	00:05:30
TN-213	WBRNEPK	19:33:00	19:42:30	1A03	00:09:30
TN-213	ABWDXR	20:13:30	20:19:00	1B24	00:05:30
TN-213	WBRNEPK	20:49:00	20:58:30	1A22	00:09:30
TN-213	ABWDXR	21:29:30	21:35:00	1B43	00:05:30
TN-213	WBRNEPK	22:05:00	22:17:30	1A40	00:12:30
TN-213	ABWDXR	22:48:30	22:55:00	1B61	00:06:30

TN-213	WBRNEPK	23:25:00	23:32:30	1A55	00:07:30
TN-213	ABWDXR	00:03:30	00:10:00	1B76	00:06:30
TN-213	WBRNEPK	00:39:00	00:42:00	5B77	00:03:00
TN-213	OOCXRSD	00:56:30			

Diagram TN-214		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-214	OOCXRSD		05:17:30	5A89	
TN-214	WBRNEPK	05:29:00	05:29:30	1A89	00:00:30
TN-214	ABWDXR	05:59:30	06:06:00	1B12	00:06:30
TN-214	WBRNEPK	06:36:00	06:46:30	1A09	00:10:30
TN-214	ABWDXR	07:17:30	07:23:00	1B30	00:05:30
TN-214	WBRNEPK	07:53:00	08:02:30	1A28	00:09:30
TN-214	ABWDXR	08:33:30	08:39:00	1B49	00:05:30
TN-214	WBRNEPK	09:09:00	09:18:30	1A47	00:09:30
TN-214	ABWDXR	09:49:30	09:55:00	1B68	00:05:30
TN-214	WBRNEPK	10:25:00	10:34:30	1A66	00:09:30
TN-214	ABWDXR	11:05:30	11:11:00	1B87	00:05:30
TN-214	WBRNEPK	11:41:00	11:50:30	1A85	00:09:30
TN-214	ABWDXR	12:21:30	12:27:00	1B06	00:05:30
TN-214	WBRNEPK	12:57:00	13:06:30	1A04	00:09:30
TN-214	ABWDXR	13:37:30	13:43:00	1B25	00:05:30
TN-214	WBRNEPK	14:13:00	14:22:30	1A23	00:09:30
TN-214	ABWDXR	14:53:30	14:59:00	1B44	00:05:30
TN-214	WBRNEPK	15:29:00	15:38:30	1A42	00:09:30
TN-214	ABWDXR	16:09:30	16:15:00	1B63	00:05:30
TN-214	WBRNEPK	16:45:00	16:54:30	1A61	00:09:30
TN-214	ABWDXR	17:25:30	17:31:00	1B82	00:05:30
TN-214	WBRNEPK	18:01:00	18:10:30	1A80	00:09:30
TN-214	ABWDXR	18:41:30	18:47:00	1B01	00:05:30
TN-214	WBRNEPK	19:17:00	19:26:30	1A99	00:09:30
TN-214	ABWDXR	19:57:30	20:03:00	1B20	00:05:30
TN-214	WBRNEPK	20:33:00	20:42:30	1A18	00:09:30
TN-214	ABWDXR	21:13:30	21:19:00	1B39	00:05:30
TN-214	WBRNEPK	21:50:00	22:02:30	1A37	00:12:30
TN-214	ABWDXR	22:33:30	22:40:00	1B58	00:06:30
TN-214	WBRNEPK	23:10:00	23:11:30	5B58	00:01:30
TN-214	OOCXRSD	23:26:00			

Diagram TN-215		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-215	OOCXRSD		05:07:30	5A87	
TN-215	WBRNEPK	05:19:00	05:19:30	1A87	00:00:30
TN-215	ABWDXR	05:49:30	05:56:00	1B10	00:06:30
TN-215	WBRNEPK	06:26:00	06:34:30	1A06	00:08:30
TN-215	ABWDXR	07:05:30	07:11:00	1B27	00:05:30

TN-215	WBRNEPK	07:41:00	07:50:30	1A25	00:09:30
TN-215	ABWDXR	08:21:30	08:27:00	1B46	00:05:30
TN-215	WBRNEPK	08:57:00	09:06:30	1A44	00:09:30
TN-215	ABWDXR	09:37:30	09:43:00	1B65	00:05:30
TN-215	WBRNEPK	10:13:00	10:22:30	1A63	00:09:30
TN-215	ABWDXR	10:53:30	10:59:00	1B84	00:05:30
TN-215	WBRNEPK	11:29:00	11:38:30	1A82	00:09:30
TN-215	ABWDXR	12:09:30	12:15:00	1B03	00:05:30
TN-215	WBRNEPK	12:45:00	12:54:30	1A01	00:09:30
TN-215	ABWDXR	13:25:30	13:31:00	1B22	00:05:30
TN-215	WBRNEPK	14:01:00	14:10:30	1A20	00:09:30
TN-215	ABWDXR	14:41:30	14:47:00	1B41	00:05:30
TN-215	WBRNEPK	15:17:00	15:26:30	1A39	00:09:30
TN-215	ABWDXR	15:57:30	16:03:00	1B60	00:05:30
TN-215	WBRNEPK	16:33:00	16:42:30	1A58	00:09:30
TN-215	ABWDXR	17:13:30	17:19:00	1B79	00:05:30
TN-215	WBRNEPK	17:49:00	17:58:30	1A77	00:09:30
TN-215	ABWDXR	18:29:30	18:35:00	1B98	00:05:30
TN-215	WBRNEPK	19:05:00	19:14:30	1A96	00:09:30
TN-215	ABWDXR	19:45:30	19:51:00	1B17	00:05:30
TN-215	WBRNEPK	20:21:00	20:30:30	1A15	00:09:30
TN-215	ABWDXR	21:01:30	21:07:00	1B36	00:05:30
TN-215	WBRNEPK	21:37:00	21:47:30	1A34	00:10:30
TN-215	ABWDXR	22:18:30	22:25:00	1B55	00:06:30
TN-215	WBRNEPK	22:55:00	23:07:30	1A50	00:12:30
TN-215	ABWDXR	23:38:30	23:45:00	1B71	00:06:30
TN-215	WBRNEPK	00:14:00	00:15:00	5B71	00:01:00
TN-215	OOCXRSD	00:29:30			

Diagram TN-216		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-216	OOCXRSD		05:02:30	5A86	
TN-216	WBRNEPK	05:14:00	05:14:30	1A86	00:00:30
TN-216	ABWDXR	05:44:30	05:51:00	1B09	00:06:30
TN-216	WBRNEPK	06:21:00	06:30:30	1A05	00:09:30
TN-216	ABWDXR	07:01:30	07:07:00	1B26	00:05:30
TN-216	WBRNEPK	07:37:00	07:46:30	1A24	00:09:30
TN-216	ABWDXR	08:17:30	08:23:00	1B45	00:05:30
TN-216	WBRNEPK	08:53:00	09:02:30	1A43	00:09:30
TN-216	ABWDXR	09:33:30	09:39:00	1B64	00:05:30
TN-216	WBRNEPK	10:09:00	10:18:30	1A62	00:09:30
TN-216	ABWDXR	10:49:30	10:55:00	1B83	00:05:30
TN-216	WBRNEPK	11:25:00	11:34:30	1A81	00:09:30
TN-216	ABWDXR	12:05:30	12:11:00	1B02	00:05:30
TN-216	WBRNEPK	12:41:00	12:50:30	1A00	00:09:30
TN-216	ABWDXR	13:21:30	13:27:00	1B21	00:05:30

TN-216	WBRNEPK	13:57:00	14:06:30 1A19	00:09:30
TN-216	ABWDXR	14:37:30	14:43:00 1B40	00:05:30
TN-216	WBRNEPK	15:13:00	15:22:30 1A38	00:09:30
TN-216	ABWDXR	15:53:30	15:59:00 1B59	00:05:30
TN-216	WBRNEPK	16:29:00	16:38:30 1A57	00:09:30
TN-216	ABWDXR	17:09:30	17:15:00 1B78	00:05:30
TN-216	WBRNEPK	17:45:00	17:54:30 1A76	00:09:30
TN-216	ABWDXR	18:25:30	18:31:00 1B97	00:05:30
TN-216	WBRNEPK	19:01:00	19:10:30 1A95	00:09:30
TN-216	ABWDXR	19:41:30	19:47:00 1B16	00:05:30
TN-216	WBRNEPK	20:17:00	20:26:30 1A14	00:09:30
TN-216	ABWDXR	20:57:30	21:03:00 1B35	00:05:30
TN-216	WBRNEPK	21:33:00	21:42:30 1A33	00:09:30
TN-216	ABWDXR	22:13:30	22:20:00 1B54	00:06:30
TN-216	WBRNEPK	22:50:00	23:02:30 1A49	00:12:30
TN-216	ABWDXR	23:33:30	23:40:00 1B70	00:06:30
TN-216	WBRNEPK	00:10:00	00:17:30 1A61	00:07:30
TN-216	ABWDXR	00:48:30	00:55:00 1B82	00:06:30
TN-216	WBRNEPK	01:24:00	01:25:00 5B85	00:01:00
TN-216	OOCXRSD	01:39:30		

## Diagram TN-217

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-217	OOCXRSD		04:52:30	5A84	
TN-217	WBRNEPK	05:04:00	05:04:30	1A84	00:00:30
TN-217	ABWDXR	05:34:30	05:41:00	1B07	00:06:30
TN-217	WBRNEPK	06:11:00	06:22:30	1A03	00:11:30
TN-217	ABWDXR	06:53:30	06:59:00	1B24	00:05:30
TN-217	WBRNEPK	07:29:00	07:38:30	1A22	00:09:30
TN-217	ABWDXR	08:09:30	08:15:00	1B43	00:05:30
TN-217	WBRNEPK	08:45:00	08:54:30	1A41	00:09:30
TN-217	ABWDXR	09:25:30	09:31:00	1B62	00:05:30
TN-217	WBRNEPK	10:01:00	10:10:30	1A60	00:09:30
TN-217	ABWDXR	10:41:30	10:47:00	1B81	00:05:30
TN-217	WBRNEPK	11:17:00	11:26:30	1A79	00:09:30
TN-217	ABWDXR	11:57:30	12:03:00	1B00	00:05:30
TN-217	WBRNEPK	12:33:00	12:42:30	1A98	00:09:30
TN-217	ABWDXR	13:13:30	13:19:00	1B19	00:05:30
TN-217	WBRNEPK	13:49:00	13:58:30	1A17	00:09:30
TN-217	ABWDXR	14:29:30	14:35:00	1B38	00:05:30
TN-217	WBRNEPK	15:05:00	15:14:30	1A36	00:09:30
TN-217	ABWDXR	15:45:30	15:51:00	1B57	00:05:30
TN-217	WBRNEPK	16:21:00	16:30:30	1A55	00:09:30
TN-217	ABWDXR	17:01:30	17:07:00	1B76	00:05:30
TN-217	WBRNEPK	17:37:00	17:46:30	1A74	00:09:30
TN-217	ABWDXR	18:17:30	18:23:00	1B95	00:05:30

TN-217	WBRNEPK	18:53:00	19:02:30 1A93	00:09:30
TN-217	ABWDXR	19:33:30	19:39:00 1B14	00:05:30
TN-217	WBRNEPK	20:09:00	20:18:30 1A12	00:09:30
TN-217	ABWDXR	20:49:30	20:55:00 1B33	00:05:30
TN-217	WBRNEPK	21:25:00	21:34:30 1A31	00:09:30
TN-217	ABWDXR	22:05:30	22:11:00 1B52	00:05:30
TN-217	WBRNEPK	22:41:00	22:52:30 1A47	00:11:30
TN-217	ABWDXR	23:23:30	23:30:00 1B68	00:06:30
TN-217	WBRNEPK	00:00:00	00:09:30 1A60	00:09:30
TN-217	ABWDXR	00:40:30	00:47:00 1B81	00:06:30
TN-217	WBRNEPK	01:16:00	01:17:30 5B84	00:01:30
TN-217	OOCXRSD	01:34:00		

## Diagram TN-218

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
TN-218	OOCXRSD		04:47:30	5A83	
TN-218	WBRNEPK	04:59:00	04:59:30	1A83	00:00:30
TN-218	ABWDXR	05:29:30	05:36:00	1B06	00:06:30
TN-218	WBRNEPK	06:06:00	06:18:30	1A02	00:12:30
TN-218	ABWDXR	06:49:30	06:55:00	1B23	00:05:30
TN-218	WBRNEPK	07:25:00	07:34:30	1A21	00:09:30
TN-218	ABWDXR	08:05:30	08:11:00	1B42	00:05:30
TN-218	WBRNEPK	08:41:00	08:50:30	1A40	00:09:30
TN-218	ABWDXR	09:21:30	09:27:00	1B61	00:05:30
TN-218	WBRNEPK	09:57:00	10:06:30	1A59	00:09:30
TN-218	ABWDXR	10:37:30	10:43:00	1B80	00:05:30
TN-218	WBRNEPK	11:13:00	11:22:30	1A78	00:09:30
TN-218	ABWDXR	11:53:30	11:59:00	1B99	00:05:30
TN-218	WBRNEPK	12:29:00	12:38:30	1A97	00:09:30
TN-218	ABWDXR	13:09:30	13:15:00	1B18	00:05:30
TN-218	WBRNEPK	13:45:00	13:54:30	1A16	00:09:30
TN-218	ABWDXR	14:25:30	14:31:00	1B37	00:05:30
TN-218	WBRNEPK	15:01:00	15:10:30	1A35	00:09:30
TN-218	ABWDXR	15:41:30	15:47:00	1B56	00:05:30
TN-218	WBRNEPK	16:17:00	16:26:30	1A54	00:09:30
TN-218	ABWDXR	16:57:30	17:03:00	1B75	00:05:30
TN-218	WBRNEPK	17:33:00	17:42:30	1A73	00:09:30
TN-218	ABWDXR	18:13:30	18:19:00	1B94	00:05:30
TN-218	WBRNEPK	18:49:00	18:58:30	1A92	00:09:30
TN-218	ABWDXR	19:29:30	19:35:00	1B13	00:05:30
TN-218	WBRNEPK	20:05:00	20:14:30	1A11	00:09:30
TN-218	ABWDXR	20:45:30	20:51:00	1B32	00:05:30
TN-218	WBRNEPK	21:21:00	21:30:30	1A30	00:09:30
TN-218	ABWDXR	22:01:30	22:07:00	1B51	00:05:30
TN-218	WBRNEPK	22:39:30	22:47:30	1A46	00:08:00
TN-218	ABWDXR	23:18:30	23:25:00	1B67	00:06:30

TN-218	WBRNEPK	23:55:00	23:56:30	5B67	00:01:30
TN-218	OOCXRSD	00:11:00			

Diagram TN-219		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
TN-219	OOCXRSD		05:12:30	5A88	
TN-219	WBRNEPK	05:24:00	05:24:30	1A88	00:00:30
TN-219	ABWDXR	05:54:30	06:01:00	1B11	00:06:30
TN-219	WBRNEPK	06:33:00	06:42:30	1A08	00:09:30
TN-219	ABWDXR	07:13:30	07:19:00	1B29	00:05:30
TN-219	WBRNEPK	07:49:00	07:58:30	1A27	00:09:30
TN-219	ABWDXR	08:29:30	08:35:00	1B48	00:05:30
TN-219	WBRNEPK	09:05:00	09:14:30	1A46	00:09:30
TN-219	ABWDXR	09:45:30	09:51:00	1B67	00:05:30
TN-219	WBRNEPK	10:21:00	10:30:30	1A65	00:09:30
TN-219	ABWDXR	11:01:30	11:07:00	1B86	00:05:30
TN-219	WBRNEPK	11:37:00	11:46:30	1A84	00:09:30
TN-219	ABWDXR	12:17:30	12:23:00	1B05	00:05:30
TN-219	WBRNEPK	12:53:00	13:02:30	1A03	00:09:30
TN-219	ABWDXR	13:33:30	13:39:00	1B24	00:05:30
TN-219	WBRNEPK	14:09:00	14:18:30	1A22	00:09:30
TN-219	ABWDXR	14:49:30	14:55:00	1B43	00:05:30
TN-219	WBRNEPK	15:25:00	15:34:30	1A41	00:09:30
TN-219	ABWDXR	16:05:30	16:11:00	1B62	00:05:30
TN-219	WBRNEPK	16:41:00	16:50:30	1A60	00:09:30
TN-219	ABWDXR	17:21:30	17:27:00	1B81	00:05:30
TN-219	WBRNEPK	17:57:00	18:06:30	1A79	00:09:30
TN-219	ABWDXR	18:37:30	18:43:00	1B00	00:05:30
TN-219	WBRNEPK	19:13:00	19:22:30	1A98	00:09:30
TN-219	ABWDXR	19:53:30	19:59:00	1B19	00:05:30
TN-219	WBRNEPK	20:29:00	20:38:30	1A17	00:09:30
TN-219	ABWDXR	21:09:30	21:15:00	1B38	00:05:30
TN-219	WBRNEPK	21:45:00	21:57:30	1A36	00:12:30
TN-219	ABWDXR	22:28:30	22:35:00	1B57	00:06:30
TN-219	WBRNEPK	23:05:00	23:17:30	1A52	00:12:30
TN-219	ABWDXR	23:48:30	23:55:00	1B73	00:06:30
TN-219	WBRNEPK	00:24:00	00:25:00	5B73	00:01:00
TN-219	OOCXRSD	00:39:30			

Diagram DR-301		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
DR-301	OOCXRSD		09:28:30	5L00	
DR-301	CHDWHTT	10:16:00	10:39:30	5L03	00:23:30
DR-301	OOCXRSD	11:27:00	12:00:30	5L10	00:33:30
DR-301	CHDWHTT	12:49:00	13:09:30	5L13	00:20:30
DR-301	OOCXRSD	13:55:00	14:28:30	5L20	00:33:30



DR-301	CHDWHTT	15:16:00	15:24:00	5L97	00:08:00
DR-301	ILFEMUD	15:38:00	19:19:30	5L98	03:41:30
DR-301	CHDWHTT	19:30:00	19:39:30	5L25	00:09:30
DR-301	OOCXRSD	20:27:00			

## Diagram DR-302

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
DR-302	OOCXRSD		10:00:30	5L02	
DR-302	CHDWHTT	10:45:00	11:09:30	5L05	00:24:30
DR-302	OOCXRSD	11:55:00	12:28:30	5L12	00:33:30
DR-302	CHDWHTT	13:16:30	13:39:30	5L15	00:23:00
DR-302	OOCXRSD	14:27:00	15:00:30	5L22	00:33:30
DR-302	CHDWHTT	15:45:30	15:55:00	5L99	00:09:30
DR-302	ILFEMUD	16:09:30	18:48:30	5L96	02:39:00
DR-302	CHDWHTT	18:59:00	19:09:30	5L23	00:10:30
DR-302	OOCXRSD	19:55:00	20:28:30	5L30	00:33:30
DR-302	CHDWHTT	21:16:30	21:39:30	5L33	00:23:00
DR-302	OOCXRSD	22:30:00			

## Diagram DR-303

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
DR-303	OOCXRSD		10:28:30	5L04	
DR-303	CHDWHTT	11:16:00	11:39:30	5L07	00:23:30
DR-303	OOCXRSD	12:27:00	13:00:30	5L14	00:33:30
DR-303	CHDWHTT	13:45:30	14:09:30	5L17	00:24:00
DR-303	OOCXRSD	14:55:00	20:00:30	5L28	05:05:30
DR-303	CHDWHTT	20:45:30	21:09:30	5L31	00:24:00
DR-303	OOCXRSD	21:55:00			

## Diagram DR-304

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
DR-304	OOCXRSD		09:00:30	5L98	
DR-304	CHDWHTT	09:48:00	10:09:30	5L01	00:21:30
DR-304	OOCXRSD	10:55:00	11:28:30	5L08	00:33:30
DR-304	CHDWHTT	12:16:00	12:45:30	5L11	00:29:30
DR-304	OOCXRSD	13:35:00	14:00:30	5L18	00:25:30
DR-304	CHDWHTT	14:45:30	15:09:30	5L21	00:24:00
DR-304	OOCXRSD	15:55:00	18:52:30	5L24	02:57:30
DR-304	CHDWHTT	19:45:00	20:09:30	5L27	00:24:30
DR-304	OOCXRSD	20:58:30			

## Diagram DR-305

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
DR-305	OOCXRSD		11:00:30	5L06	
DR-305	CHDWHTT	11:46:00	12:09:30	5L09	00:23:30

DR-305	OOCXRSD	12:55:00	13:28:30	5L16	00:33:30
DR-305	CHDWHTT	14:16:00	14:39:30	5L19	00:23:30
DR-305	OOCXRSD	15:27:00	19:29:30	5L26	04:02:30
DR-305	CHDWHTT	20:16:30	20:39:30	5L29	00:23:00
DR-305	OOCXRSD	21:27:00			

	Diagram OC501		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

	Diagram OC502		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		04:35:00	
	ABWHDSH	05:18:00	00:25:00	
	OLDOCCS	01:15:00		

**Stage 3 SO**

Diagram HT-101			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
HT-101	OOCXRSD		04:23:00	5Y08	
HT-101	PADTON	04:37:00	04:45:00	5Y08	00:08:00
HT-101	HTRWTM4	05:06:00	05:18:00	2Y08	00:12:00
HT-101	PADTON	05:49:00	05:57:00	2T13	00:08:00
HT-101	HTRWTM4	06:26:00	06:48:00	2Y14	00:22:00
HT-101	PADTON	07:19:00	07:27:00	2T19	00:08:00
HT-101	HTRWTM4	07:56:00	08:18:00	2Y20	00:22:00
HT-101	PADTON	08:49:00	08:57:00	2T25	00:08:00
HT-101	HTRWTM4	09:26:00	09:48:00	2Y26	00:22:00
HT-101	PADTON	10:19:00	10:27:00	2T31	00:08:00
HT-101	HTRWTM4	10:56:00	11:18:00	2Y32	00:22:00
HT-101	PADTON	11:49:00	11:57:00	2T37	00:08:00
HT-101	HTRWTM4	12:26:00	12:48:00	2Y38	00:22:00
HT-101	PADTON	13:19:00	13:27:00	2T43	00:08:00
HT-101	HTRWTM4	13:56:00	14:18:00	2Y44	00:22:00
HT-101	PADTON	14:49:00	14:57:00	2T49	00:08:00
HT-101	HTRWTM4	15:26:00	15:48:00	2Y50	00:22:00
HT-101	PADTON	16:19:00	16:27:00	2T55	00:08:00
HT-101	HTRWTM4	16:56:00	17:18:00	2Y56	00:22:00
HT-101	PADTON	17:49:00	17:57:00	2T61	00:08:00
HT-101	HTRWTM4	18:26:00	18:48:00	2Y62	00:22:00
HT-101	PADTON	19:19:00	19:27:00	2T67	00:08:00
HT-101	HTRWTM4	19:56:00	20:18:00	2Y68	00:22:00
HT-101	PADTON	20:49:00	20:57:00	2T73	00:08:00
HT-101	HTRWTM4	21:26:00	21:48:00	2Y74	00:22:00
HT-101	PADTON	22:19:00	22:27:00	2T79	00:08:00
HT-101	HTRWTM4	22:56:00	23:18:00	2Y80	00:22:00
HT-101	PADTON	23:49:00	23:57:00	2T85	00:08:00
HT-101	HTRWTM4	00:26:00	00:33:00	5T85	00:07:00
HT-101	KENSLGS	00:53:30	01:00:30	5T85	00:07:00
HT-101	OOCXRSD	01:08:30			

Diagram HT-102			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
HT-102	OOCXRSD		04:35:30	5Y09	
HT-102	KENSLGS	04:43:30	04:50:30	5Y09	00:07:00
HT-102	HTRWTM4	05:13:00	05:33:00	2Y09	00:20:00
HT-102	PADTON	06:04:00	06:12:00	2T14	00:08:00
HT-102	HTRWTM4	06:41:00	07:03:00	2Y15	00:22:00
HT-102	PADTON	07:34:00	07:42:00	2T20	00:08:00
HT-102	HTRWTM4	08:11:00	08:33:00	2Y21	00:22:00
HT-102	PADTON	09:04:00	09:12:00	2T26	00:08:00

HT-102	HTRWTM4	09:41:00	10:03:00	2Y27	00:22:00
HT-102	PADTON	10:34:00	10:42:00	2T32	00:08:00
HT-102	HTRWTM4	11:11:00	11:33:00	2Y33	00:22:00
HT-102	PADTON	12:04:00	12:12:00	2T38	00:08:00
HT-102	HTRWTM4	12:41:00	13:03:00	2Y39	00:22:00
HT-102	PADTON	13:34:00	13:42:00	2T44	00:08:00
HT-102	HTRWTM4	14:11:00	14:33:00	2Y45	00:22:00
HT-102	PADTON	15:04:00	15:12:00	2T50	00:08:00
HT-102	HTRWTM4	15:41:00	16:03:00	2Y51	00:22:00
HT-102	PADTON	16:34:00	16:42:00	2T56	00:08:00
HT-102	HTRWTM4	17:11:00	17:33:00	2Y57	00:22:00
HT-102	PADTON	18:04:00	18:12:00	2T62	00:08:00
HT-102	HTRWTM4	18:41:00	19:03:00	2Y63	00:22:00
HT-102	PADTON	19:35:00	19:42:00	2T68	00:07:00
HT-102	HTRWTM4	20:11:00	20:33:00	2Y69	00:22:00
HT-102	PADTON	21:04:00	21:12:00	2T74	00:08:00
HT-102	HTRWTM4	21:41:00	22:03:00	2Y75	00:22:00
HT-102	PADTON	22:34:00	22:42:00	2T80	00:08:00
HT-102	HTRWTM4	23:11:00	23:33:00	2Y81	00:22:00
HT-102	PADTON	00:04:00	00:12:00	2T86	00:08:00
HT-102	HTRWTM4	00:41:00	00:48:00	5T86	00:07:00
HT-102	PADTON	01:07:00	01:14:00	5T86	00:07:00
HT-102	OOCXRSD	01:30:00			

## Diagram HT-103

Traction: 345-200

Diagram	Location	Arr	Dep	ID	T/A
HT-103	OOCXRSD		04:35:00	5T09	
HT-103	PADTON	04:49:00	04:57:00	2T09	00:08:00
HT-103	HTRWTM4	05:26:00	05:48:00	2Y10	00:22:00
HT-103	PADTON	06:19:00	06:27:00	2T15	00:08:00
HT-103	HTRWTM4	06:56:00	07:18:00	2Y16	00:22:00
HT-103	PADTON	07:49:00	07:57:00	2T21	00:08:00
HT-103	HTRWTM4	08:26:00	08:48:00	2Y22	00:22:00
HT-103	PADTON	09:19:00	09:27:00	2T27	00:08:00
HT-103	HTRWTM4	09:56:00	10:18:00	2Y28	00:22:00
HT-103	PADTON	10:49:00	10:57:00	2T33	00:08:00
HT-103	HTRWTM4	11:26:00	11:48:00	2Y34	00:22:00
HT-103	PADTON	12:19:00	12:27:00	2T39	00:08:00
HT-103	HTRWTM4	12:56:00	13:18:00	2Y40	00:22:00
HT-103	PADTON	13:49:00	13:57:00	2T45	00:08:00
HT-103	HTRWTM4	14:26:00	14:48:00	2Y46	00:22:00
HT-103	PADTON	15:19:00	15:27:00	2T51	00:08:00
HT-103	HTRWTM4	15:56:00	16:18:00	2Y52	00:22:00
HT-103	PADTON	16:50:00	16:57:00	2T57	00:07:00
HT-103	HTRWTM4	17:26:00	17:48:00	2Y58	00:22:00
HT-103	PADTON	18:19:00	18:27:00	2T63	00:08:00

HT-103	HTRWTM4	18:56:00	19:18:00	2Y64	00:22:00
HT-103	PADTON	19:49:00	19:57:00	2T69	00:08:00
HT-103	HTRWTM4	20:26:00	20:48:00	2Y70	00:22:00
HT-103	PADTON	21:19:00	21:27:00	2T75	00:08:00
HT-103	HTRWTM4	21:56:00	22:18:00	2Y76	00:22:00
HT-103	PADTON	22:49:00	22:57:00	2T81	00:08:00
HT-103	HTRWTM4	23:26:00	23:48:00	2Y82	00:22:00
HT-103	PADTON	00:19:00	00:30:00	5Y82	00:11:00
HT-103	OOCXRSD	00:48:30			

Diagram HT-104		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-104	OOCXRSD		04:50:00	5T10	
HT-104	PADTON	05:04:00	05:12:00	2T10	00:08:00
HT-104	HTRWTM4	05:41:00	06:03:00	2Y11	00:22:00
HT-104	PADTON	06:34:00	06:42:00	2T16	00:08:00
HT-104	HTRWTM4	07:11:00	07:33:00	2Y17	00:22:00
HT-104	PADTON	08:04:00	08:12:00	2T22	00:08:00
HT-104	HTRWTM4	08:41:00	09:03:00	2Y23	00:22:00
HT-104	PADTON	09:34:00	09:42:00	2T28	00:08:00
HT-104	HTRWTM4	10:11:00	10:33:00	2Y29	00:22:00
HT-104	PADTON	11:04:00	11:12:00	2T34	00:08:00
HT-104	HTRWTM4	11:41:00	12:03:00	2Y35	00:22:00
HT-104	PADTON	12:34:00	12:42:00	2T40	00:08:00
HT-104	HTRWTM4	13:11:00	13:33:00	2Y41	00:22:00
HT-104	PADTON	14:04:00	14:12:00	2T46	00:08:00
HT-104	HTRWTM4	14:41:00	15:03:00	2Y47	00:22:00
HT-104	PADTON	15:34:00	15:42:00	2T52	00:08:00
HT-104	HTRWTM4	16:11:00	16:33:00	2Y53	00:22:00
HT-104	PADTON	17:04:00	17:12:00	2T58	00:08:00
HT-104	HTRWTM4	17:41:00	18:03:00	2Y59	00:22:00
HT-104	PADTON	18:34:00	18:42:00	2T64	00:08:00
HT-104	HTRWTM4	19:11:00	19:33:00	2Y65	00:22:00
HT-104	PADTON	20:04:00	20:12:00	2T70	00:08:00
HT-104	HTRWTM4	20:41:00	21:03:00	2Y71	00:22:00
HT-104	PADTON	21:34:00	21:42:00	2T76	00:08:00
HT-104	HTRWTM4	22:11:00	22:33:00	2Y77	00:22:00
HT-104	PADTON	23:04:00	23:12:00	2T82	00:08:00
HT-104	HTRWTM4	23:41:00	00:03:00	2Y83	00:22:00
HT-104	PADTON	00:34:00	00:41:00	5Y83	00:07:00
HT-104	OOCXRSD	01:00:30			

Diagram HT-105		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-105	OOCXRSD		05:05:00	5T11	
HT-105	PADTON	05:19:00	05:27:00	2T11	00:08:00

HT-105	HTRWTM4	05:56:00	06:18:00	2Y12	00:22:00
HT-105	PADTON	06:49:00	06:57:00	2T17	00:08:00
HT-105	HTRWTM4	07:26:00	07:48:00	2Y18	00:22:00
HT-105	PADTON	08:19:00	08:27:00	2T23	00:08:00
HT-105	HTRWTM4	08:56:00	09:18:00	2Y24	00:22:00
HT-105	PADTON	09:49:00	09:57:00	2T29	00:08:00
HT-105	HTRWTM4	10:26:00	10:48:00	2Y30	00:22:00
HT-105	PADTON	11:19:00	11:27:00	2T35	00:08:00
HT-105	HTRWTM4	11:56:00	12:18:00	2Y36	00:22:00
HT-105	PADTON	12:49:00	12:57:00	2T41	00:08:00
HT-105	HTRWTM4	13:26:00	13:48:00	2Y42	00:22:00
HT-105	PADTON	14:19:00	14:27:00	2T47	00:08:00
HT-105	HTRWTM4	14:56:00	15:18:00	2Y48	00:22:00
HT-105	PADTON	15:49:00	15:57:00	2T53	00:08:00
HT-105	HTRWTM4	16:26:00	16:48:00	2Y54	00:22:00
HT-105	PADTON	17:19:00	17:27:00	2T59	00:08:00
HT-105	HTRWTM4	17:56:00	18:18:00	2Y60	00:22:00
HT-105	PADTON	18:49:00	18:57:00	2T65	00:08:00
HT-105	HTRWTM4	19:26:00	19:48:00	2Y66	00:22:00
HT-105	PADTON	20:19:00	20:27:00	2T71	00:08:00
HT-105	HTRWTM4	20:56:00	21:18:00	2Y72	00:22:00
HT-105	PADTON	21:49:00	21:57:00	2T77	00:08:00
HT-105	HTRWTM4	22:26:00	22:48:00	2Y78	00:22:00
HT-105	PADTON	23:19:00	23:27:00	2T83	00:08:00
HT-105	HTRWTM4	23:56:00	00:13:00	5T83	00:17:00
HT-105	KENSLGS	00:36:30	00:43:30	5T83	00:07:00
HT-105	OOCXRSD	00:51:30			

Diagram HT-106		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-106	OOCXRSD		05:20:00	5T12	
HT-106	PADTON	05:34:00	05:42:00	2T12	00:08:00
HT-106	HTRWTM4	06:11:00	06:33:00	2Y13	00:22:00
HT-106	PADTON	07:04:00	07:12:00	2T18	00:08:00
HT-106	HTRWTM4	07:41:00	08:03:00	2Y19	00:22:00
HT-106	PADTON	08:34:00	08:42:00	2T24	00:08:00
HT-106	HTRWTM4	09:11:00	09:33:00	2Y25	00:22:00
HT-106	PADTON	10:04:00	10:12:00	2T30	00:08:00
HT-106	HTRWTM4	10:41:00	11:03:00	2Y31	00:22:00
HT-106	PADTON	11:34:00	11:42:00	2T36	00:08:00
HT-106	HTRWTM4	12:11:00	12:33:00	2Y37	00:22:00
HT-106	PADTON	13:04:00	13:12:00	2T42	00:08:00
HT-106	HTRWTM4	13:41:00	14:03:00	2Y43	00:22:00
HT-106	PADTON	14:34:00	14:42:00	2T48	00:08:00
HT-106	HTRWTM4	15:11:00	15:33:00	2Y49	00:22:00
HT-106	PADTON	16:04:00	16:12:00	2T54	00:08:00

HT-106	HTRWTM4	16:41:00	17:03:00	2Y55	00:22:00
HT-106	PADTON	17:34:00	17:42:00	2T60	00:08:00
HT-106	HTRWTM4	18:11:00	18:33:00	2Y61	00:22:00
HT-106	PADTON	19:04:00	19:12:00	2T66	00:08:00
HT-106	HTRWTM4	19:41:00	20:03:00	2Y67	00:22:00
HT-106	PADTON	20:34:00	20:42:00	2T72	00:08:00
HT-106	HTRWTM4	21:11:00	21:33:00	2Y73	00:22:00
HT-106	PADTON	22:04:00	22:12:00	2T78	00:08:00
HT-106	HTRWTM4	22:41:00	23:03:00	2Y79	00:22:00
HT-106	PADTON	23:34:00	23:42:00	2T84	00:08:00
HT-106	HTRWTM4	00:11:00	00:18:00	5T84	00:07:00
HT-106	PADTON	00:45:00	00:52:00	5T84	00:07:00
HT-106	OOCXRSD	01:08:30			

Diagram TN-201		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-201	OOCXRSD		06:03:30	5A01	
TN-201	WBRNEPK	06:15:00	06:15:30	1A01	00:00:30
TN-201	ABWDXR	06:45:30	06:51:00	1B22	00:05:30
TN-201	WBRNEPK	07:21:00	07:30:30	1A20	00:09:30
TN-201	ABWDXR	08:01:30	08:07:00	1B41	00:05:30
TN-201	WBRNEPK	08:37:00	08:46:30	1A39	00:09:30
TN-201	ABWDXR	09:17:30	09:23:00	1B60	00:05:30
TN-201	WBRNEPK	09:53:00	10:02:30	1A58	00:09:30
TN-201	ABWDXR	10:33:30	10:39:00	1B79	00:05:30
TN-201	WBRNEPK	11:09:00	11:18:30	1A77	00:09:30
TN-201	ABWDXR	11:49:30	11:55:00	1B98	00:05:30
TN-201	WBRNEPK	12:25:00	12:34:30	1A96	00:09:30
TN-201	ABWDXR	13:05:30	13:11:00	1B17	00:05:30
TN-201	WBRNEPK	13:41:00	13:50:30	1A15	00:09:30
TN-201	ABWDXR	14:21:30	14:27:00	1B36	00:05:30
TN-201	WBRNEPK	14:57:00	15:06:30	1A34	00:09:30
TN-201	ABWDXR	15:37:30	15:43:00	1B55	00:05:30
TN-201	WBRNEPK	16:13:00	16:22:30	1A53	00:09:30
TN-201	ABWDXR	16:53:30	16:59:00	1B74	00:05:30
TN-201	WBRNEPK	17:29:00	17:38:30	1A72	00:09:30
TN-201	ABWDXR	18:09:30	18:15:00	1B93	00:05:30
TN-201	WBRNEPK	18:45:00	18:54:30	1A91	00:09:30
TN-201	ABWDXR	19:25:30	19:31:00	1B12	00:05:30
TN-201	WBRNEPK	20:01:00	20:10:30	1A10	00:09:30
TN-201	ABWDXR	20:41:30	20:47:00	1B31	00:05:30
TN-201	WBRNEPK	21:17:00	21:26:30	1A29	00:09:30
TN-201	ABWDXR	21:57:30	22:03:00	1B50	00:05:30
TN-201	WBRNEPK	22:33:00	22:42:30	1A45	00:09:30
TN-201	ABWDXR	23:13:30	23:20:00	1B66	00:06:30
TN-201	WBRNEPK	23:50:00	00:01:30	1A59	00:11:30

TN-201	ABWDXR	00:32:30	00:39:00	1B80	00:06:30
TN-201	WBRNEPK	01:08:00	01:09:00	5B80	00:01:00
TN-201	OOCXRSD	01:23:30			

Diagram TN-202		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-202	OOCXRSD		04:37:30	5A81	
TN-202	WBRNEPK	04:49:00	04:49:30	1A81	00:00:30
TN-202	ABWDXR	05:19:30	05:26:00	1B04	00:06:30
TN-202	WBRNEPK	05:56:00	06:06:30	1A99	00:10:30
TN-202	ABWDXR	06:37:30	06:43:00	1B20	00:05:30
TN-202	WBRNEPK	07:13:00	07:22:30	1A18	00:09:30
TN-202	ABWDXR	07:53:30	07:59:00	1B39	00:05:30
TN-202	WBRNEPK	08:29:00	08:38:30	1A37	00:09:30
TN-202	ABWDXR	09:09:30	09:15:00	1B58	00:05:30
TN-202	WBRNEPK	09:45:00	09:54:30	1A56	00:09:30
TN-202	ABWDXR	10:25:30	10:31:00	1B77	00:05:30
TN-202	WBRNEPK	11:01:00	11:10:30	1A75	00:09:30
TN-202	ABWDXR	11:41:30	11:47:00	1B96	00:05:30
TN-202	WBRNEPK	12:17:00	12:26:30	1A94	00:09:30
TN-202	ABWDXR	12:57:30	13:03:00	1B15	00:05:30
TN-202	WBRNEPK	13:33:00	13:42:30	1A13	00:09:30
TN-202	ABWDXR	14:13:30	14:19:00	1B34	00:05:30
TN-202	WBRNEPK	14:49:00	14:58:30	1A32	00:09:30
TN-202	ABWDXR	15:29:30	15:35:00	1B53	00:05:30
TN-202	WBRNEPK	16:05:00	16:14:30	1A51	00:09:30
TN-202	ABWDXR	16:45:30	16:51:00	1B72	00:05:30
TN-202	WBRNEPK	17:21:00	17:30:30	1A70	00:09:30
TN-202	ABWDXR	18:01:30	18:07:00	1B91	00:05:30
TN-202	WBRNEPK	18:37:00	18:46:30	1A89	00:09:30
TN-202	ABWDXR	19:17:30	19:23:00	1B10	00:05:30
TN-202	WBRNEPK	19:53:00	20:02:30	1A08	00:09:30
TN-202	ABWDXR	20:33:30	20:39:00	1B29	00:05:30
TN-202	WBRNEPK	21:09:00	21:18:30	1A27	00:09:30
TN-202	ABWDXR	21:49:30	21:55:00	1B48	00:05:30
TN-202	WBRNEPK	22:25:00	22:37:30	1A44	00:12:30
TN-202	ABWDXR	23:08:30	23:15:00	1B65	00:06:30
TN-202	WBRNEPK	23:45:00	23:46:30	5B65	00:01:30
TN-202	OOCXRSD	00:01:00			

Diagram TN-203		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-203	OOCXRSD		05:27:30	5A93	
TN-203	WBRNEPK	05:39:00	05:39:30	1A93	00:00:30
TN-203	ABWDXR	06:09:30	06:16:00	1B14	00:06:30
TN-203	WBRNEPK	06:49:00	06:58:30	1A12	00:09:30



TN-203	ABWDXR	07:29:30	07:35:00	1B33	00:05:30
TN-203	WBRNEPK	08:05:00	08:14:30	1A31	00:09:30
TN-203	ABWDXR	08:45:30	08:51:00	1B52	00:05:30
TN-203	WBRNEPK	09:21:00	09:30:30	1A50	00:09:30
TN-203	ABWDXR	10:01:30	10:07:00	1B71	00:05:30
TN-203	WBRNEPK	10:37:00	10:46:30	1A69	00:09:30
TN-203	ABWDXR	11:17:30	11:23:00	1B90	00:05:30
TN-203	WBRNEPK	11:53:00	12:02:30	1A88	00:09:30
TN-203	ABWDXR	12:33:30	12:39:00	1B09	00:05:30
TN-203	WBRNEPK	13:09:00	13:18:30	1A07	00:09:30
TN-203	ABWDXR	13:49:30	13:55:00	1B28	00:05:30
TN-203	WBRNEPK	14:25:00	14:34:30	1A26	00:09:30
TN-203	ABWDXR	15:05:30	15:11:00	1B47	00:05:30
TN-203	WBRNEPK	15:41:00	15:50:30	1A45	00:09:30
TN-203	ABWDXR	16:21:30	16:27:00	1B66	00:05:30
TN-203	WBRNEPK	16:57:00	17:06:30	1A64	00:09:30
TN-203	ABWDXR	17:37:30	17:43:00	1B85	00:05:30
TN-203	WBRNEPK	18:13:00	18:22:30	1A83	00:09:30
TN-203	ABWDXR	18:53:30	18:59:00	1B04	00:05:30
TN-203	WBRNEPK	19:29:00	19:38:30	1A02	00:09:30
TN-203	ABWDXR	20:09:30	20:15:00	1B23	00:05:30
TN-203	WBRNEPK	20:45:00	20:54:30	1A21	00:09:30
TN-203	ABWDXR	21:25:30	21:31:00	1B42	00:05:30
TN-203	WBRNEPK	22:01:00	22:12:30	1A39	00:11:30
TN-203	ABWDXR	22:43:30	22:50:00	1B60	00:06:30
TN-203	WBRNEPK	23:20:00	23:27:30	1A54	00:07:30
TN-203	ABWDXR	23:58:30	00:05:00	1B75	00:06:30
TN-203	WBRNEPK	00:34:00	00:36:30	5B76	00:02:30
TN-203	OOCXRSD	00:52:30			

Diagram TN-204		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-204	OOCXRSD		05:51:30	5A98	
TN-204	WBRNEPK	06:03:00	06:03:30	1A98	00:00:30
TN-204	ABWDXR	06:33:30	06:39:00	1B19	00:05:30
TN-204	WBRNEPK	07:09:00	07:18:30	1A17	00:09:30
TN-204	ABWDXR	07:49:30	07:55:00	1B38	00:05:30
TN-204	WBRNEPK	08:25:00	08:34:30	1A36	00:09:30
TN-204	ABWDXR	09:05:30	09:11:00	1B57	00:05:30
TN-204	WBRNEPK	09:41:00	09:50:30	1A55	00:09:30
TN-204	ABWDXR	10:21:30	10:27:00	1B76	00:05:30
TN-204	WBRNEPK	10:57:00	11:06:30	1A74	00:09:30
TN-204	ABWDXR	11:37:30	11:43:00	1B95	00:05:30
TN-204	WBRNEPK	12:13:00	12:22:30	1A93	00:09:30
TN-204	ABWDXR	12:53:30	12:59:00	1B14	00:05:30
TN-204	WBRNEPK	13:29:00	13:38:30	1A12	00:09:30

TN-204	ABWDXR	14:09:30	14:15:00	1B33	00:05:30
TN-204	WBRNEPK	14:45:00	14:54:30	1A31	00:09:30
TN-204	ABWDXR	15:25:30	15:31:00	1B52	00:05:30
TN-204	WBRNEPK	16:01:00	16:10:30	1A50	00:09:30
TN-204	ABWDXR	16:41:30	16:47:00	1B71	00:05:30
TN-204	WBRNEPK	17:17:00	17:26:30	1A69	00:09:30
TN-204	ABWDXR	17:57:30	18:03:00	1B90	00:05:30
TN-204	WBRNEPK	18:33:00	18:42:30	1A88	00:09:30
TN-204	ABWDXR	19:13:30	19:19:00	1B09	00:05:30
TN-204	WBRNEPK	19:49:00	19:58:30	1A07	00:09:30
TN-204	ABWDXR	20:29:30	20:35:00	1B28	00:05:30
TN-204	WBRNEPK	21:05:00	21:14:30	1A26	00:09:30
TN-204	ABWDXR	21:45:30	21:51:00	1B47	00:05:30
TN-204	WBRNEPK	22:21:00	22:32:30	1A43	00:11:30
TN-204	ABWDXR	23:03:30	23:10:00	1B64	00:06:30
TN-204	WBRNEPK	23:40:00	23:53:30	1A58	00:13:30
TN-204	ABWDXR	00:24:30	00:31:00	1B79	00:06:30
TN-204	WBRNEPK	01:00:00	01:01:30	5B81	00:01:30
TN-204	OOCXRSD	01:16:30			

Diagram TN-205		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-205	OOCXRSD		04:57:30	5A85	
TN-205	WBRNEPK	05:09:00	05:09:30	1A85	00:00:30
TN-205	ABWDXR	05:39:30	05:46:00	1B08	00:06:30
TN-205	WBRNEPK	06:16:00	06:26:30	1A04	00:10:30
TN-205	ABWDXR	06:57:30	07:03:00	1B25	00:05:30
TN-205	WBRNEPK	07:33:00	07:42:30	1A23	00:09:30
TN-205	ABWDXR	08:13:30	08:19:00	1B44	00:05:30
TN-205	WBRNEPK	08:49:00	08:58:30	1A42	00:09:30
TN-205	ABWDXR	09:29:30	09:35:00	1B63	00:05:30
TN-205	WBRNEPK	10:05:00	10:14:30	1A61	00:09:30
TN-205	ABWDXR	10:45:30	10:51:00	1B82	00:05:30
TN-205	WBRNEPK	11:21:00	11:30:30	1A80	00:09:30
TN-205	ABWDXR	12:01:30	12:07:00	1B01	00:05:30
TN-205	WBRNEPK	12:37:00	12:46:30	1A99	00:09:30
TN-205	ABWDXR	13:17:30	13:23:00	1B20	00:05:30
TN-205	WBRNEPK	13:53:00	14:02:30	1A18	00:09:30
TN-205	ABWDXR	14:33:30	14:39:00	1B39	00:05:30
TN-205	WBRNEPK	15:09:00	15:18:30	1A37	00:09:30
TN-205	ABWDXR	15:49:30	15:55:00	1B58	00:05:30
TN-205	WBRNEPK	16:25:00	16:34:30	1A56	00:09:30
TN-205	ABWDXR	17:05:30	17:11:00	1B77	00:05:30
TN-205	WBRNEPK	17:41:00	17:50:30	1A75	00:09:30
TN-205	ABWDXR	18:21:30	18:27:00	1B96	00:05:30
TN-205	WBRNEPK	18:57:00	19:06:30	1A94	00:09:30

TN-205	ABWDXR	19:37:30	19:43:00	1B15	00:05:30
TN-205	WBRNEPK	20:13:00	20:22:30	1A13	00:09:30
TN-205	ABWDXR	20:53:30	20:59:00	1B34	00:05:30
TN-205	WBRNEPK	21:29:00	21:38:30	1A32	00:09:30
TN-205	ABWDXR	22:09:30	22:15:00	1B53	00:05:30
TN-205	WBRNEPK	22:45:00	22:57:30	1A48	00:12:30
TN-205	ABWDXR	23:28:30	23:35:00	1B69	00:06:30
TN-205	WBRNEPK	00:05:00	00:06:00	5B69	00:01:00
TN-205	OOCXRSD	00:20:30			

Diagram TN-206			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-206	OOCXRSD		04:42:30	5A82	
TN-206	WBRNEPK	04:54:00	04:54:30	1A82	00:00:30
TN-206	ABWDXR	05:24:30	05:31:00	1B05	00:06:30
TN-206	WBRNEPK	06:01:00	06:10:30	1A00	00:09:30
TN-206	ABWDXR	06:41:30	06:47:00	1B21	00:05:30
TN-206	WBRNEPK	07:17:00	07:26:30	1A19	00:09:30
TN-206	ABWDXR	07:57:30	08:03:00	1B40	00:05:30
TN-206	WBRNEPK	08:33:00	08:42:30	1A38	00:09:30
TN-206	ABWDXR	09:13:30	09:19:00	1B59	00:05:30
TN-206	WBRNEPK	09:49:00	09:58:30	1A57	00:09:30
TN-206	ABWDXR	10:29:30	10:35:00	1B78	00:05:30
TN-206	WBRNEPK	11:05:00	11:14:30	1A76	00:09:30
TN-206	ABWDXR	11:45:30	11:51:00	1B97	00:05:30
TN-206	WBRNEPK	12:21:00	12:30:30	1A95	00:09:30
TN-206	ABWDXR	13:01:30	13:07:00	1B16	00:05:30
TN-206	WBRNEPK	13:37:00	13:46:30	1A14	00:09:30
TN-206	ABWDXR	14:17:30	14:23:00	1B35	00:05:30
TN-206	WBRNEPK	14:53:00	15:02:30	1A33	00:09:30
TN-206	ABWDXR	15:33:30	15:39:00	1B54	00:05:30
TN-206	WBRNEPK	16:09:00	16:18:30	1A52	00:09:30
TN-206	ABWDXR	16:49:30	16:55:00	1B73	00:05:30
TN-206	WBRNEPK	17:25:00	17:34:30	1A71	00:09:30
TN-206	ABWDXR	18:05:30	18:11:00	1B92	00:05:30
TN-206	WBRNEPK	18:41:00	18:50:30	1A90	00:09:30
TN-206	ABWDXR	19:21:30	19:27:00	1B11	00:05:30
TN-206	WBRNEPK	19:57:00	20:06:30	1A09	00:09:30
TN-206	ABWDXR	20:37:30	20:43:00	1B30	00:05:30
TN-206	WBRNEPK	21:13:00	21:22:30	1A28	00:09:30
TN-206	ABWDXR	21:53:30	21:59:00	1B49	00:05:30
TN-206	WBRNEPK	22:29:00	22:30:30	5B49	00:01:30
TN-206	OOCXRSD	22:45:00			

Diagram TN-207			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A

TN-207	OOCXRSD		04:32:30	5A80	
TN-207	WBRNEPK	04:44:00	04:44:30	1A80	00:00:30
TN-207	ABWDXR	05:14:30	05:21:00	1B03	00:06:30
TN-207	WBRNEPK	05:51:00	05:58:30	1A97	00:07:30
TN-207	ABWDXR	06:29:30	06:35:00	1B18	00:05:30
TN-207	WBRNEPK	07:05:00	07:14:30	1A16	00:09:30
TN-207	ABWDXR	07:45:30	07:51:00	1B37	00:05:30
TN-207	WBRNEPK	08:21:00	08:30:30	1A35	00:09:30
TN-207	ABWDXR	09:01:30	09:07:00	1B56	00:05:30
TN-207	WBRNEPK	09:37:00	09:46:30	1A54	00:09:30
TN-207	ABWDXR	10:17:30	10:23:00	1B75	00:05:30
TN-207	WBRNEPK	10:53:00	11:02:30	1A73	00:09:30
TN-207	ABWDXR	11:33:30	11:39:00	1B94	00:05:30
TN-207	WBRNEPK	12:09:00	12:18:30	1A92	00:09:30
TN-207	ABWDXR	12:49:30	12:55:00	1B13	00:05:30
TN-207	WBRNEPK	13:25:00	13:34:30	1A11	00:09:30
TN-207	ABWDXR	14:05:30	14:11:00	1B32	00:05:30
TN-207	WBRNEPK	14:41:00	14:50:30	1A30	00:09:30
TN-207	ABWDXR	15:21:30	15:27:00	1B51	00:05:30
TN-207	WBRNEPK	15:57:00	16:06:30	1A49	00:09:30
TN-207	ABWDXR	16:37:30	16:43:00	1B70	00:05:30
TN-207	WBRNEPK	17:13:00	17:22:30	1A68	00:09:30
TN-207	ABWDXR	17:53:30	17:59:00	1B89	00:05:30
TN-207	WBRNEPK	18:29:00	18:38:30	1A87	00:09:30
TN-207	ABWDXR	19:09:30	19:15:00	1B08	00:05:30
TN-207	WBRNEPK	19:45:00	19:54:30	1A06	00:09:30
TN-207	ABWDXR	20:25:30	20:31:00	1B27	00:05:30
TN-207	WBRNEPK	21:01:00	21:10:30	1A25	00:09:30
TN-207	ABWDXR	21:41:30	21:47:00	1B46	00:05:30
TN-207	WBRNEPK	22:17:00	22:27:30	1A42	00:10:30
TN-207	ABWDXR	22:58:30	23:05:00	1B63	00:06:30
TN-207	WBRNEPK	23:35:00	23:45:30	1A57	00:10:30
TN-207	ABWDXR	00:16:30	00:23:00	1B78	00:06:30
TN-207	WBRNEPK	00:52:00	00:53:00	5B79	00:01:00
TN-207	OOCXRSD	01:12:30			

Diagram TN-208		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-208	OOCXRSD		06:43:30	5A11	
TN-208	WBRNEPK	06:55:00	06:55:30	1A11	00:00:30
TN-208	ABWDXR	07:25:30	07:31:00	1B32	00:05:30
TN-208	WBRNEPK	08:01:00	08:10:30	1A30	00:09:30
TN-208	ABWDXR	08:41:30	08:47:00	1B51	00:05:30
TN-208	WBRNEPK	09:17:00	09:26:30	1A49	00:09:30
TN-208	ABWDXR	09:57:30	10:03:00	1B70	00:05:30
TN-208	WBRNEPK	10:33:00	10:42:30	1A68	00:09:30

TN-208	ABWDXR	11:13:30	11:19:00	1B89	00:05:30
TN-208	WBRNEPK	11:49:00	11:58:30	1A87	00:09:30
TN-208	ABWDXR	12:29:30	12:35:00	1B08	00:05:30
TN-208	WBRNEPK	13:05:00	13:14:30	1A06	00:09:30
TN-208	ABWDXR	13:45:30	13:51:00	1B27	00:05:30
TN-208	WBRNEPK	14:21:00	14:30:30	1A25	00:09:30
TN-208	ABWDXR	15:01:30	15:07:00	1B46	00:05:30
TN-208	WBRNEPK	15:37:00	15:46:30	1A44	00:09:30
TN-208	ABWDXR	16:17:30	16:23:00	1B65	00:05:30
TN-208	WBRNEPK	16:53:00	17:02:30	1A63	00:09:30
TN-208	ABWDXR	17:33:30	17:39:00	1B84	00:05:30
TN-208	WBRNEPK	18:09:00	18:18:30	1A82	00:09:30
TN-208	ABWDXR	18:49:30	18:55:00	1B03	00:05:30
TN-208	WBRNEPK	19:25:00	19:34:30	1A01	00:09:30
TN-208	ABWDXR	20:05:30	20:11:00	1B22	00:05:30
TN-208	WBRNEPK	20:41:00	20:50:30	1A20	00:09:30
TN-208	ABWDXR	21:21:30	21:27:00	1B41	00:05:30
TN-208	WBRNEPK	21:57:00	22:07:30	1A38	00:10:30
TN-208	ABWDXR	22:38:30	22:45:00	1B59	00:06:30
TN-208	WBRNEPK	23:15:00	23:22:30	1A53	00:07:30
TN-208	ABWDXR	23:53:30	00:00:30	1B74	00:07:00
TN-208	WBRNEPK	00:29:00	00:30:00	5B74	00:01:00
TN-208	OOCXRSD	00:44:30			

Diagram TN-209		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-209	OOCXRSD		05:22:30	5A90	
TN-209	WBRNEPK	05:34:00	05:34:30	1A90	00:00:30
TN-209	ABWDXR	06:04:30	06:11:00	1B13	00:06:30
TN-209	WBRNEPK	06:41:00	06:50:30	1A10	00:09:30
TN-209	ABWDXR	07:21:30	07:27:00	1B31	00:05:30
TN-209	WBRNEPK	07:57:00	08:06:30	1A29	00:09:30
TN-209	ABWDXR	08:37:30	08:43:00	1B50	00:05:30
TN-209	WBRNEPK	09:13:00	09:22:30	1A48	00:09:30
TN-209	ABWDXR	09:53:30	09:59:00	1B69	00:05:30
TN-209	WBRNEPK	10:29:00	10:38:30	1A67	00:09:30
TN-209	ABWDXR	11:09:30	11:15:00	1B88	00:05:30
TN-209	WBRNEPK	11:45:00	11:54:30	1A86	00:09:30
TN-209	ABWDXR	12:25:30	12:31:00	1B07	00:05:30
TN-209	WBRNEPK	13:01:00	13:10:30	1A05	00:09:30
TN-209	ABWDXR	13:41:30	13:47:00	1B26	00:05:30
TN-209	WBRNEPK	14:17:00	14:26:30	1A24	00:09:30
TN-209	ABWDXR	14:57:30	15:03:00	1B45	00:05:30
TN-209	WBRNEPK	15:33:00	15:42:30	1A43	00:09:30
TN-209	ABWDXR	16:13:30	16:19:00	1B64	00:05:30
TN-209	WBRNEPK	16:49:00	16:58:30	1A62	00:09:30

TN-209	ABWDXR	17:29:30	17:35:00	1B83	00:05:30
TN-209	WBRNEPK	18:05:00	18:14:30	1A81	00:09:30
TN-209	ABWDXR	18:45:30	18:51:00	1B02	00:05:30
TN-209	WBRNEPK	19:21:00	19:30:30	1A00	00:09:30
TN-209	ABWDXR	20:01:30	20:07:00	1B21	00:05:30
TN-209	WBRNEPK	20:37:00	20:46:30	1A19	00:09:30
TN-209	ABWDXR	21:17:30	21:23:00	1B40	00:05:30
TN-209	WBRNEPK	21:53:00	21:54:30	5B40	00:01:30
TN-209	OOCXRSD	22:09:00			

Diagram TN-210			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-210	OOCXRSD		06:27:30	5A07	
TN-210	WBRNEPK	06:39:00	06:39:30	1A07	00:00:30
TN-210	ABWDXR	07:09:30	07:15:00	1B28	00:05:30
TN-210	WBRNEPK	07:45:00	07:54:30	1A26	00:09:30
TN-210	ABWDXR	08:25:30	08:31:00	1B47	00:05:30
TN-210	WBRNEPK	09:01:00	09:10:30	1A45	00:09:30
TN-210	ABWDXR	09:41:30	09:47:00	1B66	00:05:30
TN-210	WBRNEPK	10:17:00	10:26:30	1A64	00:09:30
TN-210	ABWDXR	10:57:30	11:03:00	1B85	00:05:30
TN-210	WBRNEPK	11:33:00	11:42:30	1A83	00:09:30
TN-210	ABWDXR	12:13:30	12:19:00	1B04	00:05:30
TN-210	WBRNEPK	12:49:00	12:58:30	1A02	00:09:30
TN-210	ABWDXR	13:29:30	13:35:00	1B23	00:05:30
TN-210	WBRNEPK	14:05:00	14:14:30	1A21	00:09:30
TN-210	ABWDXR	14:45:30	14:51:00	1B42	00:05:30
TN-210	WBRNEPK	15:21:00	15:30:30	1A40	00:09:30
TN-210	ABWDXR	16:01:30	16:07:00	1B61	00:05:30
TN-210	WBRNEPK	16:37:00	16:46:30	1A59	00:09:30
TN-210	ABWDXR	17:17:30	17:23:00	1B80	00:05:30
TN-210	WBRNEPK	17:53:00	18:02:30	1A78	00:09:30
TN-210	ABWDXR	18:33:30	18:39:00	1B99	00:05:30
TN-210	WBRNEPK	19:09:00	19:18:30	1A97	00:09:30
TN-210	ABWDXR	19:49:30	19:55:00	1B18	00:05:30
TN-210	WBRNEPK	20:25:00	20:34:30	1A16	00:09:30
TN-210	ABWDXR	21:05:30	21:11:00	1B37	00:05:30
TN-210	WBRNEPK	21:41:00	21:52:30	1A35	00:11:30
TN-210	ABWDXR	22:23:30	22:30:00	1B56	00:06:30
TN-210	WBRNEPK	23:00:00	23:12:30	1A51	00:12:30
TN-210	ABWDXR	23:43:30	23:50:00	1B72	00:06:30
TN-210	WBRNEPK	00:19:00	00:20:00	5B72	00:01:00
TN-210	OOCXRSD	00:34:30			

Diagram TN-211			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A

TN-211	OOCXRSD		05:42:30	5A96	
TN-211	WBRNEPK	05:54:00	05:54:30	1A96	00:00:30
TN-211	ABWDXR	06:24:30	06:31:00	1B17	00:06:30
TN-211	WBRNEPK	07:01:00	07:10:30	1A15	00:09:30
TN-211	ABWDXR	07:41:30	07:47:00	1B36	00:05:30
TN-211	WBRNEPK	08:17:00	08:26:30	1A34	00:09:30
TN-211	ABWDXR	08:57:30	09:03:00	1B55	00:05:30
TN-211	WBRNEPK	09:33:00	09:42:30	1A53	00:09:30
TN-211	ABWDXR	10:13:30	10:19:00	1B74	00:05:30
TN-211	WBRNEPK	10:49:00	10:58:30	1A72	00:09:30
TN-211	ABWDXR	11:29:30	11:35:00	1B93	00:05:30
TN-211	WBRNEPK	12:05:00	12:14:30	1A91	00:09:30
TN-211	ABWDXR	12:45:30	12:51:00	1B12	00:05:30
TN-211	WBRNEPK	13:21:00	13:30:30	1A10	00:09:30
TN-211	ABWDXR	14:01:30	14:07:00	1B31	00:05:30
TN-211	WBRNEPK	14:37:00	14:46:30	1A29	00:09:30
TN-211	ABWDXR	15:17:30	15:23:00	1B50	00:05:30
TN-211	WBRNEPK	15:53:00	16:02:30	1A48	00:09:30
TN-211	ABWDXR	16:33:30	16:39:00	1B69	00:05:30
TN-211	WBRNEPK	17:09:00	17:18:30	1A67	00:09:30
TN-211	ABWDXR	17:49:30	17:55:00	1B88	00:05:30
TN-211	WBRNEPK	18:25:00	18:34:30	1A86	00:09:30
TN-211	ABWDXR	19:05:30	19:11:00	1B07	00:05:30
TN-211	WBRNEPK	19:41:00	19:50:30	1A05	00:09:30
TN-211	ABWDXR	20:21:30	20:27:00	1B26	00:05:30
TN-211	WBRNEPK	20:57:00	21:06:30	1A24	00:09:30
TN-211	ABWDXR	21:37:30	21:43:00	1B45	00:05:30
TN-211	WBRNEPK	22:13:00	22:22:30	1A41	00:09:30
TN-211	ABWDXR	22:53:30	23:00:00	1B62	00:06:30
TN-211	WBRNEPK	23:30:00	23:37:30	1A56	00:07:30
TN-211	ABWDXR	00:08:30	00:15:00	1B77	00:06:30
TN-211	WBRNEPK	00:44:00	00:45:30	5B78	00:01:30
TN-211	OOCXRSD	01:04:30			

Diagram TN-212		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-212	OOCXRSD		05:37:30	5A95	
TN-212	WBRNEPK	05:49:00	05:49:30	1A95	00:00:30
TN-212	ABWDXR	06:19:30	06:26:00	1B16	00:06:30
TN-212	WBRNEPK	06:56:00	07:06:30	1A14	00:10:30
TN-212	ABWDXR	07:37:30	07:43:00	1B35	00:05:30
TN-212	WBRNEPK	08:13:00	08:22:30	1A33	00:09:30
TN-212	ABWDXR	08:53:30	08:59:00	1B54	00:05:30
TN-212	WBRNEPK	09:29:00	09:38:30	1A52	00:09:30
TN-212	ABWDXR	10:09:30	10:15:00	1B73	00:05:30
TN-212	WBRNEPK	10:45:00	10:54:30	1A71	00:09:30

TN-212	ABWDXR	11:25:30	11:31:00	1B92	00:05:30
TN-212	WBRNEPK	12:01:00	12:10:30	1A90	00:09:30
TN-212	ABWDXR	12:41:30	12:47:00	1B11	00:05:30
TN-212	WBRNEPK	13:17:00	13:26:30	1A09	00:09:30
TN-212	ABWDXR	13:57:30	14:03:00	1B30	00:05:30
TN-212	WBRNEPK	14:33:00	14:42:30	1A28	00:09:30
TN-212	ABWDXR	15:13:30	15:19:00	1B49	00:05:30
TN-212	WBRNEPK	15:49:00	15:58:30	1A47	00:09:30
TN-212	ABWDXR	16:29:30	16:35:00	1B68	00:05:30
TN-212	WBRNEPK	17:05:00	17:14:30	1A66	00:09:30
TN-212	ABWDXR	17:45:30	17:51:00	1B87	00:05:30
TN-212	WBRNEPK	18:21:00	18:30:30	1A85	00:09:30
TN-212	ABWDXR	19:01:30	19:07:00	1B06	00:05:30
TN-212	WBRNEPK	19:37:00	19:46:30	1A04	00:09:30
TN-212	ABWDXR	20:17:30	20:23:00	1B25	00:05:30
TN-212	WBRNEPK	20:53:00	21:02:30	1A23	00:09:30
TN-212	ABWDXR	21:33:30	21:39:00	1B44	00:05:30
TN-212	WBRNEPK	22:09:00	22:10:30	5B44	00:01:30
TN-212	OOCXRSD	22:25:00			

Diagram TN-213		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-213	OOCXRSD		05:32:30	5A94	
TN-213	WBRNEPK	05:44:00	05:44:30	1A94	00:00:30
TN-213	ABWDXR	06:14:30	06:21:00	1B15	00:06:30
TN-213	WBRNEPK	06:52:00	07:02:30	1A13	00:10:30
TN-213	ABWDXR	07:33:30	07:39:00	1B34	00:05:30
TN-213	WBRNEPK	08:09:00	08:18:30	1A32	00:09:30
TN-213	ABWDXR	08:49:30	08:55:00	1B53	00:05:30
TN-213	WBRNEPK	09:25:00	09:34:30	1A51	00:09:30
TN-213	ABWDXR	10:05:30	10:11:00	1B72	00:05:30
TN-213	WBRNEPK	10:41:00	10:50:30	1A70	00:09:30
TN-213	ABWDXR	11:21:30	11:27:00	1B91	00:05:30
TN-213	WBRNEPK	11:57:00	12:06:30	1A89	00:09:30
TN-213	ABWDXR	12:37:30	12:43:00	1B10	00:05:30
TN-213	WBRNEPK	13:13:00	13:22:30	1A08	00:09:30
TN-213	ABWDXR	13:53:30	13:59:00	1B29	00:05:30
TN-213	WBRNEPK	14:29:00	14:38:30	1A27	00:09:30
TN-213	ABWDXR	15:09:30	15:15:00	1B48	00:05:30
TN-213	WBRNEPK	15:45:00	15:54:30	1A46	00:09:30
TN-213	ABWDXR	16:25:30	16:31:00	1B67	00:05:30
TN-213	WBRNEPK	17:01:00	17:10:30	1A65	00:09:30
TN-213	ABWDXR	17:41:30	17:47:00	1B86	00:05:30
TN-213	WBRNEPK	18:17:00	18:26:30	1A84	00:09:30
TN-213	ABWDXR	18:57:30	19:03:00	1B05	00:05:30
TN-213	WBRNEPK	19:33:00	19:42:30	1A03	00:09:30



TN-213	ABWDXR	20:13:30	20:19:00	1B24	00:05:30
TN-213	WBRNEPK	20:49:00	20:58:30	1A22	00:09:30
TN-213	ABWDXR	21:29:30	21:35:00	1B43	00:05:30
TN-213	WBRNEPK	22:05:00	22:17:30	1A40	00:12:30
TN-213	ABWDXR	22:48:30	22:55:00	1B61	00:06:30
TN-213	WBRNEPK	23:25:00	23:32:30	1A55	00:07:30
TN-213	ABWDXR	00:03:30	00:10:00	1B76	00:06:30
TN-213	WBRNEPK	00:39:00	00:42:00	5B77	00:03:00
TN-213	OOCXRSD	00:56:30			

Diagram TN-214			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-214	OOCXRSD		05:17:30	5A89	
TN-214	WBRNEPK	05:29:00	05:29:30	1A89	00:00:30
TN-214	ABWDXR	05:59:30	06:06:00	1B12	00:06:30
TN-214	WBRNEPK	06:36:00	06:46:30	1A09	00:10:30
TN-214	ABWDXR	07:17:30	07:23:00	1B30	00:05:30
TN-214	WBRNEPK	07:53:00	08:02:30	1A28	00:09:30
TN-214	ABWDXR	08:33:30	08:39:00	1B49	00:05:30
TN-214	WBRNEPK	09:09:00	09:18:30	1A47	00:09:30
TN-214	ABWDXR	09:49:30	09:55:00	1B68	00:05:30
TN-214	WBRNEPK	10:25:00	10:34:30	1A66	00:09:30
TN-214	ABWDXR	11:05:30	11:11:00	1B87	00:05:30
TN-214	WBRNEPK	11:41:00	11:50:30	1A85	00:09:30
TN-214	ABWDXR	12:21:30	12:27:00	1B06	00:05:30
TN-214	WBRNEPK	12:57:00	13:06:30	1A04	00:09:30
TN-214	ABWDXR	13:37:30	13:43:00	1B25	00:05:30
TN-214	WBRNEPK	14:13:00	14:22:30	1A23	00:09:30
TN-214	ABWDXR	14:53:30	14:59:00	1B44	00:05:30
TN-214	WBRNEPK	15:29:00	15:38:30	1A42	00:09:30
TN-214	ABWDXR	16:09:30	16:15:00	1B63	00:05:30
TN-214	WBRNEPK	16:45:00	16:54:30	1A61	00:09:30
TN-214	ABWDXR	17:25:30	17:31:00	1B82	00:05:30
TN-214	WBRNEPK	18:01:00	18:10:30	1A80	00:09:30
TN-214	ABWDXR	18:41:30	18:47:00	1B01	00:05:30
TN-214	WBRNEPK	19:17:00	19:26:30	1A99	00:09:30
TN-214	ABWDXR	19:57:30	20:03:00	1B20	00:05:30
TN-214	WBRNEPK	20:33:00	20:42:30	1A18	00:09:30
TN-214	ABWDXR	21:13:30	21:19:00	1B39	00:05:30
TN-214	WBRNEPK	21:50:00	22:02:30	1A37	00:12:30
TN-214	ABWDXR	22:33:30	22:40:00	1B58	00:06:30
TN-214	WBRNEPK	23:10:00	23:11:30	5B58	00:01:30
TN-214	OOCXRSD	23:26:00			

Diagram TN-215			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A

TN-215	OOCXRSD		05:07:30	5A87	
TN-215	WBRNEPK	05:19:00	05:19:30	1A87	00:00:30
TN-215	ABWDXR	05:49:30	05:56:00	1B10	00:06:30
TN-215	WBRNEPK	06:26:00	06:34:30	1A06	00:08:30
TN-215	ABWDXR	07:05:30	07:11:00	1B27	00:05:30
TN-215	WBRNEPK	07:41:00	07:50:30	1A25	00:09:30
TN-215	ABWDXR	08:21:30	08:27:00	1B46	00:05:30
TN-215	WBRNEPK	08:57:00	09:06:30	1A44	00:09:30
TN-215	ABWDXR	09:37:30	09:43:00	1B65	00:05:30
TN-215	WBRNEPK	10:13:00	10:22:30	1A63	00:09:30
TN-215	ABWDXR	10:53:30	10:59:00	1B84	00:05:30
TN-215	WBRNEPK	11:29:00	11:38:30	1A82	00:09:30
TN-215	ABWDXR	12:09:30	12:15:00	1B03	00:05:30
TN-215	WBRNEPK	12:45:00	12:54:30	1A01	00:09:30
TN-215	ABWDXR	13:25:30	13:31:00	1B22	00:05:30
TN-215	WBRNEPK	14:01:00	14:10:30	1A20	00:09:30
TN-215	ABWDXR	14:41:30	14:47:00	1B41	00:05:30
TN-215	WBRNEPK	15:17:00	15:26:30	1A39	00:09:30
TN-215	ABWDXR	15:57:30	16:03:00	1B60	00:05:30
TN-215	WBRNEPK	16:33:00	16:42:30	1A58	00:09:30
TN-215	ABWDXR	17:13:30	17:19:00	1B79	00:05:30
TN-215	WBRNEPK	17:49:00	17:58:30	1A77	00:09:30
TN-215	ABWDXR	18:29:30	18:35:00	1B98	00:05:30
TN-215	WBRNEPK	19:05:00	19:14:30	1A96	00:09:30
TN-215	ABWDXR	19:45:30	19:51:00	1B17	00:05:30
TN-215	WBRNEPK	20:21:00	20:30:30	1A15	00:09:30
TN-215	ABWDXR	21:01:30	21:07:00	1B36	00:05:30
TN-215	WBRNEPK	21:37:00	21:47:30	1A34	00:10:30
TN-215	ABWDXR	22:18:30	22:25:00	1B55	00:06:30
TN-215	WBRNEPK	22:55:00	23:07:30	1A50	00:12:30
TN-215	ABWDXR	23:38:30	23:45:00	1B71	00:06:30
TN-215	WBRNEPK	00:14:00	00:15:00	5B71	00:01:00
TN-215	OOCXRSD	00:29:30			

Diagram TN-216		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-216	OOCXRSD		05:02:30	5A86	
TN-216	WBRNEPK	05:14:00	05:14:30	1A86	00:00:30
TN-216	ABWDXR	05:44:30	05:51:00	1B09	00:06:30
TN-216	WBRNEPK	06:21:00	06:30:30	1A05	00:09:30
TN-216	ABWDXR	07:01:30	07:07:00	1B26	00:05:30
TN-216	WBRNEPK	07:37:00	07:46:30	1A24	00:09:30
TN-216	ABWDXR	08:17:30	08:23:00	1B45	00:05:30
TN-216	WBRNEPK	08:53:00	09:02:30	1A43	00:09:30
TN-216	ABWDXR	09:33:30	09:39:00	1B64	00:05:30
TN-216	WBRNEPK	10:09:00	10:18:30	1A62	00:09:30

TN-216	ABWDXR	10:49:30	10:55:00	1B83	00:05:30
TN-216	WBRNEPK	11:25:00	11:34:30	1A81	00:09:30
TN-216	ABWDXR	12:05:30	12:11:00	1B02	00:05:30
TN-216	WBRNEPK	12:41:00	12:50:30	1A00	00:09:30
TN-216	ABWDXR	13:21:30	13:27:00	1B21	00:05:30
TN-216	WBRNEPK	13:57:00	14:06:30	1A19	00:09:30
TN-216	ABWDXR	14:37:30	14:43:00	1B40	00:05:30
TN-216	WBRNEPK	15:13:00	15:22:30	1A38	00:09:30
TN-216	ABWDXR	15:53:30	15:59:00	1B59	00:05:30
TN-216	WBRNEPK	16:29:00	16:38:30	1A57	00:09:30
TN-216	ABWDXR	17:09:30	17:15:00	1B78	00:05:30
TN-216	WBRNEPK	17:45:00	17:54:30	1A76	00:09:30
TN-216	ABWDXR	18:25:30	18:31:00	1B97	00:05:30
TN-216	WBRNEPK	19:01:00	19:10:30	1A95	00:09:30
TN-216	ABWDXR	19:41:30	19:47:00	1B16	00:05:30
TN-216	WBRNEPK	20:17:00	20:26:30	1A14	00:09:30
TN-216	ABWDXR	20:57:30	21:03:00	1B35	00:05:30
TN-216	WBRNEPK	21:33:00	21:42:30	1A33	00:09:30
TN-216	ABWDXR	22:13:30	22:20:00	1B54	00:06:30
TN-216	WBRNEPK	22:50:00	23:02:30	1A49	00:12:30
TN-216	ABWDXR	23:33:30	23:40:00	1B70	00:06:30
TN-216	WBRNEPK	00:10:00	00:17:30	1A61	00:07:30
TN-216	ABWDXR	00:48:30	00:55:00	1B82	00:06:30
TN-216	WBRNEPK	01:24:00	01:25:00	5B85	00:01:00
TN-216	OOCXRSD	01:39:30			

Diagram TN-217		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-217	OOCXRSD		04:52:30	5A84	
TN-217	WBRNEPK	05:04:00	05:04:30	1A84	00:00:30
TN-217	ABWDXR	05:34:30	05:41:00	1B07	00:06:30
TN-217	WBRNEPK	06:11:00	06:22:30	1A03	00:11:30
TN-217	ABWDXR	06:53:30	06:59:00	1B24	00:05:30
TN-217	WBRNEPK	07:29:00	07:38:30	1A22	00:09:30
TN-217	ABWDXR	08:09:30	08:15:00	1B43	00:05:30
TN-217	WBRNEPK	08:45:00	08:54:30	1A41	00:09:30
TN-217	ABWDXR	09:25:30	09:31:00	1B62	00:05:30
TN-217	WBRNEPK	10:01:00	10:10:30	1A60	00:09:30
TN-217	ABWDXR	10:41:30	10:47:00	1B81	00:05:30
TN-217	WBRNEPK	11:17:00	11:26:30	1A79	00:09:30
TN-217	ABWDXR	11:57:30	12:03:00	1B00	00:05:30
TN-217	WBRNEPK	12:33:00	12:42:30	1A98	00:09:30
TN-217	ABWDXR	13:13:30	13:19:00	1B19	00:05:30
TN-217	WBRNEPK	13:49:00	13:58:30	1A17	00:09:30
TN-217	ABWDXR	14:29:30	14:35:00	1B38	00:05:30
TN-217	WBRNEPK	15:05:00	15:14:30	1A36	00:09:30

TN-217	ABWDXR	15:45:30	15:51:00	1B57	00:05:30
TN-217	WBRNEPK	16:21:00	16:30:30	1A55	00:09:30
TN-217	ABWDXR	17:01:30	17:07:00	1B76	00:05:30
TN-217	WBRNEPK	17:37:00	17:46:30	1A74	00:09:30
TN-217	ABWDXR	18:17:30	18:23:00	1B95	00:05:30
TN-217	WBRNEPK	18:53:00	19:02:30	1A93	00:09:30
TN-217	ABWDXR	19:33:30	19:39:00	1B14	00:05:30
TN-217	WBRNEPK	20:09:00	20:18:30	1A12	00:09:30
TN-217	ABWDXR	20:49:30	20:55:00	1B33	00:05:30
TN-217	WBRNEPK	21:25:00	21:34:30	1A31	00:09:30
TN-217	ABWDXR	22:05:30	22:11:00	1B52	00:05:30
TN-217	WBRNEPK	22:41:00	22:52:30	1A47	00:11:30
TN-217	ABWDXR	23:23:30	23:30:00	1B68	00:06:30
TN-217	WBRNEPK	00:00:00	00:09:30	1A60	00:09:30
TN-217	ABWDXR	00:40:30	00:47:00	1B81	00:06:30
TN-217	WBRNEPK	01:16:00	01:17:30	5B84	00:01:30
TN-217	OOCXRSD	01:34:00			

Diagram TN-218		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-218	OOCXRSD		04:47:30	5A83	
TN-218	WBRNEPK	04:59:00	04:59:30	1A83	00:00:30
TN-218	ABWDXR	05:29:30	05:36:00	1B06	00:06:30
TN-218	WBRNEPK	06:06:00	06:18:30	1A02	00:12:30
TN-218	ABWDXR	06:49:30	06:55:00	1B23	00:05:30
TN-218	WBRNEPK	07:25:00	07:34:30	1A21	00:09:30
TN-218	ABWDXR	08:05:30	08:11:00	1B42	00:05:30
TN-218	WBRNEPK	08:41:00	08:50:30	1A40	00:09:30
TN-218	ABWDXR	09:21:30	09:27:00	1B61	00:05:30
TN-218	WBRNEPK	09:57:00	10:06:30	1A59	00:09:30
TN-218	ABWDXR	10:37:30	10:43:00	1B80	00:05:30
TN-218	WBRNEPK	11:13:00	11:22:30	1A78	00:09:30
TN-218	ABWDXR	11:53:30	11:59:00	1B99	00:05:30
TN-218	WBRNEPK	12:29:00	12:38:30	1A97	00:09:30
TN-218	ABWDXR	13:09:30	13:15:00	1B18	00:05:30
TN-218	WBRNEPK	13:45:00	13:54:30	1A16	00:09:30
TN-218	ABWDXR	14:25:30	14:31:00	1B37	00:05:30
TN-218	WBRNEPK	15:01:00	15:10:30	1A35	00:09:30
TN-218	ABWDXR	15:41:30	15:47:00	1B56	00:05:30
TN-218	WBRNEPK	16:17:00	16:26:30	1A54	00:09:30
TN-218	ABWDXR	16:57:30	17:03:00	1B75	00:05:30
TN-218	WBRNEPK	17:33:00	17:42:30	1A73	00:09:30
TN-218	ABWDXR	18:13:30	18:19:00	1B94	00:05:30
TN-218	WBRNEPK	18:49:00	18:58:30	1A92	00:09:30
TN-218	ABWDXR	19:29:30	19:35:00	1B13	00:05:30
TN-218	WBRNEPK	20:05:00	20:14:30	1A11	00:09:30

TN-218	ABWDXR	20:45:30	20:51:00	1B32	00:05:30
TN-218	WBRNEPK	21:21:00	21:30:30	1A30	00:09:30
TN-218	ABWDXR	22:01:30	22:07:00	1B51	00:05:30
TN-218	WBRNEPK	22:39:30	22:47:30	1A46	00:08:00
TN-218	ABWDXR	23:18:30	23:25:00	1B67	00:06:30
TN-218	WBRNEPK	23:55:00	23:56:30	5B67	00:01:30
TN-218	OOCXRSD	00:11:00			

Diagram TN-219		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-219	OOCXRSD		05:12:30	5A88	
TN-219	WBRNEPK	05:24:00	05:24:30	1A88	00:00:30
TN-219	ABWDXR	05:54:30	06:01:00	1B11	00:06:30
TN-219	WBRNEPK	06:33:00	06:42:30	1A08	00:09:30
TN-219	ABWDXR	07:13:30	07:19:00	1B29	00:05:30
TN-219	WBRNEPK	07:49:00	07:58:30	1A27	00:09:30
TN-219	ABWDXR	08:29:30	08:35:00	1B48	00:05:30
TN-219	WBRNEPK	09:05:00	09:14:30	1A46	00:09:30
TN-219	ABWDXR	09:45:30	09:51:00	1B67	00:05:30
TN-219	WBRNEPK	10:21:00	10:30:30	1A65	00:09:30
TN-219	ABWDXR	11:01:30	11:07:00	1B86	00:05:30
TN-219	WBRNEPK	11:37:00	11:46:30	1A84	00:09:30
TN-219	ABWDXR	12:17:30	12:23:00	1B05	00:05:30
TN-219	WBRNEPK	12:53:00	13:02:30	1A03	00:09:30
TN-219	ABWDXR	13:33:30	13:39:00	1B24	00:05:30
TN-219	WBRNEPK	14:09:00	14:18:30	1A22	00:09:30
TN-219	ABWDXR	14:49:30	14:55:00	1B43	00:05:30
TN-219	WBRNEPK	15:25:00	15:34:30	1A41	00:09:30
TN-219	ABWDXR	16:05:30	16:11:00	1B62	00:05:30
TN-219	WBRNEPK	16:41:00	16:50:30	1A60	00:09:30
TN-219	ABWDXR	17:21:30	17:27:00	1B81	00:05:30
TN-219	WBRNEPK	17:57:00	18:06:30	1A79	00:09:30
TN-219	ABWDXR	18:37:30	18:43:00	1B00	00:05:30
TN-219	WBRNEPK	19:13:00	19:22:30	1A98	00:09:30
TN-219	ABWDXR	19:53:30	19:59:00	1B19	00:05:30
TN-219	WBRNEPK	20:29:00	20:38:30	1A17	00:09:30
TN-219	ABWDXR	21:09:30	21:15:00	1B38	00:05:30
TN-219	WBRNEPK	21:45:00	21:57:30	1A36	00:12:30
TN-219	ABWDXR	22:28:30	22:35:00	1B57	00:06:30
TN-219	WBRNEPK	23:05:00	23:17:30	1A52	00:12:30
TN-219	ABWDXR	23:48:30	23:55:00	1B73	00:06:30
TN-219	WBRNEPK	00:24:00	00:25:00	5B73	00:01:00
TN-219	OOCXRSD	00:39:30			

Diagram DR-301		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A

DR-301	OOCXRSD			09:28:30 5L00	
DR-301	CHDWHTT	10:16:00	10:39:30 5L03	00:23:30	
DR-301	OOCXRSD	11:27:00	12:00:30 5L10	00:33:30	
DR-301	CHDWHTT	12:45:00	13:09:30 5L13	00:24:30	
DR-301	OOCXRSD	13:55:00	14:28:30 5L20	00:33:30	
DR-301	CHDWHTT	15:16:00	15:39:30 5L23	00:23:30	
DR-301	OOCXRSD	16:27:00	17:00:30 5L30	00:33:30	
DR-301	CHDWHTT	17:45:00	18:09:30 5L33	00:24:30	
DR-301	OOCXRSD	18:55:00	19:28:30 5L40	00:33:30	
DR-301	CHDWHTT	20:16:00	20:39:30 5L43	00:23:30	
DR-301	OOCXRSD	21:27:00			

## Diagram DR-302                      Traction: 345-200

Diagram	Location	Arr	Dep	ID	T/A
DR-302	OOCXRSD		10:00:30 5L02		
DR-302	CHDWHTT	10:45:00	11:09:30 5L05	00:24:30	
DR-302	OOCXRSD	11:55:00	12:28:30 5L12	00:33:30	
DR-302	CHDWHTT	13:16:00	13:39:30 5L15	00:23:30	
DR-302	OOCXRSD	14:27:00	15:00:30 5L22	00:33:30	
DR-302	CHDWHTT	15:45:00	16:09:30 5L25	00:24:30	
DR-302	OOCXRSD	16:55:00	17:28:30 5L32	00:33:30	
DR-302	CHDWHTT	18:16:00	18:39:30 5L35	00:23:30	
DR-302	OOCXRSD	19:27:00	20:00:30 5L42	00:33:30	
DR-302	CHDWHTT	20:45:00	21:09:30 5L45	00:24:30	
DR-302	OOCXRSD	21:55:00			

## Diagram DR-303                      Traction: 345-200

Diagram	Location	Arr	Dep	ID	T/A
DR-303	OOCXRSD		10:28:30 5L04		
DR-303	CHDWHTT	11:16:00	11:39:30 5L07	00:23:30	
DR-303	OOCXRSD	12:27:00	13:00:30 5L14	00:33:30	
DR-303	CHDWHTT	13:45:00	14:09:30 5L17	00:24:30	
DR-303	OOCXRSD	14:55:00	15:28:30 5L24	00:33:30	
DR-303	CHDWHTT	16:16:00	16:39:30 5L27	00:23:30	
DR-303	OOCXRSD	17:27:00	18:00:30 5L34	00:33:30	
DR-303	CHDWHTT	18:45:00	19:09:30 5L37	00:24:30	
DR-303	OOCXRSD	19:55:00	20:28:30 5L44	00:33:30	
DR-303	CHDWHTT	21:22:00	21:39:30 5L47	00:17:30	
DR-303	OOCXRSD	22:27:00			

## Diagram DR-304                      Traction: 345-200

Diagram	Location	Arr	Dep	ID	T/A
DR-304	OOCXRSD		09:00:30 5L98		
DR-304	CHDWHTT	09:45:00	10:09:30 5L01	00:24:30	
DR-304	OOCXRSD	10:55:00	11:28:30 5L08	00:33:30	
DR-304	CHDWHTT	12:16:00	12:39:30 5L11	00:23:30	

DR-304	OOCXRSD	13:27:00	14:00:30	5L18	00:33:30
DR-304	CHDWHTT	14:45:00	15:09:30	5L21	00:24:30
DR-304	OOCXRSD	15:55:00	16:28:30	5L28	00:33:30
DR-304	CHDWHTT	17:16:00	17:39:30	5L31	00:23:30
DR-304	OOCXRSD	18:27:00	19:00:30	5L38	00:33:30
DR-304	CHDWHTT	19:45:00	20:09:30	5L41	00:24:30
DR-304	OOCXRSD	20:55:00			

Diagram DR-305                      Traction: 345-200

Diagram	Location	Arr	Dep	ID	T/A
DR-305	OOCXRSD		11:00:30	5L06	
DR-305	CHDWHTT	11:45:00	12:09:30	5L09	00:24:30
DR-305	OOCXRSD	12:55:00	13:28:30	5L16	00:33:30
DR-305	CHDWHTT	14:16:00	14:39:30	5L19	00:23:30
DR-305	OOCXRSD	15:27:00	16:00:30	5L26	00:33:30
DR-305	CHDWHTT	16:45:00	17:09:30	5L29	00:24:30
DR-305	OOCXRSD	17:55:00	18:28:30	5L36	00:33:30
DR-305	CHDWHTT	19:16:00	19:39:30	5L39	00:23:30
DR-305	OOCXRSD	20:27:00			

Diagram OC501                      Traction: 345

Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

Diagram OC502                      Traction: 345

Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		04:35:00	
	ABWHDSH	05:18:00	00:25:00	
	OLDOCCS	01:15:00		

**Stage 3 SU**

Diagram HT-101		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-101	OLDOXRD		05:28:30	5T13	
HT-101	OLDOXRW	05:31:30	05:31:30	5T13	00:00:00
HT-101	OLDOXRB	05:36:00	05:36:00	5T13	00:00:00
HT-101	PADTON	05:42:30	05:52:00	2T13	00:09:30
HT-101	HTRWTM4	06:21:00	06:43:00	2Y14	00:22:00
HT-101	PADTON	07:14:00	07:22:00	2T19	00:08:00
HT-101	HTRWTM4	07:51:00	08:13:00	2Y20	00:22:00
HT-101	PADTON	08:44:00	08:52:00	2T25	00:08:00
HT-101	HTRWTM4	09:21:00	09:43:00	2Y26	00:22:00
HT-101	PADTON	10:14:00	10:22:00	2T31	00:08:00
HT-101	HTRWTM4	10:51:00	11:13:00	2Y32	00:22:00
HT-101	PADTON	11:44:00	11:52:00	2T37	00:08:00
HT-101	HTRWTM4	12:21:00	12:43:00	2Y38	00:22:00
HT-101	PADTON	13:14:00	13:22:00	2T43	00:08:00
HT-101	HTRWTM4	13:51:00	14:13:00	2Y44	00:22:00
HT-101	PADTON	14:44:00	14:52:00	2T49	00:08:00
HT-101	HTRWTM4	15:21:00	15:43:00	2Y50	00:22:00
HT-101	PADTON	16:14:00	16:22:00	2T55	00:08:00
HT-101	HTRWTM4	16:51:00	17:13:00	2Y56	00:22:00
HT-101	PADTON	17:44:00	17:52:00	2T61	00:08:00
HT-101	HTRWTM4	18:21:00	18:43:00	2Y62	00:22:00
HT-101	PADTON	19:14:00	19:22:00	2T67	00:08:00
HT-101	HTRWTM4	19:51:00	20:13:00	2Y68	00:22:00
HT-101	PADTON	20:44:00	20:52:00	2T73	00:08:00
HT-101	HTRWTM4	21:21:00	21:43:00	2Y74	00:22:00
HT-101	PADTON	22:14:00	22:22:00	2T79	00:08:00
HT-101	HTRWTM4	22:51:00	23:13:00	2Y80	00:22:00
HT-101	PADTON	23:44:00	23:51:00	5Y80	00:07:00
HT-101	OLDOXRB	23:56:30	23:56:30	5Y80	00:00:00
HT-101	OLDOXRW	00:05:00	00:05:00	5Y80	00:00:00
HT-101	OLDOXRD	00:08:00			

Diagram HT-102		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-102	OLDOXRD		05:14:00	5T12	
HT-102	OLDOXRW	05:17:00	05:17:00	5T12	00:00:00
HT-102	OLDOXRB	05:21:30	05:21:30	5T12	00:00:00
HT-102	PADTON	05:28:00	05:37:00	2T12	00:09:00
HT-102	HTRWTM4	06:06:00	06:28:00	2Y13	00:22:00
HT-102	PADTON	06:59:00	07:07:00	2T18	00:08:00
HT-102	HTRWTM4	07:36:00	07:58:00	2Y19	00:22:00
HT-102	PADTON	08:29:00	08:37:00	2T24	00:08:00



HT-102	HTRWTM4	09:06:00	09:28:00	2Y25	00:22:00
HT-102	PADTON	09:59:00	10:07:00	2T30	00:08:00
HT-102	HTRWTM4	10:36:00	10:58:00	2Y31	00:22:00
HT-102	PADTON	11:29:00	11:37:00	2T36	00:08:00
HT-102	HTRWTM4	12:06:00	12:28:00	2Y37	00:22:00
HT-102	PADTON	12:59:00	13:07:00	2T42	00:08:00
HT-102	HTRWTM4	13:36:00	13:58:00	2Y43	00:22:00
HT-102	PADTON	14:29:00	14:37:00	2T48	00:08:00
HT-102	HTRWTM4	15:06:00	15:28:00	2Y49	00:22:00
HT-102	PADTON	15:59:00	16:07:00	2T54	00:08:00
HT-102	HTRWTM4	16:36:00	16:58:00	2Y55	00:22:00
HT-102	PADTON	17:29:00	17:37:00	2T60	00:08:00
HT-102	HTRWTM4	18:06:00	18:28:00	2Y61	00:22:00
HT-102	PADTON	18:59:00	19:07:00	2T66	00:08:00
HT-102	HTRWTM4	19:36:00	19:58:00	2Y67	00:22:00
HT-102	PADTON	20:29:00	20:37:00	2T72	00:08:00
HT-102	HTRWTM4	21:06:00	21:28:00	2Y73	00:22:00
HT-102	PADTON	21:59:00	22:07:00	2T78	00:08:00
HT-102	HTRWTM4	22:36:00	22:58:00	2Y79	00:22:00
HT-102	PADTON	23:29:00	23:36:00	5Y79	00:07:00
HT-102	OLDOXRB	23:41:30	23:41:30	5Y79	00:00:00
HT-102	OLDOXRW	23:49:00	23:49:00	5Y79	00:00:00
HT-102	OLDOXRD	23:52:00		WASH	

Diagram HT-103			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
HT-103	OLDOXRD		04:59:00	5T11	
HT-103	OLDOXRW	05:02:00	05:02:00	5T11	00:00:00
HT-103	OLDOXRB	05:06:30	05:06:30	5T11	00:00:00
HT-103	PADTON	05:13:00	05:22:00	2T11	00:09:00
HT-103	HTRWTM4	05:51:00	06:13:00	2Y12	00:22:00
HT-103	PADTON	06:44:00	06:52:00	2T17	00:08:00
HT-103	HTRWTM4	07:21:00	07:43:00	2Y18	00:22:00
HT-103	PADTON	08:14:00	08:22:00	2T23	00:08:00
HT-103	HTRWTM4	08:51:00	09:13:00	2Y24	00:22:00
HT-103	PADTON	09:44:00	09:52:00	2T29	00:08:00
HT-103	HTRWTM4	10:21:00	10:43:00	2Y30	00:22:00
HT-103	PADTON	11:14:00	11:22:00	2T35	00:08:00
HT-103	HTRWTM4	11:51:00	12:13:00	2Y36	00:22:00
HT-103	PADTON	12:44:00	12:52:00	2T41	00:08:00
HT-103	HTRWTM4	13:21:00	13:43:00	2Y42	00:22:00
HT-103	PADTON	14:14:00	14:22:00	2T47	00:08:00
HT-103	HTRWTM4	14:51:00	15:13:00	2Y48	00:22:00
HT-103	PADTON	15:44:00	15:52:00	2T53	00:08:00
HT-103	HTRWTM4	16:21:00	16:43:00	2Y54	00:22:00
HT-103	PADTON	17:14:00	17:22:00	2T59	00:08:00

HT-103	HTRWTM4	17:51:00	18:13:00	2Y60	00:22:00
HT-103	PADTON	18:44:00	18:52:00	2T65	00:08:00
HT-103	HTRWTM4	19:21:00	19:43:00	2Y66	00:22:00
HT-103	PADTON	20:14:00	20:22:00	2T71	00:08:00
HT-103	HTRWTM4	20:51:00	21:13:00	2Y72	00:22:00
HT-103	PADTON	21:44:00	21:52:00	2T77	00:08:00
HT-103	HTRWTM4	22:21:00	22:43:00	2Y78	00:22:00
HT-103	PADTON	23:14:00	23:21:00	5Y78	00:07:00
HT-103	OLDOXRB	23:26:30	23:26:30	5Y78	00:00:00
HT-103	OLDOXRW	23:34:00	23:34:00	5Y78	00:00:00
HT-103	OLDOXRD	23:37:00		WASH	

Diagram HT-104		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-104	OLDOXRD		04:46:00	5T10	
HT-104	OLDOXRW	04:49:00	04:49:00	5T10	00:00:00
HT-104	OLDOXRB	04:53:30	04:53:30	5T10	00:00:00
HT-104	PADTON	05:00:00	05:07:00	2T10	00:07:00
HT-104	HTRWTM4	05:36:00	05:58:00	2Y11	00:22:00
HT-104	PADTON	06:29:00	06:37:00	2T16	00:08:00
HT-104	HTRWTM4	07:06:00	07:28:00	2Y17	00:22:00
HT-104	PADTON	07:59:00	08:07:00	2T22	00:08:00
HT-104	HTRWTM4	08:36:00	08:58:00	2Y23	00:22:00
HT-104	PADTON	09:29:00	09:37:00	2T28	00:08:00
HT-104	HTRWTM4	10:06:00	10:28:00	2Y29	00:22:00
HT-104	PADTON	10:59:00	11:07:00	2T34	00:08:00
HT-104	HTRWTM4	11:36:00	11:58:00	2Y35	00:22:00
HT-104	PADTON	12:29:00	12:37:00	2T40	00:08:00
HT-104	HTRWTM4	13:06:00	13:28:00	2Y41	00:22:00
HT-104	PADTON	13:59:00	14:07:00	2T46	00:08:00
HT-104	HTRWTM4	14:36:00	14:58:00	2Y47	00:22:00
HT-104	PADTON	15:29:00	15:37:00	2T52	00:08:00
HT-104	HTRWTM4	16:06:00	16:28:00	2Y53	00:22:00
HT-104	PADTON	16:59:00	17:07:00	2T58	00:08:00
HT-104	HTRWTM4	17:36:00	17:58:00	2Y59	00:22:00
HT-104	PADTON	18:29:00	18:37:00	2T64	00:08:00
HT-104	HTRWTM4	19:06:00	19:28:00	2Y65	00:22:00
HT-104	PADTON	19:59:00	20:07:00	2T70	00:08:00
HT-104	HTRWTM4	20:36:00	20:58:00	2Y71	00:22:00
HT-104	PADTON	21:29:00	21:37:00	2T76	00:08:00
HT-104	HTRWTM4	22:06:00	22:28:00	2Y77	00:22:00
HT-104	PADTON	22:59:00	23:07:00	2T82	00:08:00
HT-104	HTRWTM4	23:36:00	23:58:00	2Y83	00:22:00
HT-104	PADTON	00:29:00	00:37:00	5Y83	00:08:00
HT-104	OLDOXRB	00:42:30	00:42:30	5Y83	00:00:00
HT-104	OLDOXRW	00:50:00	00:50:00	5Y83	00:00:00

HT-104	OLDOXRD	00:53:00	WASH
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Diagram HT-105		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-105	OLDOXRD		04:35:00	5Y09	
HT-105	OLDOXRW	04:38:00	04:38:00	5Y09	00:00:00
HT-105	OLDOXRB	04:42:30	04:42:30	5Y09	00:00:00
HT-105	PADTON	04:49:00	04:57:00	5Y09	00:08:00
HT-105	HTRWTM4	05:18:00	05:28:00	2Y09	00:10:00
HT-105	PADTON	05:59:00	06:07:00	2T14	00:08:00
HT-105	HTRWTM4	06:36:00	06:58:00	2Y15	00:22:00
HT-105	PADTON	07:29:00	07:37:00	2T20	00:08:00
HT-105	HTRWTM4	08:06:00	08:28:00	2Y21	00:22:00
HT-105	PADTON	08:59:00	09:07:00	2T26	00:08:00
HT-105	HTRWTM4	09:36:00	09:58:00	2Y27	00:22:00
HT-105	PADTON	10:29:00	10:37:00	2T32	00:08:00
HT-105	HTRWTM4	11:06:00	11:28:00	2Y33	00:22:00
HT-105	PADTON	11:59:00	12:07:00	2T38	00:08:00
HT-105	HTRWTM4	12:36:00	12:58:00	2Y39	00:22:00
HT-105	PADTON	13:29:00	13:37:00	2T44	00:08:00
HT-105	HTRWTM4	14:06:00	14:28:00	2Y45	00:22:00
HT-105	PADTON	14:59:00	15:07:00	2T50	00:08:00
HT-105	HTRWTM4	15:36:00	15:58:00	2Y51	00:22:00
HT-105	PADTON	16:29:00	16:37:00	2T56	00:08:00
HT-105	HTRWTM4	17:06:00	17:28:00	2Y57	00:22:00
HT-105	PADTON	17:59:00	18:07:00	2T62	00:08:00
HT-105	HTRWTM4	18:36:00	18:58:00	2Y63	00:22:00
HT-105	PADTON	19:30:00	19:37:00	2T68	00:07:00
HT-105	HTRWTM4	20:06:00	20:28:00	2Y69	00:22:00
HT-105	PADTON	20:59:00	21:07:00	2T74	00:08:00
HT-105	HTRWTM4	21:36:00	21:58:00	2Y75	00:22:00
HT-105	PADTON	22:29:00	22:37:00	2T80	00:08:00
HT-105	HTRWTM4	23:06:00	23:27:00	2Y81	00:21:00
HT-105	PADTON	23:58:00	00:05:00	5Y81	00:07:00
HT-105	OLDOXRB	00:10:30	00:10:30	5Y81	00:00:00
HT-105	OLDOXRW	00:20:00	00:20:00	5Y81	00:00:00
HT-105	OLDOXRD	00:23:00			

Diagram HT-106		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
HT-106	OLDOXRD		04:46:30	5Y10	
HT-106	KENSLGS	04:54:30	05:01:30	5Y10	00:07:00
HT-106	HTRWTM4	05:24:00	05:43:00	2Y10	00:19:00
HT-106	PADTON	06:14:00	06:22:00	2T15	00:08:00
HT-106	HTRWTM4	06:51:00	07:13:00	2Y16	00:22:00
HT-106	PADTON	07:44:00	07:52:00	2T21	00:08:00

HT-106	HTRWTM4	08:21:00	08:43:00	2Y22	00:22:00
HT-106	PADTON	09:14:00	09:22:00	2T27	00:08:00
HT-106	HTRWTM4	09:51:00	10:13:00	2Y28	00:22:00
HT-106	PADTON	10:44:00	10:52:00	2T33	00:08:00
HT-106	HTRWTM4	11:21:00	11:43:00	2Y34	00:22:00
HT-106	PADTON	12:14:00	12:22:00	2T39	00:08:00
HT-106	HTRWTM4	12:51:00	13:13:00	2Y40	00:22:00
HT-106	PADTON	13:44:00	13:52:00	2T45	00:08:00
HT-106	HTRWTM4	14:21:00	14:43:00	2Y46	00:22:00
HT-106	PADTON	15:14:00	15:22:00	2T51	00:08:00
HT-106	HTRWTM4	15:51:00	16:13:00	2Y52	00:22:00
HT-106	PADTON	16:45:00	16:52:00	2T57	00:07:00
HT-106	HTRWTM4	17:21:00	17:43:00	2Y58	00:22:00
HT-106	PADTON	18:14:00	18:22:00	2T63	00:08:00
HT-106	HTRWTM4	18:51:00	19:13:00	2Y64	00:22:00
HT-106	PADTON	19:44:00	19:52:00	2T69	00:08:00
HT-106	HTRWTM4	20:21:00	20:43:00	2Y70	00:22:00
HT-106	PADTON	21:14:00	21:22:00	2T75	00:08:00
HT-106	HTRWTM4	21:51:00	22:13:00	2Y76	00:22:00
HT-106	PADTON	22:44:00	22:52:00	2T81	00:08:00
HT-106	HTRWTM4	23:21:00	23:43:00	2Y82	00:22:00
HT-106	PADTON	00:14:00	00:21:00	5Y82	00:07:00
HT-106	OLDOXRB	00:26:30	00:26:30	5Y82	00:00:00
HT-106	OLDOXRW	00:34:00	00:34:00	5Y82	00:00:00
HT-106	OLDOXRD	00:37:00		WASH	

Diagram TN-201		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-201	OLDOXRD		07:03:30	5B48	
TN-201	OLDOXRW	07:06:30	07:06:30	5B48	00:00:00
TN-201	OLDOXRB	07:11:00	07:11:00	5B48	00:00:00
TN-201	ABWDXR	07:43:00	07:50:00	1B48	00:07:00
TN-201	WBRNEPK	08:20:00	08:27:00	1A42	00:07:00
TN-201	ABWDXR	08:58:00	09:05:00	1B63	00:07:00
TN-201	WBRNEPK	09:35:00	09:42:00	1A57	00:07:00
TN-201	ABWDXR	10:13:00	10:20:00	1B78	00:07:00
TN-201	WBRNEPK	10:50:00	11:02:00	1A73	00:12:00
TN-201	ABWDXR	11:33:00	11:39:00	1B94	00:06:00
TN-201	WBRNEPK	12:09:00	12:18:30	1A92	00:09:30
TN-201	ABWDXR	12:49:30	12:55:00	1B13	00:05:30
TN-201	WBRNEPK	13:25:00	13:34:30	1A11	00:09:30
TN-201	ABWDXR	14:05:30	14:11:00	1B32	00:05:30
TN-201	WBRNEPK	14:41:00	14:50:30	1A30	00:09:30
TN-201	ABWDXR	15:21:30	15:27:00	1B51	00:05:30
TN-201	WBRNEPK	15:57:00	16:06:30	1A49	00:09:30
TN-201	ABWDXR	16:37:30	16:43:00	1B70	00:05:30



TN-201	WBRNEPK	17:13:00	17:22:30 1A68	00:09:30
TN-201	ABWDXR	17:53:30	17:59:00 1B89	00:05:30
TN-201	WBRNEPK	18:29:00	18:38:30 1A87	00:09:30
TN-201	ABWDXR	19:09:30	19:15:00 1B08	00:05:30
TN-201	WBRNEPK	19:45:00	19:54:30 1A06	00:09:30
TN-201	ABWDXR	20:25:30	20:31:00 1B27	00:05:30
TN-201	WBRNEPK	21:01:00	21:10:30 1A25	00:09:30
TN-201	ABWDXR	21:41:30	21:47:00 1B46	00:05:30
TN-201	WBRNEPK	22:17:00	22:27:30 1A42	00:10:30
TN-201	ABWDXR	22:58:30	23:05:00 1B63	00:06:30
TN-201	WBRNEPK	23:34:00	23:35:00 5B63	00:01:00
TN-201	OLDOXRB	23:39:00	23:39:00 5B63	00:00:00
TN-201	OLDOXRW	23:46:30	23:46:30 5B63	00:00:00
TN-201	OLDOXRD	23:49:30	WASH	

Diagram TN-202		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-202	OLDOXRD			07:01:00 5B47	
TN-202	OLDOXRW	07:04:00	07:04:00	5B47	00:00:00
TN-202	OLDOXRB	07:08:30	07:08:30	5B47	00:00:00
TN-202	ABWDXR	07:38:00	07:45:00	1B47	00:07:00
TN-202	WBRNEPK	08:15:00	08:22:00	1A41	00:07:00
TN-202	ABWDXR	08:53:00	09:00:00	1B62	00:07:00
TN-202	WBRNEPK	09:30:00	09:37:00	1A56	00:07:00
TN-202	ABWDXR	10:08:00	10:15:00	1B77	00:07:00
TN-202	WBRNEPK	10:45:00	10:52:00	1A71	00:07:00
TN-202	ABWDXR	11:23:00	11:30:00	1B92	00:07:00
TN-202	WBRNEPK	12:00:00	12:10:30	1A90	00:10:30
TN-202	ABWDXR	12:41:30	12:47:00	1B11	00:05:30
TN-202	WBRNEPK	13:17:00	13:26:30	1A09	00:09:30
TN-202	ABWDXR	13:57:30	14:03:00	1B30	00:05:30
TN-202	WBRNEPK	14:33:00	14:42:30	1A28	00:09:30
TN-202	ABWDXR	15:13:30	15:19:00	1B49	00:05:30
TN-202	WBRNEPK	15:49:00	15:58:30	1A47	00:09:30
TN-202	ABWDXR	16:29:30	16:35:00	1B68	00:05:30
TN-202	WBRNEPK	17:05:00	17:14:30	1A66	00:09:30
TN-202	ABWDXR	17:45:30	17:51:00	1B87	00:05:30
TN-202	WBRNEPK	18:21:00	18:30:30	1A85	00:09:30
TN-202	ABWDXR	19:01:30	19:07:00	1B06	00:05:30
TN-202	WBRNEPK	19:37:00	19:46:30	1A04	00:09:30
TN-202	ABWDXR	20:17:30	20:23:00	1B25	00:05:30
TN-202	WBRNEPK	20:53:00	21:02:30	1A23	00:09:30
TN-202	ABWDXR	21:33:30	21:39:00	1B44	00:05:30
TN-202	WBRNEPK	22:08:00	22:09:00	5B44	00:01:00
TN-202	OLDOXRB	22:13:00	22:13:00	5B44	00:00:00
TN-202	OLDOXRW	22:20:30	22:20:30	5B44	00:00:00

Diagram	Location	Arr	Dep	ID	T/A
TN-202	OLDOXRD		22:23:30	WASH	
Diagram TN-203 Traction: 345-200					
Diagram	Location	Arr	Dep	ID	T/A
TN-203	OLDOXRD		06:58:30	5B46	
TN-203	OLDOXRW	07:01:30	07:01:30	5B46	00:00:00
TN-203	OLDOXRB	07:06:00	07:06:00	5B46	00:00:00
TN-203	ABWDXR	07:33:00	07:40:00	1B46	00:07:00
TN-203	WBRNEPK	08:10:00	08:17:00	1A40	00:07:00
TN-203	ABWDXR	08:48:00	08:55:00	1B61	00:07:00
TN-203	WBRNEPK	09:25:00	09:32:00	1A55	00:07:00
TN-203	ABWDXR	10:03:00	10:10:00	1B76	00:07:00
TN-203	WBRNEPK	10:40:00	10:47:00	1A70	00:07:00
TN-203	ABWDXR	11:18:00	11:25:00	1B91	00:07:00
TN-203	WBRNEPK	11:55:00	12:06:30	1A89	00:11:30
TN-203	ABWDXR	12:37:30	12:43:00	1B10	00:05:30
TN-203	WBRNEPK	13:13:00	13:22:30	1A08	00:09:30
TN-203	ABWDXR	13:53:30	13:59:00	1B29	00:05:30
TN-203	WBRNEPK	14:29:00	14:38:30	1A27	00:09:30
TN-203	ABWDXR	15:09:30	15:15:00	1B48	00:05:30
TN-203	WBRNEPK	15:45:00	15:54:30	1A46	00:09:30
TN-203	ABWDXR	16:25:30	16:31:00	1B67	00:05:30
TN-203	WBRNEPK	17:01:00	17:10:30	1A65	00:09:30
TN-203	ABWDXR	17:41:30	17:47:00	1B86	00:05:30
TN-203	WBRNEPK	18:17:00	18:26:30	1A84	00:09:30
TN-203	ABWDXR	18:57:30	19:03:00	1B05	00:05:30
TN-203	WBRNEPK	19:33:00	19:42:30	1A03	00:09:30
TN-203	ABWDXR	20:13:30	20:19:00	1B24	00:05:30
TN-203	WBRNEPK	20:49:00	20:58:30	1A22	00:09:30
TN-203	ABWDXR	21:29:30	21:35:00	1B43	00:05:30
TN-203	WBRNEPK	22:05:00	22:17:30	1A40	00:12:30
TN-203	ABWDXR	22:48:30	22:55:00	1B61	00:06:30
TN-203	WBRNEPK	23:25:00	23:32:30	1A55	00:07:30
TN-203	ABWDXR	00:03:30	00:10:00	5A55	00:06:30
TN-203	OLDOXRB	00:32:30	00:32:30	5A55	00:00:00
TN-203	OLDOXRW	00:42:00	00:42:00	5A55	00:00:00
TN-203	OLDOXRD	00:45:00	WASH		

Diagram	Location	Arr	Dep	ID	T/A
Diagram TN-204 Traction: 345-200					
TN-204	OLDOXRD		06:56:00	5B45	
TN-204	OLDOXRW	06:59:00	06:59:00	5B45	00:00:00
TN-204	OLDOXRB	07:03:30	07:03:30	5B45	00:00:00
TN-204	ABWDXR	07:28:00	07:35:00	1B45	00:07:00
TN-204	WBRNEPK	08:05:00	08:12:00	1A39	00:07:00
TN-204	ABWDXR	08:43:00	08:50:00	1B60	00:07:00

TN-204	WBRNEPK	09:20:00	09:27:00	1A54	00:07:00
TN-204	ABWDXR	09:58:00	10:05:00	1B75	00:07:00
TN-204	WBRNEPK	10:35:00	10:42:00	1A69	00:07:00
TN-204	ABWDXR	11:13:00	11:20:00	1B90	00:07:00
TN-204	WBRNEPK	11:50:00	12:02:30	1A88	00:12:30
TN-204	ABWDXR	12:33:30	12:39:00	1B09	00:05:30
TN-204	WBRNEPK	13:09:00	13:18:30	1A07	00:09:30
TN-204	ABWDXR	13:49:30	13:55:00	1B28	00:05:30
TN-204	WBRNEPK	14:25:00	14:34:30	1A26	00:09:30
TN-204	ABWDXR	15:05:30	15:11:00	1B47	00:05:30
TN-204	WBRNEPK	15:41:00	15:50:30	1A45	00:09:30
TN-204	ABWDXR	16:21:30	16:27:00	1B66	00:05:30
TN-204	WBRNEPK	16:57:00	17:06:30	1A64	00:09:30
TN-204	ABWDXR	17:37:30	17:43:00	1B85	00:05:30
TN-204	WBRNEPK	18:13:00	18:22:30	1A83	00:09:30
TN-204	ABWDXR	18:53:30	18:59:00	1B04	00:05:30
TN-204	WBRNEPK	19:29:00	19:38:30	1A02	00:09:30
TN-204	ABWDXR	20:09:30	20:15:00	1B23	00:05:30
TN-204	WBRNEPK	20:45:00	20:54:30	1A21	00:09:30
TN-204	ABWDXR	21:25:30	21:31:00	1B42	00:05:30
TN-204	WBRNEPK	22:01:00	22:12:30	1A39	00:11:30
TN-204	ABWDXR	22:43:30	22:50:00	1B60	00:06:30
TN-204	WBRNEPK	23:20:00	23:27:30	1A54	00:07:30
TN-204	ABWDXR	23:58:30	00:05:00	5A54	00:06:30
TN-204	OLDOXRB	00:27:30	00:27:30	5A54	00:00:00
TN-204	OLDOXRW	00:38:30	00:38:30	5A54	00:00:00
TN-204	OLDOXRD	00:41:30		WASH	

Diagram TN-205			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-205	OLDOXRD		11:03:30	5A76	
TN-205	OLDOXRW	11:06:30	11:06:30	5A76	00:00:00
TN-205	OLDOXRB	11:11:00	11:11:00	5A76	00:00:00
TN-205	WBRNEPK	11:15:00	11:15:30	1A76	00:00:30
TN-205	ABWDXR	11:45:30	11:51:00	1B97	00:05:30
TN-205	WBRNEPK	12:21:00	12:30:30	1A95	00:09:30
TN-205	ABWDXR	13:01:30	13:07:00	1B16	00:05:30
TN-205	WBRNEPK	13:37:00	13:46:30	1A14	00:09:30
TN-205	ABWDXR	14:17:30	14:23:00	1B35	00:05:30
TN-205	WBRNEPK	14:53:00	15:02:30	1A33	00:09:30
TN-205	ABWDXR	15:33:30	15:39:00	1B54	00:05:30
TN-205	WBRNEPK	16:09:00	16:18:30	1A52	00:09:30
TN-205	ABWDXR	16:49:30	16:55:00	1B73	00:05:30
TN-205	WBRNEPK	17:25:00	17:34:30	1A71	00:09:30
TN-205	ABWDXR	18:05:30	18:11:00	1B92	00:05:30
TN-205	WBRNEPK	18:41:00	18:50:30	1A90	00:09:30

TN-205	ABWDXR	19:21:30	19:27:00	1B11	00:05:30
TN-205	WBRNEPK	19:57:00	20:06:30	1A09	00:09:30
TN-205	ABWDXR	20:37:30	20:43:00	1B30	00:05:30
TN-205	WBRNEPK	21:13:00	21:22:30	1A28	00:09:30
TN-205	ABWDXR	21:53:30	21:59:00	1B49	00:05:30
TN-205	WBRNEPK	22:28:00	22:29:00	5B49	00:01:00
TN-205	OLDOXRB	22:33:00	22:33:00	5B49	00:00:00
TN-205	OLDOXRW	22:40:30	22:40:30	5B49	00:00:00
TN-205	OLDOXRD	22:43:30		WASH	

Diagram TN-206			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-206	OLDOXRD		10:44:30	5A72	
TN-206	OLDOXRW	10:47:30	10:47:30	5A72	00:00:00
TN-206	OLDOXRB	10:52:00	10:52:00	5A72	00:00:00
TN-206	WBRNEPK	10:56:00	10:57:00	1A72	00:01:00
TN-206	ABWDXR	11:28:00	11:35:00	1B93	00:07:00
TN-206	WBRNEPK	12:05:00	12:14:30	1A91	00:09:30
TN-206	ABWDXR	12:45:30	12:51:00	1B12	00:05:30
TN-206	WBRNEPK	13:21:00	13:30:30	1A10	00:09:30
TN-206	ABWDXR	14:01:30	14:07:00	1B31	00:05:30
TN-206	WBRNEPK	14:37:00	14:46:30	1A29	00:09:30
TN-206	ABWDXR	15:17:30	15:23:00	1B50	00:05:30
TN-206	WBRNEPK	15:53:00	16:02:30	1A48	00:09:30
TN-206	ABWDXR	16:33:30	16:39:00	1B69	00:05:30
TN-206	WBRNEPK	17:09:00	17:18:30	1A67	00:09:30
TN-206	ABWDXR	17:49:30	17:55:00	1B88	00:05:30
TN-206	WBRNEPK	18:25:00	18:34:30	1A86	00:09:30
TN-206	ABWDXR	19:05:30	19:11:00	1B07	00:05:30
TN-206	WBRNEPK	19:41:00	19:50:30	1A05	00:09:30
TN-206	ABWDXR	20:21:30	20:27:00	1B26	00:05:30
TN-206	WBRNEPK	20:57:00	21:06:30	1A24	00:09:30
TN-206	ABWDXR	21:37:30	21:43:00	1B45	00:05:30
TN-206	WBRNEPK	22:13:00	22:22:30	1A41	00:09:30
TN-206	ABWDXR	22:53:30	23:00:00	1B62	00:06:30
TN-206	WBRNEPK	23:30:00	23:37:30	1A56	00:07:30
TN-206	ABWDXR	00:08:30	00:15:00	5A56	00:06:30
TN-206	OLDOXRB	00:37:30	00:37:30	5A56	00:00:00
TN-206	OLDOXRW	00:46:30	00:46:30	5A56	00:00:00
TN-206	OLDOXRD	00:49:30		WASH	

Diagram TN-207			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-207	OLDOXRD		11:47:30	5A87	
TN-207	OLDOXRW	11:50:30	11:50:30	5A87	00:00:00
TN-207	OLDOXRB	11:55:00	11:55:00	5A87	00:00:00



TN-207	WBRNEPK	11:59:00	11:59:30 1A87	00:00:30
TN-207	ABWDXR	12:29:30	12:35:00 1B08	00:05:30
TN-207	WBRNEPK	13:05:00	13:14:30 1A06	00:09:30
TN-207	ABWDXR	13:45:30	13:51:00 1B27	00:05:30
TN-207	WBRNEPK	14:21:00	14:30:30 1A25	00:09:30
TN-207	ABWDXR	15:01:30	15:07:00 1B46	00:05:30
TN-207	WBRNEPK	15:37:00	15:46:30 1A44	00:09:30
TN-207	ABWDXR	16:17:30	16:23:00 1B65	00:05:30
TN-207	WBRNEPK	16:53:00	17:02:30 1A63	00:09:30
TN-207	ABWDXR	17:33:30	17:39:00 1B84	00:05:30
TN-207	WBRNEPK	18:09:00	18:18:30 1A82	00:09:30
TN-207	ABWDXR	18:49:30	18:55:00 1B03	00:05:30
TN-207	WBRNEPK	19:25:00	19:34:30 1A01	00:09:30
TN-207	ABWDXR	20:05:30	20:11:00 1B22	00:05:30
TN-207	WBRNEPK	20:41:00	20:50:30 1A20	00:09:30
TN-207	ABWDXR	21:21:30	21:27:00 1B41	00:05:30
TN-207	WBRNEPK	21:57:00	22:07:30 1A38	00:10:30
TN-207	ABWDXR	22:38:30	22:45:00 1B59	00:06:30
TN-207	WBRNEPK	23:15:00	23:22:30 1A53	00:07:30
TN-207	ABWDXR	23:53:30	00:00:30 5A53	00:07:00
TN-207	OLDOXRB	00:23:00	00:23:00 5A53	00:00:00
TN-207	OLDOXRW	00:30:30	00:30:30 5A53	00:00:00
TN-207	OLDOXRD	00:33:30	WASH	

Diagram TN-208			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-208	OLDOXRD		11:19:30	5A80	
TN-208	OLDOXRW	11:22:30	11:22:30	5A80	00:00:00
TN-208	OLDOXRB	11:27:00	11:27:00	5A80	00:00:00
TN-208	WBRNEPK	11:31:00	11:31:30	1A80	00:00:30
TN-208	ABWDXR	12:01:30	12:07:00	1B01	00:05:30
TN-208	WBRNEPK	12:37:00	12:46:30	1A99	00:09:30
TN-208	ABWDXR	13:17:30	13:23:00	1B20	00:05:30
TN-208	WBRNEPK	13:53:00	14:02:30	1A18	00:09:30
TN-208	ABWDXR	14:33:30	14:39:00	1B39	00:05:30
TN-208	WBRNEPK	15:09:00	15:18:30	1A37	00:09:30
TN-208	ABWDXR	15:49:30	15:55:00	1B58	00:05:30
TN-208	WBRNEPK	16:25:00	16:34:30	1A56	00:09:30
TN-208	ABWDXR	17:05:30	17:11:00	1B77	00:05:30
TN-208	WBRNEPK	17:41:00	17:50:30	1A75	00:09:30
TN-208	ABWDXR	18:21:30	18:27:00	1B96	00:05:30
TN-208	WBRNEPK	18:57:00	19:06:30	1A94	00:09:30
TN-208	ABWDXR	19:37:30	19:43:00	1B15	00:05:30
TN-208	WBRNEPK	20:13:00	20:22:30	1A13	00:09:30
TN-208	ABWDXR	20:53:30	20:59:00	1B34	00:05:30
TN-208	WBRNEPK	21:29:00	21:38:30	1A32	00:09:30

TN-208	ABWDXR	22:09:30	22:15:00	1B53	00:05:30
TN-208	WBRNEPK	22:45:00	22:57:30	1A48	00:12:30
TN-208	ABWDXR	23:28:30	23:35:00	5A48	00:06:30
TN-208	OLDOXRB	00:04:00	00:04:00	5A48	00:00:00
TN-208	OLDOXRW	00:12:30	00:12:30	5A48	00:00:00
TN-208	OLDOXRD	00:15:30			

Diagram TN-209		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-209	OLDOXRD		07:26:00	5A32	
TN-209	OLDOXRW	07:29:00	07:29:00	5A32	00:00:00
TN-209	OLDOXRB	07:33:30	07:33:30	5A32	00:00:00
TN-209	WBRNEPK	07:37:30	07:38:00	1A32	00:00:30
TN-209	ABWDXR	08:08:00	08:15:00	1B53	00:07:00
TN-209	WBRNEPK	08:45:00	08:52:00	1A47	00:07:00
TN-209	ABWDXR	09:23:00	09:30:00	1B68	00:07:00
TN-209	WBRNEPK	10:01:00	10:07:00	1A62	00:06:00
TN-209	ABWDXR	10:38:00	10:45:00	1B83	00:07:00
TN-209	WBRNEPK	11:15:00	11:26:30	1A79	00:11:30
TN-209	ABWDXR	11:57:30	12:03:00	1B00	00:05:30
TN-209	WBRNEPK	12:33:00	12:42:30	1A98	00:09:30
TN-209	ABWDXR	13:13:30	13:19:00	1B19	00:05:30
TN-209	WBRNEPK	13:49:00	13:58:30	1A17	00:09:30
TN-209	ABWDXR	14:29:30	14:35:00	1B38	00:05:30
TN-209	WBRNEPK	15:05:00	15:14:30	1A36	00:09:30
TN-209	ABWDXR	15:45:30	15:51:00	1B57	00:05:30
TN-209	WBRNEPK	16:21:00	16:30:30	1A55	00:09:30
TN-209	ABWDXR	17:01:30	17:07:00	1B76	00:05:30
TN-209	WBRNEPK	17:37:00	17:46:30	1A74	00:09:30
TN-209	ABWDXR	18:17:30	18:23:00	1B95	00:05:30
TN-209	WBRNEPK	18:53:00	19:02:30	1A93	00:09:30
TN-209	ABWDXR	19:33:30	19:39:00	1B14	00:05:30
TN-209	WBRNEPK	20:09:00	20:18:30	1A12	00:09:30
TN-209	ABWDXR	20:49:30	20:55:00	1B33	00:05:30
TN-209	WBRNEPK	21:25:00	21:34:30	1A31	00:09:30
TN-209	ABWDXR	22:05:30	22:11:00	1B52	00:05:30
TN-209	WBRNEPK	22:41:00	22:52:30	1A47	00:11:30
TN-209	ABWDXR	23:23:30	23:30:00	5A47	00:06:30
TN-209	OLDOXRB	00:01:30	00:01:30	5A47	00:00:00
TN-209	OLDOXRW	00:10:00	00:10:00	5A47	00:00:00
TN-209	OLDOXRD	00:13:00			

Diagram TN-210		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-210	OLDOXRD		07:16:00	5A30	
TN-210	OLDOXRW	07:19:00	07:19:00	5A30	00:00:00

TN-210	OLDOXRB	07:23:30	07:23:30 5A30	00:00:00
TN-210	WBRNEPK	07:27:30	07:28:00 1A30	00:00:30
TN-210	ABWDXR	07:58:00	08:05:00 1B51	00:07:00
TN-210	WBRNEPK	08:35:00	08:42:00 1A45	00:07:00
TN-210	ABWDXR	09:13:00	09:20:00 1B66	00:07:00
TN-210	WBRNEPK	09:50:00	09:57:00 1A60	00:07:00
TN-210	ABWDXR	10:28:00	10:35:00 1B81	00:07:00
TN-210	WBRNEPK	11:05:00	11:18:30 1A77	00:13:30
TN-210	ABWDXR	11:49:30	11:55:00 1B98	00:05:30
TN-210	WBRNEPK	12:25:00	12:34:30 1A96	00:09:30
TN-210	ABWDXR	13:05:30	13:11:00 1B17	00:05:30
TN-210	WBRNEPK	13:41:00	13:50:30 1A15	00:09:30
TN-210	ABWDXR	14:21:30	14:27:00 1B36	00:05:30
TN-210	WBRNEPK	14:57:00	15:06:30 1A34	00:09:30
TN-210	ABWDXR	15:37:30	15:43:00 1B55	00:05:30
TN-210	WBRNEPK	16:13:00	16:22:30 1A53	00:09:30
TN-210	ABWDXR	16:53:30	16:59:00 1B74	00:05:30
TN-210	WBRNEPK	17:29:00	17:38:30 1A72	00:09:30
TN-210	ABWDXR	18:09:30	18:15:00 1B93	00:05:30
TN-210	WBRNEPK	18:45:00	18:54:30 1A91	00:09:30
TN-210	ABWDXR	19:25:30	19:31:00 1B12	00:05:30
TN-210	WBRNEPK	20:01:00	20:10:30 1A10	00:09:30
TN-210	ABWDXR	20:41:30	20:47:00 1B31	00:05:30
TN-210	WBRNEPK	21:17:00	21:26:30 1A29	00:09:30
TN-210	ABWDXR	21:57:30	22:03:00 1B50	00:05:30
TN-210	WBRNEPK	22:33:00	22:42:30 1A45	00:09:30
TN-210	ABWDXR	23:13:30	23:20:00 1B66	00:06:30
TN-210	WBRNEPK	23:49:00	23:50:00 5B66	00:01:00
TN-210	OLDOXRB	23:54:00	23:54:00 5B66	00:00:00
TN-210	OLDOXRW	00:02:30	00:02:30 5B66	00:00:00
TN-210	OLDOXRD	00:05:30		

Diagram TN-211		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-211	OLDOXRD		06:27:30	5B39	
TN-211	OLDOXRW	06:30:30	06:30:30	5B39	00:00:00
TN-211	OLDOXRB	06:35:00	06:35:00	5B39	00:00:00
TN-211	ABWDXR	06:58:00	07:05:00	1B39	00:07:00
TN-211	WBRNEPK	07:35:00	07:42:00	1A33	00:07:00
TN-211	ABWDXR	08:13:00	08:20:00	1B54	00:07:00
TN-211	WBRNEPK	08:50:00	08:57:00	1A48	00:07:00
TN-211	ABWDXR	09:28:00	09:35:00	1B69	00:07:00
TN-211	WBRNEPK	10:05:00	10:12:00	1A63	00:07:00
TN-211	ABWDXR	10:43:00	10:50:00	1B84	00:07:00
TN-211	WBRNEPK	11:20:00	11:34:30	1A81	00:14:30
TN-211	ABWDXR	12:05:30	12:11:00	1B02	00:05:30

TN-211	WBRNEPK	12:41:00	12:50:30	1A00	00:09:30
TN-211	ABWDXR	13:21:30	13:27:00	1B21	00:05:30
TN-211	WBRNEPK	13:57:00	14:06:30	1A19	00:09:30
TN-211	ABWDXR	14:37:30	14:43:00	1B40	00:05:30
TN-211	WBRNEPK	15:13:00	15:22:30	1A38	00:09:30
TN-211	ABWDXR	15:53:30	15:59:00	1B59	00:05:30
TN-211	WBRNEPK	16:29:00	16:38:30	1A57	00:09:30
TN-211	ABWDXR	17:09:30	17:15:00	1B78	00:05:30
TN-211	WBRNEPK	17:45:00	17:54:30	1A76	00:09:30
TN-211	ABWDXR	18:25:30	18:31:00	1B97	00:05:30
TN-211	WBRNEPK	19:01:00	19:10:30	1A95	00:09:30
TN-211	ABWDXR	19:41:30	19:47:00	1B16	00:05:30
TN-211	WBRNEPK	20:17:00	20:26:30	1A14	00:09:30
TN-211	ABWDXR	20:57:30	21:03:00	1B35	00:05:30
TN-211	WBRNEPK	21:33:00	21:42:30	1A33	00:09:30
TN-211	ABWDXR	22:13:30	22:20:00	1B54	00:06:30
TN-211	WBRNEPK	22:50:00	23:02:30	1A49	00:12:30
TN-211	ABWDXR	23:33:30	23:40:00	5A49	00:06:30
TN-211	OLDOXRB	00:06:30	00:06:30	5A49	00:00:00
TN-211	OLDOXRW	00:15:00	00:15:00	5A49	00:00:00
TN-211	OLDOXRD	00:18:00			

Diagram TN-212		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-212	OLDOXRD		07:21:00	5A31	
TN-212	OLDOXRW	07:24:00	07:24:00	5A31	00:00:00
TN-212	OLDOXRB	07:28:30	07:28:30	5A31	00:00:00
TN-212	WBRNEPK	07:32:30	07:33:00	1A31	00:00:30
TN-212	ABWDXR	08:03:00	08:10:00	1B52	00:07:00
TN-212	WBRNEPK	08:40:00	08:47:00	1A46	00:07:00
TN-212	ABWDXR	09:18:00	09:25:00	1B67	00:07:00
TN-212	WBRNEPK	09:55:00	10:02:00	1A61	00:07:00
TN-212	ABWDXR	10:33:00	10:40:00	1B82	00:07:00
TN-212	WBRNEPK	11:10:00	11:22:30	1A78	00:12:30
TN-212	ABWDXR	11:53:30	11:59:00	1B99	00:05:30
TN-212	WBRNEPK	12:29:00	12:38:30	1A97	00:09:30
TN-212	ABWDXR	13:09:30	13:15:00	1B18	00:05:30
TN-212	WBRNEPK	13:45:00	13:54:30	1A16	00:09:30
TN-212	ABWDXR	14:25:30	14:31:00	1B37	00:05:30
TN-212	WBRNEPK	15:01:00	15:10:30	1A35	00:09:30
TN-212	ABWDXR	15:41:30	15:47:00	1B56	00:05:30
TN-212	WBRNEPK	16:17:00	16:26:30	1A54	00:09:30
TN-212	ABWDXR	16:57:30	17:03:00	1B75	00:05:30
TN-212	WBRNEPK	17:33:00	17:42:30	1A73	00:09:30
TN-212	ABWDXR	18:13:30	18:19:00	1B94	00:05:30
TN-212	WBRNEPK	18:49:00	18:58:30	1A92	00:09:30

TN-212	ABWDXR	19:29:30	19:35:00	1B13	00:05:30
TN-212	WBRNEPK	20:05:00	20:14:30	1A11	00:09:30
TN-212	ABWDXR	20:45:30	20:51:00	1B32	00:05:30
TN-212	WBRNEPK	21:21:00	21:30:30	1A30	00:09:30
TN-212	ABWDXR	22:01:30	22:07:00	1B51	00:05:30
TN-212	WBRNEPK	22:39:30	22:47:30	1A46	00:08:00
TN-212	ABWDXR	23:18:30	23:25:00	1B67	00:06:30
TN-212	WBRNEPK	23:54:00	23:55:00	5B67	00:01:00
TN-212	OLDOXRB	23:59:00	23:59:00	5B67	00:00:00
TN-212	OLDOXRW	00:07:30	00:07:30	5B67	00:00:00
TN-212	OLDOXRD	00:10:30			

Diagram TN-213		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-213	OLDOXRD		07:11:00	5A29	
TN-213	OLDOXRW	07:14:00	07:14:00	5A29	00:00:00
TN-213	OLDOXRB	07:18:30	07:18:30	5A29	00:00:00
TN-213	WBRNEPK	07:22:30	07:23:00	1A29	00:00:30
TN-213	ABWDXR	07:53:00	08:00:00	1B50	00:07:00
TN-213	WBRNEPK	08:30:00	08:37:00	1A44	00:07:00
TN-213	ABWDXR	09:08:00	09:15:00	1B65	00:07:00
TN-213	WBRNEPK	09:45:00	09:52:00	1A59	00:07:00
TN-213	ABWDXR	10:23:00	10:30:00	1B80	00:07:00
TN-213	WBRNEPK	11:00:00	11:10:30	1A75	00:10:30
TN-213	ABWDXR	11:41:30	11:47:00	1B96	00:05:30
TN-213	WBRNEPK	12:17:00	12:26:30	1A94	00:09:30
TN-213	ABWDXR	12:57:30	13:03:00	1B15	00:05:30
TN-213	WBRNEPK	13:33:00	13:42:30	1A13	00:09:30
TN-213	ABWDXR	14:13:30	14:19:00	1B34	00:05:30
TN-213	WBRNEPK	14:49:00	14:58:30	1A32	00:09:30
TN-213	ABWDXR	15:29:30	15:35:00	1B53	00:05:30
TN-213	WBRNEPK	16:05:00	16:14:30	1A51	00:09:30
TN-213	ABWDXR	16:45:30	16:51:00	1B72	00:05:30
TN-213	WBRNEPK	17:21:00	17:30:30	1A70	00:09:30
TN-213	ABWDXR	18:01:30	18:07:00	1B91	00:05:30
TN-213	WBRNEPK	18:37:00	18:46:30	1A89	00:09:30
TN-213	ABWDXR	19:17:30	19:23:00	1B10	00:05:30
TN-213	WBRNEPK	19:53:00	20:02:30	1A08	00:09:30
TN-213	ABWDXR	20:33:30	20:39:00	1B29	00:05:30
TN-213	WBRNEPK	21:09:00	21:18:30	1A27	00:09:30
TN-213	ABWDXR	21:49:30	21:55:00	1B48	00:05:30
TN-213	WBRNEPK	22:25:00	22:37:30	1A44	00:12:30
TN-213	ABWDXR	23:08:30	23:15:00	1B65	00:06:30
TN-213	WBRNEPK	23:44:00	23:45:00	5B65	00:01:00
TN-213	OLDOXRB	23:49:00	23:49:00	5B65	00:00:00
TN-213	OLDOXRW	23:57:00	23:57:00	5B65	00:00:00

TN-213 OLDOXRD 00:00:00 WASH					
Diagram TN-214			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-214	OLDOXRD		06:52:30	5B44	
TN-214	OLDOXRW	06:55:30	06:55:30	5B44	00:00:00
TN-214	OLDOXRB	07:00:00	07:00:00	5B44	00:00:00
TN-214	ABWDXR	07:23:00	07:30:00	1B44	00:07:00
TN-214	WBRNEPK	08:00:00	08:07:00	1A38	00:07:00
TN-214	ABWDXR	08:38:00	08:45:00	1B59	00:07:00
TN-214	WBRNEPK	09:15:00	09:22:00	1A53	00:07:00
TN-214	ABWDXR	09:53:00	10:00:00	1B74	00:07:00
TN-214	WBRNEPK	10:30:00	10:37:00	1A68	00:07:00
TN-214	ABWDXR	11:08:00	11:15:00	1B89	00:07:00
TN-214	WBRNEPK	11:45:00	11:54:30	1A86	00:09:30
TN-214	ABWDXR	12:25:30	12:31:00	1B07	00:05:30
TN-214	WBRNEPK	13:01:00	13:10:30	1A05	00:09:30
TN-214	ABWDXR	13:41:30	13:47:00	1B26	00:05:30
TN-214	WBRNEPK	14:17:00	14:26:30	1A24	00:09:30
TN-214	ABWDXR	14:57:30	15:03:00	1B45	00:05:30
TN-214	WBRNEPK	15:33:00	15:42:30	1A43	00:09:30
TN-214	ABWDXR	16:13:30	16:19:00	1B64	00:05:30
TN-214	WBRNEPK	16:49:00	16:58:30	1A62	00:09:30
TN-214	ABWDXR	17:29:30	17:35:00	1B83	00:05:30
TN-214	WBRNEPK	18:05:00	18:14:30	1A81	00:09:30
TN-214	ABWDXR	18:45:30	18:51:00	1B02	00:05:30
TN-214	WBRNEPK	19:21:00	19:30:30	1A00	00:09:30
TN-214	ABWDXR	20:01:30	20:07:00	1B21	00:05:30
TN-214	WBRNEPK	20:37:00	20:46:30	1A19	00:09:30
TN-214	ABWDXR	21:17:30	21:23:00	1B40	00:05:30
TN-214	WBRNEPK	21:52:00	21:53:00	5B40	00:01:00
TN-214	OLDOXRB	21:57:00	21:57:00	5B40	00:00:00
TN-214	OLDOXRW	22:04:30	22:04:30	5B40	00:00:00
TN-214	OLDOXRD	22:07:30		WASH	

Diagram TN-215			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
TN-215	OLDOXRD		06:47:30	5B43	
TN-215	OLDOXRW	06:50:30	06:50:30	5B43	00:00:00
TN-215	OLDOXRB	06:55:00	06:55:00	5B43	00:00:00
TN-215	ABWDXR	07:18:00	07:25:00	1B43	00:07:00
TN-215	WBRNEPK	07:55:00	08:02:00	1A37	00:07:00
TN-215	ABWDXR	08:33:00	08:40:00	1B58	00:07:00
TN-215	WBRNEPK	09:10:00	09:17:00	1A52	00:07:00
TN-215	ABWDXR	09:48:00	09:55:00	1B73	00:07:00
TN-215	WBRNEPK	10:25:00	10:32:00	1A67	00:07:00

TN-215	ABWDXR	11:03:00	11:10:00	1B88	00:07:00
TN-215	WBRNEPK	11:41:00	11:50:30	1A85	00:09:30
TN-215	ABWDXR	12:21:30	12:27:00	1B06	00:05:30
TN-215	WBRNEPK	12:57:00	13:06:30	1A04	00:09:30
TN-215	ABWDXR	13:37:30	13:43:00	1B25	00:05:30
TN-215	WBRNEPK	14:13:00	14:22:30	1A23	00:09:30
TN-215	ABWDXR	14:53:30	14:59:00	1B44	00:05:30
TN-215	WBRNEPK	15:29:00	15:38:30	1A42	00:09:30
TN-215	ABWDXR	16:09:30	16:15:00	1B63	00:05:30
TN-215	WBRNEPK	16:45:00	16:54:30	1A61	00:09:30
TN-215	ABWDXR	17:25:30	17:31:00	1B82	00:05:30
TN-215	WBRNEPK	18:01:00	18:10:30	1A80	00:09:30
TN-215	ABWDXR	18:41:30	18:47:00	1B01	00:05:30
TN-215	WBRNEPK	19:17:00	19:26:30	1A99	00:09:30
TN-215	ABWDXR	19:57:30	20:03:00	1B20	00:05:30
TN-215	WBRNEPK	20:33:00	20:42:30	1A18	00:09:30
TN-215	ABWDXR	21:13:30	21:19:00	1B39	00:05:30
TN-215	WBRNEPK	21:50:00	22:02:30	1A37	00:12:30
TN-215	ABWDXR	22:33:30	22:40:00	1B58	00:06:30
TN-215	WBRNEPK	23:09:00	23:10:00	5B58	00:01:00
TN-215	OLDOXRB	23:14:00	23:14:00	5B58	00:00:00
TN-215	OLDOXRW	23:21:30	23:21:30	5B58	00:00:00
TN-215	OLDOXRD	23:24:30		WASH	

Diagram TN-216		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-216	OLDOXRD		06:37:30	5B41	
TN-216	OLDOXRW	06:40:30	06:40:30	5B41	00:00:00
TN-216	OLDOXRB	06:45:00	06:45:00	5B41	00:00:00
TN-216	ABWDXR	07:08:00	07:15:00	1B41	00:07:00
TN-216	WBRNEPK	07:45:00	07:52:00	1A35	00:07:00
TN-216	ABWDXR	08:23:00	08:30:00	1B56	00:07:00
TN-216	WBRNEPK	09:00:00	09:07:00	1A50	00:07:00
TN-216	ABWDXR	09:38:00	09:45:00	1B71	00:07:00
TN-216	WBRNEPK	10:15:00	10:22:00	1A65	00:07:00
TN-216	ABWDXR	10:53:00	11:00:00	1B86	00:07:00
TN-216	WBRNEPK	11:30:00	11:42:30	1A83	00:12:30
TN-216	ABWDXR	12:13:30	12:19:00	1B04	00:05:30
TN-216	WBRNEPK	12:49:00	12:58:30	1A02	00:09:30
TN-216	ABWDXR	13:29:30	13:35:00	1B23	00:05:30
TN-216	WBRNEPK	14:05:00	14:14:30	1A21	00:09:30
TN-216	ABWDXR	14:45:30	14:51:00	1B42	00:05:30
TN-216	WBRNEPK	15:21:00	15:30:30	1A40	00:09:30
TN-216	ABWDXR	16:01:30	16:07:00	1B61	00:05:30
TN-216	WBRNEPK	16:37:00	16:46:30	1A59	00:09:30
TN-216	ABWDXR	17:17:30	17:23:00	1B80	00:05:30



TN-216	WBRNEPK	17:53:00	18:02:30 1A78	00:09:30
TN-216	ABWDXR	18:33:30	18:39:00 1B99	00:05:30
TN-216	WBRNEPK	19:09:00	19:18:30 1A97	00:09:30
TN-216	ABWDXR	19:49:30	19:55:00 1B18	00:05:30
TN-216	WBRNEPK	20:25:00	20:34:30 1A16	00:09:30
TN-216	ABWDXR	21:05:30	21:11:00 1B37	00:05:30
TN-216	WBRNEPK	21:41:00	21:52:30 1A35	00:11:30
TN-216	ABWDXR	22:23:30	22:30:00 1B56	00:06:30
TN-216	WBRNEPK	23:00:00	23:12:30 1A51	00:12:30
TN-216	ABWDXR	23:43:30	23:50:00 5A51	00:06:30
TN-216	OLDOXRB	00:12:30	00:12:30 5A51	00:00:00
TN-216	OLDOXRW	00:22:30	00:22:30 5A51	00:00:00
TN-216	OLDOXRD	00:25:30	WASH	

Diagram TN-217		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-217	OLDOXRD		06:32:30	5B40	
TN-217	OLDOXRW	06:35:30	06:35:30	5B40	00:00:00
TN-217	OLDOXRB	06:40:00	06:40:00	5B40	00:00:00
TN-217	ABWDXR	07:03:00	07:10:00	1B40	00:07:00
TN-217	WBRNEPK	07:40:00	07:47:00	1A34	00:07:00
TN-217	ABWDXR	08:18:00	08:25:00	1B55	00:07:00
TN-217	WBRNEPK	08:55:00	09:02:00	1A49	00:07:00
TN-217	ABWDXR	09:33:00	09:40:00	1B70	00:07:00
TN-217	WBRNEPK	10:10:00	10:17:00	1A64	00:07:00
TN-217	ABWDXR	10:48:00	10:55:00	1B85	00:07:00
TN-217	WBRNEPK	11:25:00	11:38:30	1A82	00:13:30
TN-217	ABWDXR	12:09:30	12:15:00	1B03	00:05:30
TN-217	WBRNEPK	12:45:00	12:54:30	1A01	00:09:30
TN-217	ABWDXR	13:25:30	13:31:00	1B22	00:05:30
TN-217	WBRNEPK	14:01:00	14:10:30	1A20	00:09:30
TN-217	ABWDXR	14:41:30	14:47:00	1B41	00:05:30
TN-217	WBRNEPK	15:17:00	15:26:30	1A39	00:09:30
TN-217	ABWDXR	15:57:30	16:03:00	1B60	00:05:30
TN-217	WBRNEPK	16:33:00	16:42:30	1A58	00:09:30
TN-217	ABWDXR	17:13:30	17:19:00	1B79	00:05:30
TN-217	WBRNEPK	17:49:00	17:58:30	1A77	00:09:30
TN-217	ABWDXR	18:29:30	18:35:00	1B98	00:05:30
TN-217	WBRNEPK	19:05:00	19:14:30	1A96	00:09:30
TN-217	ABWDXR	19:45:30	19:51:00	1B17	00:05:30
TN-217	WBRNEPK	20:21:00	20:30:30	1A15	00:09:30
TN-217	ABWDXR	21:01:30	21:07:00	1B36	00:05:30
TN-217	WBRNEPK	21:37:00	21:47:30	1A34	00:10:30
TN-217	ABWDXR	22:18:30	22:25:00	1B55	00:06:30
TN-217	WBRNEPK	22:55:00	23:07:30	1A50	00:12:30
TN-217	ABWDXR	23:38:30	23:45:00	5A50	00:06:30



TN-217	OLDOXRB	00:09:00	00:09:00 5A50	00:00:00
TN-217	OLDOXRW	00:17:30	00:17:30 5A50	00:00:00
TN-217	OLDOXRD	00:20:30		

Diagram TN-218		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-218	OLDOXRD		06:42:30	5B42	
TN-218	OLDOXRW	06:45:30	06:45:30	5B42	00:00:00
TN-218	OLDOXRB	06:50:00	06:50:00	5B42	00:00:00
TN-218	ABWDXR	07:13:00	07:20:00	1B42	00:07:00
TN-218	WBRNEPK	07:50:00	07:57:00	1A36	00:07:00
TN-218	ABWDXR	08:28:00	08:35:00	1B57	00:07:00
TN-218	WBRNEPK	09:05:00	09:12:00	1A51	00:07:00
TN-218	ABWDXR	09:43:00	09:50:00	1B72	00:07:00
TN-218	WBRNEPK	10:20:00	10:27:00	1A66	00:07:00
TN-218	ABWDXR	10:58:00	11:05:00	1B87	00:07:00
TN-218	WBRNEPK	11:37:00	11:46:30	1A84	00:09:30
TN-218	ABWDXR	12:17:30	12:23:00	1B05	00:05:30
TN-218	WBRNEPK	12:53:00	13:02:30	1A03	00:09:30
TN-218	ABWDXR	13:33:30	13:39:00	1B24	00:05:30
TN-218	WBRNEPK	14:09:00	14:18:30	1A22	00:09:30
TN-218	ABWDXR	14:49:30	14:55:00	1B43	00:05:30
TN-218	WBRNEPK	15:25:00	15:34:30	1A41	00:09:30
TN-218	ABWDXR	16:05:30	16:11:00	1B62	00:05:30
TN-218	WBRNEPK	16:41:00	16:50:30	1A60	00:09:30
TN-218	ABWDXR	17:21:30	17:27:00	1B81	00:05:30
TN-218	WBRNEPK	17:57:00	18:06:30	1A79	00:09:30
TN-218	ABWDXR	18:37:30	18:43:00	1B00	00:05:30
TN-218	WBRNEPK	19:13:00	19:22:30	1A98	00:09:30
TN-218	ABWDXR	19:53:30	19:59:00	1B19	00:05:30
TN-218	WBRNEPK	20:29:00	20:38:30	1A17	00:09:30
TN-218	ABWDXR	21:09:30	21:15:00	1B38	00:05:30
TN-218	WBRNEPK	21:45:00	21:57:30	1A36	00:12:30
TN-218	ABWDXR	22:28:30	22:35:00	1B57	00:06:30
TN-218	WBRNEPK	23:05:00	23:17:30	1A52	00:12:30
TN-218	ABWDXR	23:48:30	23:55:00	5A52	00:06:30
TN-218	OLDOXRB	00:17:30	00:17:30	5A52	00:00:00
TN-218	OLDOXRW	00:25:00	00:25:00	5A52	00:00:00
TN-218	OLDOXRD	00:28:00		WASH	

Diagram TN-219		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
TN-219	OLDOXRD		07:06:00	5A28	
TN-219	OLDOXRW	07:09:00	07:09:00	5A28	00:00:00
TN-219	OLDOXRB	07:13:30	07:13:30	5A28	00:00:00
TN-219	WBRNEPK	07:17:30	07:18:00	1A28	00:00:30

TN-219	ABWDXR	07:48:00	07:55:00	1B49	00:07:00
TN-219	WBRNEPK	08:25:00	08:32:00	1A43	00:07:00
TN-219	ABWDXR	09:03:00	09:10:00	1B64	00:07:00
TN-219	WBRNEPK	09:40:00	09:47:00	1A58	00:07:00
TN-219	ABWDXR	10:18:00	10:25:00	1B79	00:07:00
TN-219	WBRNEPK	10:55:00	11:06:30	1A74	00:11:30
TN-219	ABWDXR	11:37:30	11:43:00	1B95	00:05:30
TN-219	WBRNEPK	12:13:00	12:22:30	1A93	00:09:30
TN-219	ABWDXR	12:53:30	12:59:00	1B14	00:05:30
TN-219	WBRNEPK	13:29:00	13:38:30	1A12	00:09:30
TN-219	ABWDXR	14:09:30	14:15:00	1B33	00:05:30
TN-219	WBRNEPK	14:45:00	14:54:30	1A31	00:09:30
TN-219	ABWDXR	15:25:30	15:31:00	1B52	00:05:30
TN-219	WBRNEPK	16:01:00	16:10:30	1A50	00:09:30
TN-219	ABWDXR	16:41:30	16:47:00	1B71	00:05:30
TN-219	WBRNEPK	17:17:00	17:26:30	1A69	00:09:30
TN-219	ABWDXR	17:57:30	18:03:00	1B90	00:05:30
TN-219	WBRNEPK	18:33:00	18:42:30	1A88	00:09:30
TN-219	ABWDXR	19:13:30	19:19:00	1B09	00:05:30
TN-219	WBRNEPK	19:49:00	19:58:30	1A07	00:09:30
TN-219	ABWDXR	20:29:30	20:35:00	1B28	00:05:30
TN-219	WBRNEPK	21:05:00	21:14:30	1A26	00:09:30
TN-219	ABWDXR	21:45:30	21:51:00	1B47	00:05:30
TN-219	WBRNEPK	22:21:00	22:32:30	1A43	00:11:30
TN-219	ABWDXR	23:03:30	23:10:00	1B64	00:06:30
TN-219	WBRNEPK	23:39:00	23:40:00	5B64	00:01:00
TN-219	OLDOXRB	23:44:00	23:44:00	5B64	00:00:00
TN-219	OLDOXRW	23:54:30	23:54:30	5B64	00:00:00
TN-219	OLDOXRD	23:57:30		WASH	

	Diagram DR-301		Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
DR-301	OLDOXRD		10:56:30	5L06	
DR-301	OLDOXRW	10:59:30	10:59:30	5L06	00:00:00
DR-301	OLDOXRB	11:04:00	11:04:00	5L06	00:00:00
DR-301	CHDWHTT	11:42:00	11:57:30	5L09	00:15:30
DR-301	OLDOXRB	12:38:30	12:38:30	5L09	00:00:00
DR-301	OLDOXRW	12:43:00	12:43:00	5L09	00:00:00
DR-301	OLDOXRD	12:46:00	13:24:30	5L16	00:38:30
DR-301	OLDOXRW	13:27:30	13:27:30	5L16	00:00:00
DR-301	OLDOXRB	13:32:00	13:32:00	5L16	00:00:00
DR-301	CHDWHTT	14:12:00	14:27:30	5L19	00:15:30
DR-301	OLDOXRB	15:10:30	15:10:30	5L19	00:00:00
DR-301	OLDOXRW	15:15:00	15:15:00	5L19	00:00:00
DR-301	OLDOXRD	15:18:00	15:56:30	5L26	00:38:30
DR-301	OLDOXRW	15:59:30	15:59:30	5L26	00:00:00

DR-301	OLDOXRB	16:04:00	16:04:00	5L26	00:00:00
DR-301	CHDWHTT	16:42:00	16:57:30	5L29	00:15:30
DR-301	OLDOXRB	17:38:30	17:38:30	5L29	00:00:00
DR-301	OLDOXRW	17:43:00	17:43:00	5L29	00:00:00
DR-301	OLDOXRD	17:46:00	18:24:30	5L36	00:38:30
DR-301	OLDOXRW	18:27:30	18:27:30	5L36	00:00:00
DR-301	OLDOXRB	18:32:00	18:32:00	5L36	00:00:00
DR-301	CHDWHTT	19:12:00	19:27:30	5L39	00:15:30
DR-301	OLDOXRB	20:10:30	20:10:30	5L39	00:00:00
DR-301	OLDOXRW	20:15:00	20:15:00	5L39	00:00:00
DR-301	OLDOXRD	20:18:00		WASH	

Diagram DR-302		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
DR-302	OLDOXRD		09:58:00	5L02	
DR-302	OLDOXRW	10:01:00	10:01:00	5L02	00:00:00
DR-302	OLDOXRB	10:05:30	10:05:30	5L02	00:00:00
DR-302	CHDWHTT	10:42:00	10:57:30	5L05	00:15:30
DR-302	OLDOXRB	11:39:30	11:39:30	5L05	00:00:00
DR-302	OLDOXRW	11:44:00	11:44:00	5L05	00:00:00
DR-302	OLDOXRD	11:47:00	12:24:30	5L12	00:37:30
DR-302	OLDOXRW	12:27:30	12:27:30	5L12	00:00:00
DR-302	OLDOXRB	12:32:00	12:32:00	5L12	00:00:00
DR-302	CHDWHTT	13:12:00	13:27:30	5L15	00:15:30
DR-302	OLDOXRB	14:10:30	14:10:30	5L15	00:00:00
DR-302	OLDOXRW	14:15:00	14:15:00	5L15	00:00:00
DR-302	OLDOXRD	14:18:00	14:56:30	5L22	00:38:30
DR-302	OLDOXRW	14:59:30	14:59:30	5L22	00:00:00
DR-302	OLDOXRB	15:04:00	15:04:00	5L22	00:00:00
DR-302	CHDWHTT	15:42:00	15:57:30	5L25	00:15:30
DR-302	OLDOXRB	16:38:30	16:38:30	5L25	00:00:00
DR-302	OLDOXRW	16:43:00	16:43:00	5L25	00:00:00
DR-302	OLDOXRD	16:46:00	17:24:30	5L32	00:38:30
DR-302	OLDOXRW	17:27:30	17:27:30	5L32	00:00:00
DR-302	OLDOXRB	17:32:00	17:32:00	5L32	00:00:00
DR-302	CHDWHTT	18:12:00	18:27:30	5L35	00:15:30
DR-302	OLDOXRB	19:10:30	19:10:30	5L35	00:00:00
DR-302	OLDOXRW	19:15:00	19:15:00	5L35	00:00:00
DR-302	OLDOXRD	19:18:00	19:56:30	5L42	00:38:30
DR-302	OLDOXRW	19:59:30	19:59:30	5L42	00:00:00
DR-302	OLDOXRB	20:04:00	20:04:00	5L42	00:00:00
DR-302	CHDWHTT	20:42:00	20:57:30	5L45	00:15:30
DR-302	OLDOXRB	21:38:30	21:38:30	5L45	00:00:00
DR-302	OLDOXRW	21:43:00	21:43:00	5L45	00:00:00
DR-302	OLDOXRD	21:46:00		WASH	

Diagram DR-303			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
DR-303	OLDOXRD		08:58:00	5L98	
DR-303	OLDOXRW	09:01:00	09:01:00	5L98	00:00:00
DR-303	OLDOXRB	09:05:30	09:05:30	5L98	00:00:00
DR-303	CHDWHTT	09:42:00	09:57:30	5L01	00:15:30
DR-303	OLDOXRB	10:36:30	10:36:30	5L01	00:00:00
DR-303	OLDOXRW	10:41:00	10:41:00	5L01	00:00:00
DR-303	OLDOXRD	10:44:00	11:24:30	5L08	00:40:30
DR-303	OLDOXRW	11:27:30	11:27:30	5L08	00:00:00
DR-303	OLDOXRB	11:32:00	11:32:00	5L08	00:00:00
DR-303	CHDWHTT	12:12:00	12:27:30	5L11	00:15:30
DR-303	OLDOXRB	13:10:30	13:10:30	5L11	00:00:00
DR-303	OLDOXRW	13:15:00	13:15:00	5L11	00:00:00
DR-303	OLDOXRD	13:18:00	13:56:30	5L18	00:38:30
DR-303	OLDOXRW	13:59:30	13:59:30	5L18	00:00:00
DR-303	OLDOXRB	14:04:00	14:04:00	5L18	00:00:00
DR-303	CHDWHTT	14:42:00	14:57:30	5L21	00:15:30
DR-303	OLDOXRB	15:38:30	15:38:30	5L21	00:00:00
DR-303	OLDOXRW	15:43:00	15:43:00	5L21	00:00:00
DR-303	OLDOXRD	15:46:00	16:24:30	5L28	00:38:30
DR-303	OLDOXRW	16:27:30	16:27:30	5L28	00:00:00
DR-303	OLDOXRB	16:32:00	16:32:00	5L28	00:00:00
DR-303	CHDWHTT	17:12:00	17:27:30	5L31	00:15:30
DR-303	OLDOXRB	18:10:30	18:10:30	5L31	00:00:00
DR-303	OLDOXRW	18:15:00	18:15:00	5L31	00:00:00
DR-303	OLDOXRD	18:18:00	18:56:30	5L38	00:38:30
DR-303	OLDOXRW	18:59:30	18:59:30	5L38	00:00:00
DR-303	OLDOXRB	19:04:00	19:04:00	5L38	00:00:00
DR-303	CHDWHTT	19:42:00	19:57:30	5L41	00:15:30
DR-303	OLDOXRB	20:38:30	20:38:30	5L41	00:00:00
DR-303	OLDOXRW	20:43:00	20:43:00	5L41	00:00:00
DR-303	OLDOXRD	20:46:00		WASH	

Diagram DR-304			Traction: 345-200		
Diagram	Location	Arr	Dep	ID	T/A
DR-304	OLDOXRD		09:28:00	5L00	
DR-304	OLDOXRW	09:31:00	09:31:00	5L00	00:00:00
DR-304	OLDOXRB	09:35:30	09:35:30	5L00	00:00:00
DR-304	CHDWHTT	10:12:00	10:27:30	5L03	00:15:30
DR-304	OLDOXRB	11:10:30	11:10:30	5L03	00:00:00
DR-304	OLDOXRW	11:15:00	11:15:00	5L03	00:00:00
DR-304	OLDOXRD	11:18:00	11:56:30	5L10	00:38:30
DR-304	OLDOXRW	11:59:30	11:59:30	5L10	00:00:00
DR-304	OLDOXRB	12:04:00	12:04:00	5L10	00:00:00
DR-304	CHDWHTT	12:42:00	12:57:30	5L13	00:15:30



DR-304	OLDOXRB	13:38:30	13:38:30 5L13	00:00:00
DR-304	OLDOXRW	13:43:00	13:43:00 5L13	00:00:00
DR-304	OLDOXRD	13:46:00	14:24:30 5L20	00:38:30
DR-304	OLDOXRW	14:27:30	14:27:30 5L20	00:00:00
DR-304	OLDOXRB	14:32:00	14:32:00 5L20	00:00:00
DR-304	CHDWHTT	15:12:00	15:27:30 5L23	00:15:30
DR-304	OLDOXRB	16:10:30	16:10:30 5L23	00:00:00
DR-304	OLDOXRW	16:15:00	16:15:00 5L23	00:00:00
DR-304	OLDOXRD	16:18:00	16:56:30 5L30	00:38:30
DR-304	OLDOXRW	16:59:30	16:59:30 5L30	00:00:00
DR-304	OLDOXRB	17:04:00	17:04:00 5L30	00:00:00
DR-304	CHDWHTT	17:42:00	17:57:30 5L33	00:15:30
DR-304	OLDOXRB	18:38:30	18:38:30 5L33	00:00:00
DR-304	OLDOXRW	18:43:00	18:43:00 5L33	00:00:00
DR-304	OLDOXRD	18:46:00	19:24:30 5L40	00:38:30
DR-304	OLDOXRW	19:27:30	19:27:30 5L40	00:00:00
DR-304	OLDOXRB	19:32:00	19:32:00 5L40	00:00:00
DR-304	CHDWHTT	20:12:00	20:27:30 5L43	00:15:30
DR-304	OLDOXRB	21:10:30	21:10:30 5L43	00:00:00
DR-304	OLDOXRW	21:15:00	21:15:00 5L43	00:00:00
DR-304	OLDOXRD	21:18:00	WASH	

Diagram DR-305		Traction: 345-200			
Diagram	Location	Arr	Dep	ID	T/A
DR-305	OLDOXRD		10:28:00	5L04	
DR-305	OLDOXRW	10:31:00	10:31:00	5L04	00:00:00
DR-305	OLDOXRB	10:35:30	10:35:30	5L04	00:00:00
DR-305	CHDWHTT	11:12:00	11:27:30	5L07	00:15:30
DR-305	OLDOXRB	12:10:30	12:10:30	5L07	00:00:00
DR-305	OLDOXRW	12:15:00	12:15:00	5L07	00:00:00
DR-305	OLDOXRD	12:18:00	12:56:30	5L14	00:38:30
DR-305	OLDOXRW	12:59:30	12:59:30	5L14	00:00:00
DR-305	OLDOXRB	13:04:00	13:04:00	5L14	00:00:00
DR-305	CHDWHTT	13:42:00	13:57:30	5L17	00:15:30
DR-305	OLDOXRB	14:38:30	14:38:30	5L17	00:00:00
DR-305	OLDOXRW	14:43:00	14:43:00	5L17	00:00:00
DR-305	OLDOXRD	14:46:00	15:24:30	5L24	00:38:30
DR-305	OLDOXRW	15:27:30	15:27:30	5L24	00:00:00
DR-305	OLDOXRB	15:32:00	15:32:00	5L24	00:00:00
DR-305	CHDWHTT	16:12:00	16:27:30	5L27	00:15:30
DR-305	OLDOXRB	17:10:30	17:10:30	5L27	00:00:00
DR-305	OLDOXRW	17:15:00	17:15:00	5L27	00:00:00
DR-305	OLDOXRD	17:18:00	17:56:30	5L34	00:38:30
DR-305	OLDOXRW	17:59:30	17:59:30	5L34	00:00:00
DR-305	OLDOXRB	18:04:00	18:04:00	5L34	00:00:00
DR-305	CHDWHTT	18:42:00	18:57:30	5L37	00:15:30

DR-305	OLDOXRB	19:38:30	19:38:30	5L37	00:00:00
DR-305	OLDOXRW	19:43:00	19:43:00	5L37	00:00:00
DR-305	OLDOXRD	19:46:00	20:24:30	5L44	00:38:30
DR-305	OLDOXRW	20:27:30	20:27:30	5L44	00:00:00
DR-305	OLDOXRB	20:32:00	20:32:00	5L44	00:00:00
DR-305	CHDWHTT	21:12:00	21:27:30	5L47	00:15:30
DR-305	OLDOXRB	22:10:30	22:10:30	5L47	00:00:00
DR-305	OLDOXRW	22:15:00	22:15:00	5L47	00:00:00
DR-305	OLDOXRD	22:18:00		WASH	

	Diagram OC501		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

	Diagram OC502		Traction: 345	
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS		06:30:00	
	ABWHDSH	07:02:00	23:51:00	
	OLDOCCS	00:28:00		

**Part 4 – Stage 4 Crossrail Services****Stage 4 SX**

Diagram CT-101		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-101	GIDEPKS		05:15:30	5B13	
CT-101	SHENFLD	05:25:00	05:32:00	2B13	00:07:00
CT-101	PADTONX	06:22:30	06:23:30	5B13	00:01:00
CT-101	WSTBRNP	06:25:30	06:33:00	5B10	00:07:30
CT-101	PADTONX	06:35:00	06:36:00	2B10	00:01:00
CT-101	ILFORD	07:02:30	07:03:00	2B10	00:00:30
CT-101	SHENFLD	07:26:30	07:33:30	2W33	00:07:00
CT-101	PADTONX	08:24:00	08:25:00	5W33	00:01:00
CT-101	WSTBRNP	08:27:00	08:34:00	5B26	00:07:00
CT-101	PADTONX	08:36:00	08:37:00	2B26	00:01:00
CT-101	ABWD	09:05:00	09:12:30	2A43	00:07:30
CT-101	PADTONX	09:40:00	09:41:00	5A43	00:01:00
CT-101	WSTBRNP	09:43:00	09:48:30	5B36	00:05:30
CT-101	PADTONX	09:50:30	09:51:30	2B36	00:01:00
CT-101	ILFORD	10:18:00	10:18:30	2B36	00:00:30
CT-101	SHENFLD	10:42:30	10:54:30	2W53	00:12:00
CT-101	PADTONX	11:45:00	11:46:00	5W53	00:01:00
CT-101	WSTBRNP	11:48:00	11:55:30	5W56	00:07:30
CT-101	PADTONX	11:57:30	11:58:30	2W56	00:01:00
CT-101	ILFORD	12:25:00	12:25:30	2W56	00:00:30
CT-101	SHENFLD	12:50:00	13:02:00	2B51	00:12:00
CT-101	PADTONX	13:52:30	13:53:30	5B51	00:01:00
CT-101	WSTBRNP	13:55:30	14:03:00	5B52	00:07:30
CT-101	PADTONX	14:05:00	14:06:00	2B52	00:01:00
CT-101	ILFORD	14:32:30	14:33:00	2B52	00:00:30
CT-101	SHENFLD	14:57:30	15:09:30	2W87	00:12:00
CT-101	PADTONX	16:00:00	16:01:00	5D87	00:01:00
CT-101	WSTBRNP	16:02:00	16:02:00	5D87	00:00:00
CT-101	OLDOXRB	16:06:30	16:06:30	5D87	00:00:00
CT-101	OLDOXRW	16:14:00	16:14:00	5D87	00:00:00
CT-101	OLDOXRD	16:17:00	16:46:00	5W04	00:29:00
CT-101	OLDOXRW	16:49:00	16:49:00	5W04	00:00:00
CT-101	OLDOXRB	16:53:30	16:53:30	5W04	00:00:00
CT-101	WSTBRNP	16:57:30	16:57:30	5W04	00:00:00
CT-101	PADTONX	16:58:30	16:59:30	2W04	00:01:00
CT-101	ILFORD	17:26:00	17:26:30	2W04	00:00:30
CT-101	SHENFLD	17:49:30	17:58:30	2W39	00:09:00
CT-101	PADTONX	18:49:00	18:50:00	5W39	00:01:00
CT-101	WSTBRNP	18:52:00	18:59:00	5A02	00:07:00
CT-101	PADTONX	19:01:00	19:02:00	2A02	00:01:00
CT-101	ABWD	19:32:00	19:44:00	2A11	00:12:00

CT-101	PADTONX	20:11:30	20:12:30	5A11	00:01:00
CT-101	WSTBRNP	20:14:30	20:21:30	5T14	00:07:00
CT-101	PADTONX	20:23:30	20:24:30	2T14	00:01:00
CT-101	ABWD	20:52:30	21:06:30	2T11	00:14:00
CT-101	PADTONX	21:34:00	21:35:00	5D11	00:01:00
CT-101	WSTBRNP	21:36:00	21:36:00	5D11	00:00:00
CT-101	OLDOXRB	21:40:30	21:40:30	5D11	00:00:00
CT-101	OLDOXRW	21:48:00	21:48:00	5D11	00:00:00
CT-101	OLDOXRD	21:51:00			

Diagram CT-102		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-102	ILFEMUD		06:14:00	5W17	
CT-102	SHENFDS	06:41:30	06:55:30	5W17	00:14:00
CT-102	SHENFLD	06:57:30	06:58:30	2W19	00:01:00
CT-102	PADTONX	07:49:00	07:50:00	5W19	00:01:00
CT-102	WSTBRNP	07:52:00	07:59:00	5A26	00:07:00
CT-102	PADTONX	08:01:00	08:02:00	2A26	00:01:00
CT-102	ABWD	08:32:00	08:39:00	2B35	00:07:00
CT-102	PADTONX	09:06:30	09:07:30	5B35	00:01:00
CT-102	WSTBRNP	09:09:30	09:15:30	5A36	00:06:00
CT-102	PADTONX	09:17:30	09:18:30	2A36	00:01:00
CT-102	ABWD	09:47:00	09:58:30	2A33	00:11:30
CT-102	PADTONX	10:26:30	10:27:30	5A33	00:01:00
CT-102	WSTBRNP	10:29:30	10:36:30	5T30	00:07:00
CT-102	PADTONX	10:38:30	10:39:30	2T30	00:01:00
CT-102	ABWD	11:09:30	11:21:30	2T39	00:12:00
CT-102	PADTONX	11:49:00	11:50:00	5T39	00:01:00
CT-102	WSTBRNP	11:52:00	11:59:00	5A46	00:07:00
CT-102	PADTONX	12:01:00	12:02:00	2A46	00:01:00
CT-102	ABWD	12:32:00	12:44:00	2A55	00:12:00
CT-102	PADTONX	13:11:30	13:12:30	5D55	00:01:00
CT-102	WSTBRNP	13:13:30	13:13:30	5D55	00:00:00
CT-102	OLDOXRB	13:18:00	13:18:00	5D55	00:00:00
CT-102	OLDOXRW	13:25:30	13:25:30	5D55	00:00:00
CT-102	OLDOXRD	13:28:30	14:00:00	5W74	00:31:30
CT-102	OLDOXRW	14:03:00	14:03:00	5W74	00:00:00
CT-102	OLDOXRB	14:07:30	14:07:30	5W74	00:00:00
CT-102	WSTBRNP	14:11:30	14:11:30	5W74	00:00:00
CT-102	PADTONX	14:12:30	14:13:30	2W74	00:01:00
CT-102	ILFORD	14:40:00	14:40:30	2W74	00:00:30
CT-102	SHENFLD	15:05:00	15:16:30	2B69	00:11:30
CT-102	PADTONX	16:07:00	16:08:00	5B69	00:01:00
CT-102	WSTBRNP	16:10:00	16:15:30	5A80	00:05:30
CT-102	PADTONX	16:17:30	16:18:30	2A80	00:01:00
CT-102	ABWD	16:47:00	16:54:00	2B81	00:07:00



CT-102	PADTONX	17:21:30	17:22:30	5B81	00:01:00
CT-102	WSTBRNP	17:24:30	17:31:30	5W18	00:07:00
CT-102	PADTONX	17:33:30	17:34:30	2W18	00:01:00
CT-102	ILFORD	18:01:00	18:01:30	2W18	00:00:30
CT-102	SHENFLD	18:27:30	18:28:30	5W18	00:01:00
CT-102	SHENFDS	18:30:30	18:40:30	5W18	00:10:00
CT-102	GIDEPKS	18:54:30			

Diagram CT-103		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-103	ILFEMUD		06:18:30	5W21	
CT-103	SHENFDS	06:45:30	07:00:30	5W21	00:15:00
CT-103	SHENFLD	07:02:30	07:03:30	2W21	00:01:00
CT-103	PADTONX	07:54:00	07:55:00	5W21	00:01:00
CT-103	WSTBRNP	07:57:00	08:04:00	5B22	00:07:00
CT-103	PADTONX	08:06:00	08:07:00	2B22	00:01:00
CT-103	ABWD	08:37:00	08:44:00	2A39	00:07:00
CT-103	PADTONX	09:11:30	09:12:30	5A39	00:01:00
CT-103	WSTBRNP	09:14:30	09:21:30	5T34	00:07:00
CT-103	PADTONX	09:23:30	09:24:30	2T34	00:01:00
CT-103	WOLWCHX	09:49:00	09:50:00	5T34	00:01:00
CT-103	PLUMSDG	10:01:30	17:00:30	5B83	06:59:00
CT-103	WOLWCHX	17:12:00	17:12:30	2B83	00:00:30
CT-103	PADTONX	17:36:30	17:37:30	5B83	00:01:00
CT-103	WSTBRNP	17:39:30	17:46:30	5W24	00:07:00
CT-103	PADTONX	17:48:30	17:49:30	2W24	00:01:00
CT-103	ILFORD	18:16:00	18:16:30	2W24	00:00:30
CT-103	SHENFLD	18:39:00	18:47:00	2B99	00:08:00
CT-103	PADTONX	19:37:30	19:38:30	5B99	00:01:00
CT-103	WSTBRNP	19:40:30	19:48:00	5B98	00:07:30
CT-103	PADTONX	19:50:00	19:51:00	2B98	00:01:00
CT-103	ILFORD	20:17:30	20:18:00	2B98	00:00:30
CT-103	SHENFLD	20:42:30	20:54:30	2W63	00:12:00
CT-103	PADTONX	21:45:00	21:46:00	5D63	00:01:00
CT-103	WSTBRNP	21:47:00	21:47:00	5D63	00:00:00
CT-103	OLDOXRB	21:51:30	21:51:30	5D63	00:00:00
CT-103	OLDOXRW	21:59:00	21:59:00	5D63	00:00:00
CT-103	OLDOXRD	22:02:00			

Diagram CT-104		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-104	SHENFDS		07:20:30	5W29	
CT-104	SHENFLD	07:22:30	07:23:30	2W29	00:01:00
CT-104	PADTONX	08:14:00	08:15:00	5W29	00:01:00
CT-104	WSTBRNP	08:17:00	08:24:00	5T26	00:07:00
CT-104	PADTONX	08:26:00	08:27:00	2T26	00:01:00

CT-104	WOLWCHX	08:51:30	08:52:30	5T26	00:01:00
CT-104	PLUMSDG	09:04:00	16:10:00	5S53	07:06:00
CT-104	WOLWCHX	16:21:30	16:22:00	2S53	00:00:30
CT-104	PADTONX	16:46:00	16:47:00	5S53	00:01:00
CT-104	WSTBRNP	16:49:00	16:54:00	5T84	00:05:00
CT-104	PADTONX	16:56:00	16:57:00	2T84	00:01:00
CT-104	ABWD	17:27:00	17:34:00	2T83	00:07:00
CT-104	PADTONX	18:01:30	18:02:30	5D83	00:01:00
CT-104	WSTBRNP	18:03:30	18:03:30	5D83	00:00:00
CT-104	OLDOXRB	18:08:00	18:08:00	5D83	00:00:00
CT-104	OLDOXRW	18:15:30	18:15:30	5D83	00:00:00
CT-104	OLDOXRD	18:18:30			

Diagram CT-105		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-105	ILFEMUD		05:12:00	5W05	
CT-105	SHENFLD	05:30:30	05:39:30	2W05	00:09:00
CT-105	PADTONX	06:30:00	06:31:00	5W05	00:01:00
CT-105	WSTBRNP	06:33:00	06:40:30	5W12	00:07:30
CT-105	PADTONX	06:42:30	06:43:30	2W12	00:01:00
CT-105	ILFORD	07:10:00	07:10:30	2W12	00:00:30
CT-105	SHENFLD	07:33:00	07:38:30	2W35	00:05:30
CT-105	PADTONX	08:29:00	08:30:00	5D35	00:01:00
CT-105	WSTBRNP	08:31:00	08:31:00	5D35	00:00:00
CT-105	OLDOXRB	08:35:30	08:35:30	5D35	00:00:00
CT-105	OLDOXRW	08:43:00	08:43:00	5D35	00:00:00
CT-105	OLDOXRD	08:46:00	09:23:00	5B34	00:37:00
CT-105	OLDOXRW	09:26:00	09:26:00	5B34	00:00:00
CT-105	OLDOXRB	09:30:30	09:30:30	5B34	00:00:00
CT-105	WSTBRNP	09:34:30	09:34:30	5B34	00:00:00
CT-105	PADTONX	09:35:30	09:36:30	2B34	00:01:00
CT-105	ABWD	10:04:30	10:14:00	2A35	00:09:30
CT-105	PADTONX	10:41:30	10:42:30	5D35	00:01:00
CT-105	WSTBRNP	10:43:30	10:43:30	5D35	00:00:00
CT-105	OLDOXRB	10:48:00	10:48:00	5D35	00:00:00
CT-105	OLDOXRW	10:55:30	10:55:30	5D35	00:00:00
CT-105	OLDOXRD	10:58:30	11:30:00	5W54	00:31:30
CT-105	OLDOXRW	11:33:00	11:33:00	5W54	00:00:00
CT-105	OLDOXRB	11:37:30	11:37:30	5W54	00:00:00
CT-105	WSTBRNP	11:41:30	11:41:30	5W54	00:00:00
CT-105	PADTONX	11:42:30	11:43:30	2W54	00:01:00
CT-105	ILFORD	12:10:00	12:10:30	2W54	00:00:30
CT-105	SHENFLD	12:35:00	12:47:00	2B49	00:12:00
CT-105	PADTONX	13:37:30	13:38:30	5B49	00:01:00
CT-105	WSTBRNP	13:40:30	13:48:00	5B50	00:07:30
CT-105	PADTONX	13:50:00	13:51:00	2B50	00:01:00

CT-105	ILFORD	14:17:30	14:18:00 2B50	00:00:30
CT-105	SHENFLD	14:42:30	14:54:30 2W85	00:12:00
CT-105	PADTONX	15:45:00	15:46:00 5W85	00:01:00
CT-105	WSTBRNP	15:48:00	15:54:30 5W88	00:06:30
CT-105	PADTONX	15:56:30	15:57:30 2W88	00:01:00
CT-105	ILFORD	16:24:00	16:24:30 2W88	00:00:30
CT-105	SHENFLD	16:47:00	16:53:30 2W19	00:06:30
CT-105	PADTONX	17:44:00	17:45:00 5W19	00:01:00
CT-105	WSTBRNP	17:47:00	17:54:00 5T92	00:07:00
CT-105	PADTONX	17:56:00	17:57:00 2T92	00:01:00
CT-105	WOLWCHX	18:21:30	18:22:30 5T92	00:01:00
CT-105	PLUMSDG	18:34:00		

Diagram CT-106		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-106	SHENFDS		06:06:30	5W09	
CT-106	SHENFLD	06:08:30	06:09:30	2W09	00:01:00
CT-106	PADTONX	07:00:00	07:01:00	5W09	00:01:00
CT-106	WSTBRNP	07:03:00	07:09:30	5T14	00:06:30
CT-106	PADTONX	07:11:30	07:12:30	2T14	00:01:00
CT-106	ABWD	07:40:30	07:49:00	2T23	00:08:30
CT-106	PADTONX	08:16:30	08:17:30	5T23	00:01:00
CT-106	WSTBRNP	08:19:30	08:26:30	5W42	00:07:00
CT-106	PADTONX	08:28:30	08:29:30	2W42	00:01:00
CT-106	ILFORD	08:56:00	08:56:30	2W42	00:00:30
CT-106	SHENFLD	09:19:00	09:24:30	2W41	00:05:30
CT-106	PADTONX	10:15:00	10:16:00	5W41	00:01:00
CT-106	WSTBRNP	10:18:00	10:25:30	5W44	00:07:30
CT-106	PADTONX	10:27:30	10:28:30	2W44	00:01:00
CT-106	ILFORD	10:55:00	10:55:30	2W44	00:00:30
CT-106	SHENFLD	11:19:30	11:32:00	2B39	00:12:30
CT-106	PADTONX	12:22:30	12:23:30	5B39	00:01:00
CT-106	WSTBRNP	12:25:30	12:33:00	5B40	00:07:30
CT-106	PADTONX	12:35:00	12:36:00	2B40	00:01:00
CT-106	ILFORD	13:02:30	13:03:00	2B40	00:00:30
CT-106	SHENFLD	13:27:30	13:39:30	2W75	00:12:00
CT-106	PADTONX	14:30:00	14:31:00	5D75	00:01:00
CT-106	WSTBRNP	14:32:00	14:32:00	5D75	00:00:00
CT-106	OLDOXRB	14:36:30	14:36:30	5D75	00:00:00
CT-106	OLDOXRW	14:44:00	14:44:00	5D75	00:00:00
CT-106	OLDOXRD	14:47:00	15:41:00	5T72	00:54:00
CT-106	OLDOXRW	15:44:00	15:44:00	5T72	00:00:00
CT-106	OLDOXRB	15:48:30	15:48:30	5T72	00:00:00
CT-106	WSTBRNP	15:52:30	15:52:30	5T72	00:00:00
CT-106	PADTONX	15:53:30	15:54:30	2T72	00:01:00
CT-106	ABWD	16:22:30	16:29:00	2A85	00:06:30

CT-106	PADTONX	16:56:30	16:57:30	5A85	00:01:00
CT-106	WSTBRNP	16:59:30	17:06:30	5W08	00:07:00
CT-106	PADTONX	17:08:30	17:09:30	2W08	00:01:00
CT-106	ILFORD	17:36:00	17:36:30	2W08	00:00:30
CT-106	SHENFLD	18:01:30	18:10:30	2W41	00:09:00
CT-106	PADTONX	19:01:00	19:02:00	5W41	00:01:00
CT-106	WSTBRNP	19:04:00	19:10:30	5W44	00:06:30
CT-106	PADTONX	19:12:30	19:13:30	2W44	00:01:00
CT-106	ILFORD	19:40:00	19:40:30	2W44	00:00:30
CT-106	SHENFLD	20:05:00	20:16:00	2B11	00:11:00
CT-106	PADTONX	21:07:30	21:08:30	5B11	00:01:00
CT-106	WSTBRNP	21:10:30	21:18:00	5B10	00:07:30
CT-106	PADTONX	21:20:00	21:21:00	2B10	00:01:00
CT-106	ILFORD	21:47:30	21:48:00	2B10	00:00:30
CT-106	SHENFLD	22:12:00	22:20:00	5B10	00:08:00
CT-106	ILFEMUD	22:49:30			

## Diagram CT-107

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-107	GIDEPKS		05:36:00	5W07	
CT-107	SHENFLD	05:45:30	05:54:30	2W07	00:09:00
CT-107	PADTONX	06:45:00	06:46:00	5D07	00:01:00
CT-107	WSTBRNP	06:47:00	06:47:00	5D07	00:00:00
CT-107	OLDOXRB	06:51:30	06:51:30	5D07	00:00:00
CT-107	OLDOXRW	06:59:00	06:59:00	5D07	00:00:00
CT-107	OLDOXRD	07:02:00	07:28:30	5T20	00:26:30
CT-107	OLDOXRW	07:31:30	07:31:30	5T20	00:00:00
CT-107	OLDOXRB	07:36:00	07:36:00	5T20	00:00:00
CT-107	WSTBRNP	07:40:00	07:40:00	5T20	00:00:00
CT-107	PADTONX	07:41:00	07:42:00	2T20	00:01:00
CT-107	ABWD	08:12:00	08:19:00	2T27	00:07:00
CT-107	PADTONX	08:46:30	08:47:30	5T27	00:01:00
CT-107	WSTBRNP	08:49:30	08:56:30	5W54	00:07:00
CT-107	PADTONX	08:58:30	08:59:30	2W54	00:01:00
CT-107	ILFORD	09:26:00	09:26:30	2W54	00:00:30
CT-107	SHENFLD	09:49:00	09:54:30	2W45	00:05:30
CT-107	PADTONX	10:45:00	10:46:00	5W45	00:01:00
CT-107	WSTBRNP	10:48:00	10:55:30	5W48	00:07:30
CT-107	PADTONX	10:57:30	10:58:30	2W48	00:01:00
CT-107	ILFORD	11:25:00	11:25:30	2W48	00:00:30
CT-107	SHENFLD	11:50:00	12:02:00	2B43	00:12:00
CT-107	PADTONX	12:52:30	12:53:30	5B43	00:01:00
CT-107	WSTBRNP	12:55:30	13:03:00	5B44	00:07:30
CT-107	PADTONX	13:05:00	13:06:00	2B44	00:01:00
CT-107	ILFORD	13:32:30	13:33:00	2B44	00:00:30
CT-107	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
CT-107	PADTONX	15:00:00	15:01:00	5D79	00:01:00



CT-107	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
CT-107	OLDOXRB	15:06:30	15:06:30	5D79	00:00:00
CT-107	OLDOXRW	15:14:00	15:14:00	5D79	00:00:00
CT-107	OLDOXRD	15:17:00	15:53:00	5B68	00:36:00
CT-107	OLDOXRW	15:56:00	15:56:00	5B68	00:00:00
CT-107	OLDOXRB	16:00:30	16:00:30	5B68	00:00:00
CT-107	WSTBRNP	16:04:30	16:04:30	5B68	00:00:00
CT-107	PADTONX	16:05:30	16:06:30	2B68	00:01:00
CT-107	ABWD	16:34:30	16:44:00	2A87	00:09:30
CT-107	PADTONX	17:11:30	17:12:30	5A87	00:01:00
CT-107	WSTBRNP	17:14:30	17:21:30	5W14	00:07:00
CT-107	PADTONX	17:23:30	17:24:30	2W14	00:01:00
CT-107	ILFORD	17:51:00	17:51:30	2W14	00:00:30
CT-107	SHENFLD	18:14:00	18:24:30	2W43	00:10:30
CT-107	PADTONX	19:15:00	19:16:00	5D43	00:01:00
CT-107	WSTBRNP	19:17:00	19:17:00	5D43	00:00:00
CT-107	OLDOXRB	19:22:00	19:22:00	5D43	00:00:00
CT-107	OLDOXRW	19:29:30	19:29:30	5D43	00:00:00
CT-107	OLDOXRD	19:32:30	20:03:30	5A12	00:31:00
CT-107	OLDOXRW	20:06:30	20:06:30	5A12	00:00:00
CT-107	OLDOXRB	20:11:00	20:11:00	5A12	00:00:00
CT-107	WSTBRNP	20:15:00	20:15:00	5A12	00:00:00
CT-107	PADTONX	20:16:00	20:17:00	2A12	00:01:00
CT-107	ABWD	20:47:00	20:59:00	2A21	00:12:00
CT-107	PADTONX	21:26:30	21:27:30	5A21	00:01:00
CT-107	WSTBRNP	21:29:30	21:36:30	5T24	00:07:00
CT-107	PADTONX	21:38:30	21:39:30	2T24	00:01:00
CT-107	ABWD	22:07:30	22:16:30	2T63	00:09:00
CT-107	PADTONX	22:44:00	22:45:00	5D63	00:01:00
CT-107	WSTBRNP	22:46:00	22:46:00	5D63	00:00:00
CT-107	OLDOXRB	22:51:30	22:51:30	5D63	00:00:00
CT-107	OLDOXRW	22:59:00	22:59:00	5D63	00:00:00
CT-107	OLDOXRD	23:02:00			

Diagram CT-108			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-108	PLUMSDG		05:27:30	5A15	
CT-108	ABWD	05:37:00	05:44:00	2A15	00:07:00
CT-108	PADTONX	06:11:30	06:12:30	5A15	00:01:00
CT-108	WSTBRNP	06:14:30	06:21:30	5T06	00:07:00
CT-108	PADTONX	06:23:30	06:24:30	2T06	00:01:00
CT-108	ABWD	06:52:30	07:00:30	2T15	00:08:00
CT-108	PADTONX	07:28:00	07:29:00	5T15	00:01:00
CT-108	WSTBRNP	07:31:00	07:36:30	5W22	00:05:30
CT-108	PADTONX	07:38:30	07:39:30	2W22	00:01:00
CT-108	ILFORD	08:06:00	08:06:30	2W22	00:00:30

CT-108	SHENFLD	08:29:00	08:30:00 5W63	00:01:00
CT-108	SHENFDS	08:32:00	09:07:30 5W63	00:35:30
CT-108	SHENFLD	09:09:30	09:10:30 2W63	00:01:00
CT-108	PADTONX	10:01:00	10:02:00 5D63	00:01:00
CT-108	WSTBRNP	10:03:00	10:03:00 5D63	00:00:00
CT-108	OLDOXRB	10:07:30	10:07:30 5D63	00:00:00
CT-108	OLDOXRW	10:15:00	10:15:00 5D63	00:00:00
CT-108	OLDOXRD	10:18:00	11:11:00 5T36	00:53:00
CT-108	OLDOXRW	11:14:00	11:14:00 5T36	00:00:00
CT-108	OLDOXRB	11:18:30	11:18:30 5T36	00:00:00
CT-108	WSTBRNP	11:22:30	11:22:30 5T36	00:00:00
CT-108	PADTONX	11:23:30	11:24:30 2T36	00:01:00
CT-108	ABWD	11:54:30	12:06:30 2T45	00:12:00
CT-108	PADTONX	12:34:00	12:35:00 5T45	00:01:00
CT-108	WSTBRNP	12:37:00	12:44:00 5A52	00:07:00
CT-108	PADTONX	12:46:00	12:47:00 2A52	00:01:00
CT-108	ABWD	13:17:00	13:29:00 2A61	00:12:00
CT-108	PADTONX	13:56:30	13:57:30 5A61	00:01:00
CT-108	WSTBRNP	13:59:30	14:06:30 5T58	00:07:00
CT-108	PADTONX	14:08:30	14:09:30 2T58	00:01:00
CT-108	ABWD	14:39:30	14:51:30 2T67	00:12:00
CT-108	PADTONX	15:19:00	15:20:00 5T67	00:01:00
CT-108	WSTBRNP	15:22:00	15:29:00 5A74	00:07:00
CT-108	PADTONX	15:31:00	15:32:00 2A74	00:01:00
CT-108	ABWD	16:01:30	16:06:30 2T77	00:05:00
CT-108	PADTONX	16:34:00	16:35:00 5D77	00:01:00
CT-108	WSTBRNP	16:36:00	16:36:00 5D77	00:00:00
CT-108	OLDOXRB	16:40:30	16:40:30 5D77	00:00:00
CT-108	OLDOXRW	16:48:00	16:48:00 5D77	00:00:00
CT-108	OLDOXRD	16:51:00	17:18:30 5A90	00:27:30
CT-108	OLDOXRW	17:21:30	17:21:30 5A90	00:00:00
CT-108	OLDOXRB	17:26:00	17:26:00 5A90	00:00:00
CT-108	WSTBRNP	17:30:00	17:30:00 5A90	00:00:00
CT-108	PADTONX	17:31:00	17:32:00 2A90	00:01:00
CT-108	WOLWCHX	17:56:30	17:57:30 5T88	00:01:00
CT-108	PLUMSDG	18:09:00		

## Diagram CT-109

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-109	PLUMSDG		05:55:30	5A19	
CT-109	ABWD	06:05:00	06:14:00	2A19	00:09:00
CT-109	PADTONX	06:41:30	06:42:30	5A19	00:01:00
CT-109	WSTBRNP	06:44:30	06:51:30	5T10	00:07:00
CT-109	PADTONX	06:53:30	06:54:30	2T10	00:01:00
CT-109	ABWD	07:22:30	07:29:00	2A29	00:06:30
CT-109	PADTONX	07:56:30	07:57:30	5D29	00:01:00

CT-109	WSTBRNP	07:58:30	07:58:30 5D29	00:00:00
CT-109	OLDOXRB	08:03:00	08:03:00 5D29	00:00:00
<b>CT-109</b>	<b>OLDOXRW</b>	<b>08:10:30</b>	<b>08:10:30 5D29</b>	<b>00:00:00</b>
CT-109	OLDOXRD	08:13:30	08:38:30 5B28	00:25:00
CT-109	OLDOXRW	08:41:30	08:41:30 5B28	00:00:00
CT-109	OLDOXRB	08:46:00	08:46:00 5B28	00:00:00
CT-109	WSTBRNP	08:50:00	08:50:00 5B28	00:00:00
CT-109	PADTONX	08:51:00	08:52:00 2B28	00:01:00
CT-109	ABWD	09:21:30	09:28:30 2T39	00:07:00
CT-109	PADTONX	09:58:00	09:59:00 5T39	00:01:00
CT-109	WSTBRNP	10:01:00	10:06:30 5T26	00:05:30
CT-109	PADTONX	10:08:30	10:09:30 2T26	00:01:00
CT-109	ABWD	10:39:30	10:51:30 2T35	00:12:00
CT-109	PADTONX	11:19:00	11:20:00 5T35	00:01:00
CT-109	WSTBRNP	11:22:00	11:29:00 5A42	00:07:00
CT-109	PADTONX	11:31:00	11:32:00 2A42	00:01:00
CT-109	ABWD	12:02:00	12:14:00 2A51	00:12:00
CT-109	PADTONX	12:41:30	12:42:30 5D51	00:01:00
CT-109	WSTBRNP	12:43:30	12:43:30 5D51	00:00:00
CT-109	OLDOXRB	12:48:00	12:48:00 5D51	00:00:00
<b>CT-109</b>	<b>OLDOXRW</b>	<b>12:55:30</b>	<b>12:55:30 5D51</b>	<b>00:00:00</b>
CT-109	OLDOXRD	12:58:30	13:30:00 5W70	00:31:30
CT-109	OLDOXRW	13:33:00	13:33:00 5W70	00:00:00
CT-109	OLDOXRB	13:37:30	13:37:30 5W70	00:00:00
CT-109	WSTBRNP	13:41:30	13:41:30 5W70	00:00:00
CT-109	PADTONX	13:42:30	13:43:30 2W70	00:01:00
CT-109	ILFORD	14:10:00	14:10:30 2W70	00:00:30
CT-109	SHENFLD	14:35:00	14:47:00 2B65	00:12:00
CT-109	PADTONX	15:37:30	15:38:30 5B65	00:01:00
CT-109	WSTBRNP	15:40:30	15:48:00 5B66	00:07:30
CT-109	PADTONX	15:50:00	15:51:00 2B66	00:01:00
CT-109	ILFORD	16:17:30	16:18:00 2B66	00:00:30
CT-109	SHENFLD	16:42:00	16:48:30 2W17	00:06:30
CT-109	PADTONX	17:39:00	17:40:00 5D17	00:01:00
CT-109	WSTBRNP	17:41:00	17:41:00 5D17	00:00:00
CT-109	OLDOXRB	17:45:30	17:45:30 5D17	00:00:00
<b>CT-109</b>	<b>OLDOXRW</b>	<b>17:53:00</b>	<b>17:53:00 5D17</b>	<b>00:00:00</b>
CT-109	OLDOXRD	17:56:00	18:23:00 5B88	00:27:00
CT-109	OLDOXRW	18:26:00	18:26:00 5B88	00:00:00
CT-109	OLDOXRB	18:30:30	18:30:30 5B88	00:00:00
CT-109	WSTBRNP	18:34:30	18:34:30 5B88	00:00:00
CT-109	PADTONX	18:35:30	18:36:30 2B88	00:01:00
CT-109	ABWD	19:05:30	19:14:00 2A07	00:08:30
CT-109	PADTONX	19:41:30	19:42:30 5A07	00:01:00
CT-109	WSTBRNP	19:44:30	19:51:30 5T10	00:07:00
CT-109	PADTONX	19:53:30	19:54:30 2T10	00:01:00

CT-109	ABWD	20:24:30	20:36:30	2T07	00:12:00
CT-109	PADTONX	21:04:00	21:05:00	5D07	00:01:00
CT-109	WSTBRNP	21:06:00	21:06:00	5D07	00:00:00
CT-109	OLDOXRB	21:10:30	21:10:30	5D07	00:00:00
CT-109	OLDOXRW	21:18:00	21:18:00	5D07	00:00:00
CT-109	OLDOXRD	21:21:00			

Diagram CT-110		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-110	PLUMSDG		05:41:30	5A17	
CT-110	ABWD	05:51:00	05:59:00	2A17	00:08:00
CT-110	PADTONX	06:26:30	06:27:30	5D17	00:01:00
CT-110	WSTBRNP	06:28:30	06:28:30	5D17	00:00:00
CT-110	OLDOXRB	06:33:00	06:33:00	5D17	00:00:00
CT-110	OLDOXRW	06:40:30	06:40:30	5D17	00:00:00
CT-110	OLDOXRD	06:43:30	07:11:00	5T16	00:27:30
CT-110	OLDOXRW	07:14:00	07:14:00	5T16	00:00:00
CT-110	OLDOXRB	07:18:30	07:18:30	5T16	00:00:00
CT-110	WSTBRNP	07:22:30	07:22:30	5T16	00:00:00
CT-110	PADTONX	07:23:30	07:24:30	2T16	00:01:00
CT-110	ABWD	07:52:30	07:59:00	2A33	00:06:30
CT-110	PADTONX	08:26:30	08:27:30	5A33	00:01:00
CT-110	WSTBRNP	08:29:30	08:36:30	5W46	00:07:00
CT-110	PADTONX	08:38:30	08:39:30	2W46	00:01:00
CT-110	ILFORD	09:06:00	09:06:30	2W46	00:00:30
CT-110	SHENFLD	09:29:00	09:36:00	5W46	00:07:00
CT-110	GIDEPKS	09:47:30	17:04:00	5W21	07:16:30
CT-110	GIDEAPK	17:06:00	17:09:00	2W21	00:03:00
CT-110	PADTONX	17:49:00	17:50:00	5D21	00:01:00
CT-110	WSTBRNP	17:51:00	17:51:00	5D21	00:00:00
CT-110	OLDOXRB	17:55:30	17:55:30	5D21	00:00:00
CT-110	OLDOXRW	18:03:00	18:03:00	5D21	00:00:00
CT-110	OLDOXRD	18:06:00			

Diagram CT-111		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-111	ILFEMUD		05:00:30	5W03	
CT-111	SHENFLD	05:19:00	05:26:00	2W03	00:07:00
CT-111	PADTONX	06:16:30	06:17:00	5D03	00:00:30
CT-111	WSTBRNP	06:18:00	06:18:00	5D03	00:00:00
CT-111	OLDOXRB	06:22:30	06:22:30	5D03	00:00:00
CT-111	OLDOXRW	06:30:00	06:30:00	5D03	00:00:00
CT-111	OLDOXRD	06:33:00	07:06:00	5B16	00:33:00
CT-111	OLDOXRW	07:09:00	07:09:00	5B16	00:00:00
CT-111	OLDOXRB	07:13:30	07:13:30	5B16	00:00:00
CT-111	WSTBRNP	07:17:30	07:17:30	5B16	00:00:00



CT-111	PADTONX	07:18:30	07:21:30	2B16	00:03:00
CT-111	ILFORD	07:48:00	07:48:30	2B16	00:00:30
CT-111	SHENFLD	08:11:30	08:18:30	2W51	00:07:00
CT-111	PADTONX	09:09:00	09:10:00	5W51	00:01:00
CT-111	WSTBRNP	09:12:00	09:18:30	5B32	00:06:30
CT-111	PADTONX	09:20:30	09:21:30	2B32	00:01:00
CT-111	ILFORD	09:48:00	09:48:30	2B32	00:00:30
CT-111	SHENFLD	10:12:30	10:13:30	5B32	00:01:00
CT-111	SHENFDS	10:15:30	15:37:30	5W93	05:22:00
CT-111	SHENFLD	15:39:30	15:40:30	2W93	00:01:00
CT-111	PADTONX	16:31:00	16:32:00	5W93	00:01:00
CT-111	WSTBRNP	16:34:00	16:39:00	5T82	00:05:00
CT-111	PADTONX	16:41:00	16:42:00	2T82	00:01:00
CT-111	ABWD	17:10:00	17:19:00	2S57	00:09:00
CT-111	PADTONX	17:46:30	17:47:30	5S57	00:01:00
CT-111	WSTBRNP	17:49:30	17:56:30	5W28	00:07:00
CT-111	PADTONX	17:58:30	17:59:30	2W28	00:01:00
CT-111	ILFORD	18:26:00	18:26:30	2W28	00:00:30
CT-111	SHENFLD	18:50:00	19:02:00	2B01	00:12:00
CT-111	PADTONX	19:52:30	19:53:30	5B01	00:01:00
CT-111	WSTBRNP	19:55:30	20:03:00	5B00	00:07:30
CT-111	PADTONX	20:05:00	20:06:00	2B00	00:01:00
CT-111	ILFORD	20:32:30	20:33:00	2B00	00:00:30
CT-111	SHENFLD	20:57:30	21:09:30	2W65	00:12:00
CT-111	PADTONX	22:00:00	22:01:00	5D65	00:01:00
CT-111	WSTBRNP	22:02:00	22:02:00	5D65	00:00:00
CT-111	OLDOXRB	22:06:30	22:06:30	5D65	00:00:00
CT-111	OLDOXRW	22:14:00	22:14:00	5D65	00:00:00
CT-111	OLDOXRD	22:17:00			

Diagram CT-112			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-112	ILFEMUD		06:08:30	5W15	
CT-112	SHENFLD	06:31:30	06:40:30	2W15	00:09:00
CT-112	PADTONX	07:31:00	07:32:00	5D15	00:01:00
CT-112	WSTBRNP	07:33:00	07:33:00	5D15	00:00:00
CT-112	OLDOXRB	07:37:30	07:37:30	5D15	00:00:00
CT-112	OLDOXRW	07:45:00	07:45:00	5D15	00:00:00
CT-112	OLDOXRD	07:48:00	08:18:30	5A30	00:30:30
CT-112	OLDOXRW	08:21:30	08:21:30	5A30	00:00:00
CT-112	OLDOXRB	08:26:00	08:26:00	5A30	00:00:00
CT-112	WSTBRNP	08:30:00	08:30:00	5A30	00:00:00
CT-112	PADTONX	08:31:00	08:32:00	2A30	00:01:00
CT-112	ABWD	09:01:30	09:06:30	2T35	00:05:00
CT-112	PADTONX	09:34:00	09:35:00	5D35	00:01:00
CT-112	WSTBRNP	09:36:00	09:36:00	5D35	00:00:00

CT-112	OLDOXRB	09:40:30	09:40:30 5D35	00:00:00
CT-112	OLDOXRW	09:48:00	09:48:00 5D35	00:00:00
CT-112	OLDOXRD	09:51:00	16:08:00 5B70	06:17:00
CT-112	OLDOXRW	16:11:00	16:11:00 5B70	00:00:00
CT-112	OLDOXRB	16:15:30	16:15:30 5B70	00:00:00
CT-112	WSTBRNP	16:19:30	16:19:30 5B70	00:00:00
CT-112	PADTONX	16:20:30	16:21:30 2B70	00:01:00
CT-112	ILFORD	16:48:00	16:48:30 2B70	00:00:30
CT-112	SHENFLD	17:11:30	17:18:30 2W29	00:07:00
CT-112	PADTONX	18:09:00	18:10:00 5W29	00:01:00
CT-112	WSTBRNP	18:12:00	18:18:30 5B86	00:06:30
CT-112	PADTONX	18:20:30	18:21:30 2B86	00:01:00
CT-112	ILFORD	18:48:00	18:48:30 2B86	00:00:30
CT-112	SHENFLD	19:12:30	19:24:30 2W51	00:12:00
CT-112	PADTONX	20:15:00	20:16:00 5D51	00:01:00
CT-112	WSTBRNP	20:17:00	20:17:00 5D51	00:00:00
CT-112	OLDOXRB	20:21:30	20:21:30 5D51	00:00:00
CT-112	OLDOXRW	20:29:00	20:29:00 5D51	00:00:00
CT-112	OLDOXRD	20:32:00	21:03:30 5A20	00:31:30
CT-112	OLDOXRW	21:06:30	21:06:30 5A20	00:00:00
CT-112	OLDOXRB	21:11:00	21:11:00 5A20	00:00:00
CT-112	WSTBRNP	21:15:00	21:15:00 5A20	00:00:00
CT-112	PADTONX	21:16:00	21:17:00 2A20	00:01:00
CT-112	ABWD	21:47:00	21:54:00 2B21	00:07:00
CT-112	PADTONX	22:21:30	22:22:30 5B21	00:01:00
CT-112	WSTBRNP	22:24:30	22:33:30 5B20	00:09:00
CT-112	PADTONX	22:35:30	22:37:00 2B20	00:01:30
CT-112	ILFORD	23:03:30	23:04:00 2B20	00:00:30
CT-112	SHENFLD	23:29:00	23:36:00 2A45	00:07:00
CT-112	PADTONX	00:26:30	00:27:30 5D45	00:01:00
CT-112	WSTBRNP	00:28:30	00:28:30 5D45	00:00:00
CT-112	OLDOXRB	00:33:00	00:33:00 5D45	00:00:00
CT-112	OLDOXRW	00:40:30	00:40:30 5D45	00:00:00
CT-112	OLDOXRD	00:43:30		

Diagram CT-113			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-113	SHENFDS		06:25:30	5W13	
CT-113	SHENFLD	06:27:30	06:28:30	2W13	00:01:00
CT-113	PADTONX	07:19:00	07:20:00	5W13	00:01:00
CT-113	WSTBRNP	07:22:00	07:27:30	5T18	00:05:30
CT-113	PADTONX	07:29:30	07:30:30	2T18	00:01:00
CT-113	ABWD	07:58:30	08:09:00	2B31	00:10:30
CT-113	PADTONX	08:36:30	08:37:30	5B31	00:01:00
CT-113	WSTBRNP	08:39:30	08:46:30	5W50	00:07:00
CT-113	PADTONX	08:48:30	08:49:30	2W50	00:01:00

CT-113	ILFORD	09:16:00	09:16:30	2W50	00:00:30
CT-113	SHENFLD	09:39:00	09:47:00	2B25	00:08:00
CT-113	PADTONX	10:37:30	10:38:30	5B25	00:01:00
CT-113	WSTBRNP	10:40:30	10:48:00	5B26	00:07:30
CT-113	PADTONX	10:50:00	10:51:00	2B26	00:01:00
CT-113	ILFORD	11:17:30	11:18:00	2B26	00:00:30
CT-113	SHENFLD	11:42:30	11:54:30	2W61	00:12:00
CT-113	PADTONX	12:45:00	12:46:00	5W61	00:01:00
CT-113	WSTBRNP	12:48:00	12:55:30	5W64	00:07:30
CT-113	PADTONX	12:57:30	12:58:30	2W64	00:01:00
CT-113	ILFORD	13:25:00	13:25:30	2W64	00:00:30
CT-113	SHENFLD	13:50:00	14:02:00	2B59	00:12:00
CT-113	PADTONX	14:52:30	14:53:30	5B59	00:01:00
CT-113	WSTBRNP	14:55:30	15:03:00	5B60	00:07:30
CT-113	PADTONX	15:05:00	15:06:00	2B60	00:01:00
CT-113	ILFORD	15:32:30	15:33:00	2B60	00:00:30
CT-113	SHENFLD	15:57:00	16:08:30	2W01	00:11:30
CT-113	PADTONX	16:59:00	17:00:00	5D01	00:01:00
CT-113	WSTBRNP	17:01:00	17:01:00	5D01	00:00:00
CT-113	OLDOXRB	17:05:30	17:05:30	5D01	00:00:00
CT-113	OLDOXRW	17:13:00	17:13:00	5D01	00:00:00
CT-113	OLDOXRD	17:16:00	17:48:30	5A94	00:32:30
CT-113	OLDOXRW	17:51:30	17:51:30	5A94	00:00:00
CT-113	OLDOXRB	17:56:00	17:56:00	5A94	00:00:00
CT-113	WSTBRNP	18:00:00	18:00:00	5A94	00:00:00
CT-113	PADTONX	18:01:00	18:02:00	2A94	00:01:00
CT-113	ABWD	18:30:30	18:36:30	2T91	00:06:00
CT-113	PADTONX	19:04:00	19:05:00	5D91	00:01:00
CT-113	WSTBRNP	19:06:00	19:06:00	5D91	00:00:00
CT-113	OLDOXRB	19:10:30	19:10:30	5D91	00:00:00
CT-113	OLDOXRW	19:18:00	19:18:00	5D91	00:00:00
CT-113	OLDOXRD	19:21:00	20:15:00	5W54	00:54:00
CT-113	OLDOXRW	20:18:00	20:18:00	5W54	00:00:00
CT-113	OLDOXRB	20:22:30	20:22:30	5W54	00:00:00
CT-113	WSTBRNP	20:26:30	20:26:30	5W54	00:00:00
CT-113	PADTONX	20:27:30	20:28:30	2W54	00:01:00
CT-113	ILFORD	20:55:00	20:55:30	2W54	00:00:30
CT-113	SHENFLD	21:19:00	21:26:00	2W67	00:07:00
CT-113	PADTONX	22:16:30	22:17:30	5D67	00:01:00
CT-113	WSTBRNP	22:18:30	22:18:30	5D67	00:00:00
CT-113	OLDOXRB	22:23:00	22:23:00	5D67	00:00:00
CT-113	OLDOXRW	22:30:30	22:30:30	5D67	00:00:00
CT-113	OLDOXRD	22:33:30			

Diagram CT-114

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
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CT-114	GIDEPKS		06:00:00	5B19	
CT-114	SHENFLD	06:09:30	06:16:30	2B19	00:07:00
CT-114	PADTONX	07:07:00	07:08:00	5B19	00:01:00
CT-114	WSTBRNP	07:10:00	07:15:30	5A20	00:05:30
CT-114	PADTONX	07:17:30	07:18:30	2A20	00:01:00
CT-114	ABWD	07:47:00	07:54:00	2B29	00:07:00
CT-114	PADTONX	08:21:30	08:22:30	5B29	00:01:00
CT-114	WSTBRNP	08:24:30	08:31:30	5W44	00:07:00
CT-114	PADTONX	08:33:30	08:34:30	2W44	00:01:00
CT-114	ILFORD	09:01:00	09:01:30	2W44	00:00:30
CT-114	SHENFLD	09:24:00	09:32:00	2B23	00:08:00
CT-114	PADTONX	10:22:30	10:23:30	5B23	00:01:00
CT-114	WSTBRNP	10:25:30	10:33:00	5B24	00:07:30
CT-114	PADTONX	10:35:00	10:36:00	2B24	00:01:00
CT-114	ILFORD	11:02:30	11:03:00	2B24	00:00:30
CT-114	SHENFLD	11:27:00	11:39:30	2W59	00:12:30
CT-114	PADTONX	12:30:00	12:31:00	5D59	00:01:00
CT-114	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
CT-114	OLDOXRB	12:36:30	12:36:30	5D59	00:00:00
CT-114	OLDOXRW	12:44:00	12:44:00	5D59	00:00:00
CT-114	OLDOXRD	12:47:00	13:41:00	5T56	00:54:00
CT-114	OLDOXRW	13:44:00	13:44:00	5T56	00:00:00
CT-114	OLDOXRB	13:48:30	13:48:30	5T56	00:00:00
CT-114	WSTBRNP	13:52:30	13:52:30	5T56	00:00:00
CT-114	PADTONX	13:53:30	13:54:30	2T56	00:01:00
CT-114	ABWD	14:24:30	14:36:30	2T65	00:12:00
CT-114	PADTONX	15:04:00	15:05:00	5T65	00:01:00
CT-114	WSTBRNP	15:07:00	15:14:00	5A72	00:07:00
CT-114	PADTONX	15:16:00	15:17:00	2A72	00:01:00
CT-114	ABWD	15:47:00	15:54:30	2B73	00:07:30
CT-114	PADTONX	16:22:00	16:23:00	5B73	00:01:00
CT-114	WSTBRNP	16:25:00	16:30:30	5A82	00:05:30
CT-114	PADTONX	16:32:30	16:33:30	2A82	00:01:00
CT-114	ILFORD	17:00:00	17:00:30	2A82	00:00:30
CT-114	SHENFLD	17:23:00	17:34:00	2A97	00:11:00
CT-114	PADTONX	18:25:00	18:26:00	5D97	00:01:00
CT-114	WSTBRNP	18:27:00	18:27:00	5D97	00:00:00
CT-114	OLDOXRB	18:31:30	18:31:30	5D97	00:00:00
CT-114	OLDOXRW	18:39:00	18:39:00	5D97	00:00:00
CT-114	OLDOXRD	18:42:00			

Diagram CT-115		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-115	ILFEMUD		05:36:30	5B17	
CT-115	SHENFLD	05:55:00	06:02:00	2B17	00:07:00
CT-115	PADTONX	06:52:30	06:53:30	5B17	00:01:00



CT-115	WSTBRNP	06:55:30	07:00:30 5A18	00:05:00
CT-115	PADTONX	07:02:30	07:03:30 2A18	00:01:00
CT-115	ILFORD	07:30:00	07:30:30 2A18	00:00:30
CT-115	SHENFLD	07:53:00	07:58:30 2W43	00:05:30
CT-115	PADTONX	08:49:00	08:50:00 5W43	00:01:00
CT-115	WSTBRNP	08:51:00	08:51:00 5W43	00:00:00
CT-115	OLDOXRB	08:55:30	08:55:30 5W43	00:00:00
CT-115	OLDOXRW	09:03:00	09:03:00 5W43	00:00:00
CT-115	OLDOXRD	09:06:00	09:35:00 5A40	00:29:00
CT-115	OLDOXRW	09:38:00	09:38:00 5A40	00:00:00
CT-115	OLDOXRB	09:42:30	09:42:30 5A40	00:00:00
CT-115	WSTBRNP	09:46:30	09:46:30 5A40	00:00:00
CT-115	PADTONX	09:47:30	09:48:30 2A40	00:01:00
CT-115	ABWD	10:17:00	10:29:00 2A37	00:12:00
CT-115	PADTONX	10:56:30	10:57:30 5A37	00:01:00
CT-115	WSTBRNP	10:59:30	11:06:30 5T34	00:07:00
CT-115	PADTONX	11:08:30	11:09:30 2T34	00:01:00
CT-115	ABWD	11:39:30	11:51:30 2T43	00:12:00
CT-115	PADTONX	12:19:00	12:20:00 5T43	00:01:00
CT-115	WSTBRNP	12:22:00	12:29:00 5A50	00:07:00
CT-115	PADTONX	12:31:00	12:32:00 2A50	00:01:00
CT-115	ABWD	13:02:00	13:14:00 2A59	00:12:00
CT-115	PADTONX	13:41:30	13:42:30 5D59	00:01:00
CT-115	WSTBRNP	13:43:30	13:43:30 5D59	00:00:00
CT-115	OLDOXRB	13:48:00	13:48:00 5D59	00:00:00
CT-115	OLDOXRW	13:55:30	13:55:30 5D59	00:00:00
CT-115	OLDOXRD	13:58:30	14:30:00 5W78	00:31:30
CT-115	OLDOXRW	14:33:00	14:33:00 5W78	00:00:00
CT-115	OLDOXRB	14:37:30	14:37:30 5W78	00:00:00
CT-115	WSTBRNP	14:41:30	14:41:30 5W78	00:00:00
CT-115	PADTONX	14:42:30	14:43:30 2W78	00:01:00
CT-115	ILFORD	15:10:00	15:10:30 2W78	00:00:30
CT-115	SHENFLD	15:34:30	15:46:30 2B75	00:12:00
CT-115	PADTONX	16:37:00	16:38:00 5B75	00:01:00
CT-115	WSTBRNP	16:40:00	16:46:30 5W00	00:06:30
CT-115	PADTONX	16:48:30	16:49:30 2W00	00:01:00
CT-115	ILFORD	17:16:00	17:16:30 2W00	00:00:30
CT-115	SHENFLD	17:39:00	17:46:30 2B91	00:07:30
CT-115	PADTONX	18:37:00	18:38:00 5B91	00:01:00
CT-115	WSTBRNP	18:40:00	18:45:30 5A00	00:05:30
CT-115	PADTONX	18:47:30	18:48:30 2A00	00:01:00
CT-115	ABWD	19:17:00	19:29:00 2A09	00:12:00
CT-115	PADTONX	19:56:30	19:57:30 5A09	00:01:00
CT-115	WSTBRNP	19:59:30	20:06:30 5T12	00:07:00
CT-115	PADTONX	20:08:30	20:09:30 2T12	00:01:00
CT-115	ABWD	20:39:30	20:51:30 2T09	00:12:00

CT-115	PADTONX	21:19:00	21:20:00	5T09	00:01:00
CT-115	WSTBRNP	21:22:00	21:29:00	5A22	00:07:00
CT-115	PADTONX	21:31:00	21:32:00	2A22	00:01:00
CT-115	ABWD	22:00:00	22:14:00	2A31	00:14:00
CT-115	PADTONX	22:41:30	22:42:30	5A31	00:01:00
CT-115	WSTBRNP	22:44:30	22:54:00	5W70	00:09:30
CT-115	PADTONX	22:56:00	22:57:00	2W70	00:01:00
CT-115	ILFORD	23:23:30	23:24:00	2W70	00:00:30
CT-115	SHENFLD	23:49:00	23:56:00	2L99	00:07:00
CT-115	LIVST	00:34:30	00:55:00	2W74	00:20:30
CT-115	ILFORD	01:10:30	01:11:00	2W74	00:00:30
CT-115	SHENFLD	01:33:30	01:41:00	5V74	00:07:30
CT-115	ILFEMUD	02:06:00			

Diagram CT-116		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-116	ILFEMUD		05:21:30	5B15	
CT-116	SHENFLD	05:40:00	05:47:00	2B15	00:07:00
CT-116	PADTONX	06:37:30	06:38:30	5B15	00:01:00
CT-116	WSTBRNP	06:40:30	06:48:00	5B12	00:07:30
CT-116	PADTONX	06:50:00	06:51:00	2B12	00:01:00
CT-116	ILFORD	07:17:30	07:18:00	2B12	00:00:30
CT-116	SHENFLD	07:40:30	07:48:30	2W39	00:08:00
CT-116	PADTONX	08:39:00	08:40:00	5D39	00:01:00
CT-116	WSTBRNP	08:41:00	08:41:00	5D39	00:00:00
CT-116	OLDOXRB	08:45:30	08:45:30	5D39	00:00:00
CT-116	OLDOXRW	08:53:00	08:53:00	5D39	00:00:00
CT-116	OLDOXRD	08:56:00	09:32:00	5W66	00:36:00
CT-116	OLDOXRW	09:35:00	09:35:00	5W66	00:00:00
CT-116	OLDOXRB	09:39:30	09:39:30	5W66	00:00:00
CT-116	WSTBRNP	09:43:30	09:43:30	5W66	00:00:00
CT-116	PADTONX	09:44:30	09:45:30	2W66	00:01:00
CT-116	ILFORD	10:12:00	10:12:30	2W66	00:00:30
CT-116	SHENFLD	10:35:00	10:47:00	2B33	00:12:00
CT-116	PADTONX	11:37:30	11:38:30	5B33	00:01:00
CT-116	WSTBRNP	11:40:30	11:48:00	5B34	00:07:30
CT-116	PADTONX	11:50:00	11:51:00	2B34	00:01:00
CT-116	ILFORD	12:17:30	12:18:00	2B34	00:00:30
CT-116	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
CT-116	PADTONX	13:45:00	13:46:00	5W69	00:01:00
CT-116	WSTBRNP	13:48:00	13:55:30	5W72	00:07:30
CT-116	PADTONX	13:57:30	13:58:30	2W72	00:01:00
CT-116	ILFORD	14:25:00	14:25:30	2W72	00:00:30
CT-116	SHENFLD	14:50:00	15:02:00	2B67	00:12:00
CT-116	PADTONX	15:52:30	15:53:30	5B67	00:01:00
CT-116	WSTBRNP	15:55:30	16:00:30	5A78	00:05:00

CT-116	PADTONX	16:02:30	16:03:30	2A78	00:01:00
CT-116	ILFORD	16:30:00	16:30:30	2A78	00:00:30
CT-116	SHENFLD	16:53:00	17:03:30	2W23	00:10:30
CT-116	PADTONX	17:54:00	17:55:00	5W23	00:01:00
CT-116	WSTBRNP	17:57:00	18:04:00	5B84	00:07:00
CT-116	PADTONX	18:06:00	18:07:00	2B84	00:01:00
CT-116	ABWD	18:35:00	18:44:00	2A03	00:09:00
CT-116	PADTONX	19:11:30	19:12:30	5A03	00:01:00
CT-116	WSTBRNP	19:14:30	19:21:30	5T06	00:07:00
CT-116	PADTONX	19:23:30	19:24:30	2T06	00:01:00
CT-116	ABWD	19:54:30	20:06:30	2T03	00:12:00
CT-116	PADTONX	20:34:00	20:35:00	5D03	00:01:00
CT-116	WSTBRNP	20:36:00	20:36:00	5D03	00:00:00
CT-116	OLDOXRB	20:40:30	20:40:30	5D03	00:00:00
CT-116	OLDOXRW	20:48:00	20:48:00	5D03	00:00:00
CT-116	OLDOXRD	20:51:00	21:45:00	5W66	00:54:00
CT-116	OLDOXRW	21:48:00	21:48:00	5W66	00:00:00
CT-116	OLDOXRB	21:52:30	21:52:30	5W66	00:00:00
CT-116	WSTBRNP	21:56:30	21:56:30	5W66	00:00:00
CT-116	PADTONX	21:57:30	21:58:30	2W66	00:01:00
CT-116	ILFORD	22:25:00	22:25:30	2W66	00:00:30
CT-116	SHENFLD	22:49:00	22:56:00	2W69	00:07:00
CT-116	PADTONX	23:46:30	23:50:00	5W69	00:03:30
CT-116	WSTBRNP	23:52:00	23:58:30	5A42	00:06:30
CT-116	PADTONX	00:01:00	00:02:00	2A42	00:01:00
CT-116	ABWD	00:30:00	00:37:00	5A42	00:07:00
CT-116	PLUMSDG	00:46:00			

Diagram CT-117

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-117	PLUMSDG		05:48:30	5T07	
CT-117	ABWD	05:58:00	06:06:30	2T07	00:08:30
CT-117	PADTONX	06:34:00	06:35:00	5T07	00:01:00
CT-117	WSTBRNP	06:37:00	06:44:00	5A16	00:07:00
CT-117	PADTONX	06:46:00	06:47:00	2A16	00:01:00
CT-117	ABWD	07:15:30	07:24:00	2B25	00:08:30
CT-117	PADTONX	07:51:30	07:52:30	5B25	00:01:00
CT-117	WSTBRNP	07:54:30	08:01:30	5W32	00:07:00
CT-117	PADTONX	08:03:30	08:04:30	2W32	00:01:00
CT-117	ILFORD	08:31:00	08:31:30	2W32	00:00:30
CT-117	SHENFLD	08:54:00	08:55:00	5W32	00:01:00
CT-117	SHENFDS	08:57:00	16:20:30	5W07	07:23:30
CT-117	SHENFLD	16:22:30	16:23:30	2W07	00:01:00
CT-117	PADTONX	17:14:00	17:15:00	5W07	00:01:00
CT-117	WSTBRNP	17:17:00	17:23:00	5T88	00:06:00
CT-117	PADTONX	17:25:00	17:27:00	2T88	00:02:00

CT-117	ABWD	17:57:30	18:06:30	2T87	00:09:00
CT-117	PADTONX	18:34:00	18:35:00	5T87	00:01:00
CT-117	WSTBRNP	18:37:00	18:42:30	5W40	00:05:30
CT-117	PADTONX	18:44:30	18:45:30	2W40	00:01:00
CT-117	ILFORD	19:12:00	19:12:30	2W40	00:00:30
CT-117	SHENFLD	19:35:00	19:47:00	2B07	00:12:00
CT-117	PADTONX	20:37:30	20:38:30	5B07	00:01:00
CT-117	WSTBRNP	20:40:30	20:48:00	5B06	00:07:30
CT-117	PADTONX	20:50:00	20:51:00	2B06	00:01:00
CT-117	ILFORD	21:17:30	21:18:00	2B06	00:00:30
CT-117	SHENFLD	21:42:00	21:43:00	5B06	00:01:00
CT-117	SHENFDS	21:45:00			

Diagram CT-118

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-118	PLUMSDG		05:33:30	5T05	
CT-118	ABWD	05:43:00	05:52:00	2T05	00:09:00
CT-118	PADTONX	06:19:30	06:20:30	5T05	00:01:00
CT-118	WSTBRNP	06:22:30	06:29:00	5A14	00:06:30
CT-118	PADTONX	06:31:00	06:32:00	2A14	00:01:00
CT-118	ABWD	07:00:00	07:06:30	2T17	00:06:30
CT-118	PADTONX	07:34:00	07:35:00	5T17	00:01:00
CT-118	WSTBRNP	07:37:00	07:44:00	5A24	00:07:00
CT-118	PADTONX	07:46:00	07:47:00	2A24	00:01:00
CT-118	ABWD	08:17:00	08:24:00	2B33	00:07:00
CT-118	PADTONX	08:51:30	08:52:30	5B33	00:01:00
CT-118	WSTBRNP	08:54:30	09:01:30	5W56	00:07:00
CT-118	PADTONX	09:03:30	09:04:30	2W56	00:01:00
CT-118	ILFORD	09:31:00	09:31:30	2W56	00:00:30
CT-118	SHENFLD	09:54:00	10:02:00	2B27	00:08:00
CT-118	PADTONX	10:52:30	10:53:30	5B27	00:01:00
CT-118	WSTBRNP	10:55:30	11:03:00	5B28	00:07:30
CT-118	PADTONX	11:05:00	11:06:00	2B28	00:01:00
CT-118	ILFORD	11:32:30	11:33:00	2B28	00:00:30
CT-118	SHENFLD	11:57:30	12:09:30	2W63	00:12:00
CT-118	PADTONX	13:00:00	13:01:00	5D63	00:01:00
CT-118	WSTBRNP	13:02:00	13:02:00	5D63	00:00:00
CT-118	OLDOXRB	13:06:30	13:06:30	5D63	00:00:00
CT-118	OLDOXRW	13:14:00	13:14:00	5D63	00:00:00
CT-118	OLDOXRD	13:17:00	14:11:00	5T60	00:54:00
CT-118	OLDOXRW	14:14:00	14:14:00	5T60	00:00:00
CT-118	OLDOXRB	14:18:30	14:18:30	5T60	00:00:00
CT-118	WSTBRNP	14:22:30	14:22:30	5T60	00:00:00
CT-118	PADTONX	14:23:30	14:24:30	2T60	00:01:00
CT-118	ABWD	14:54:30	15:06:30	2T69	00:12:00
CT-118	PADTONX	15:34:00	15:35:00	5T69	00:01:00



CT-118	WSTBRNP	15:37:00	15:44:00	5A76	00:07:00
CT-118	PADTONX	15:46:00	15:47:00	2A76	00:01:00
CT-118	ABWD	16:16:30	16:24:00	2B77	00:07:30
CT-118	PADTONX	16:51:30	16:52:30	5B77	00:01:00
CT-118	WSTBRNP	16:54:30	17:01:30	5W06	00:07:00
CT-118	PADTONX	17:03:30	17:04:30	2W06	00:01:00
CT-118	ILFORD	17:31:00	17:31:30	2W06	00:00:30
CT-118	SHENFLD	17:55:30	18:04:30	2A01	00:09:00
CT-118	PADTONX	18:55:00	18:56:00	5A01	00:01:00
CT-118	WSTBRNP	18:58:00	19:03:00	5B92	00:05:00
CT-118	PADTONX	19:05:00	19:06:00	2B92	00:01:00
CT-118	ILFORD	19:32:30	19:33:00	2B92	00:00:30
CT-118	SHENFLD	19:57:30	20:09:30	2W57	00:12:00
CT-118	PADTONX	21:00:00	21:01:00	5W57	00:01:00
CT-118	WSTBRNP	21:03:00	21:10:30	5W60	00:07:30
CT-118	PADTONX	21:12:30	21:13:30	2W60	00:01:00
CT-118	ILFORD	21:40:00	21:40:30	2W60	00:00:30
CT-118	SHENFLD	22:03:00	22:16:00	2B27	00:13:00
CT-118	PADTONX	23:06:30	23:07:30	5B27	00:01:00
CT-118	WSTBRNP	23:09:30	23:19:00	5B26	00:09:30
CT-118	PADTONX	23:21:00	23:22:00	2B26	00:01:00
CT-118	ABWD	23:50:00	00:04:00	2T21	00:14:00
CT-118	PADTONX	00:31:30	00:32:30	5D21	00:01:00
CT-118	WSTBRNP	00:33:30	00:33:30	5D21	00:00:00
CT-118	OLDOXRB	00:38:00	00:38:00	5D21	00:00:00
CT-118	OLDOXRW	00:45:30	00:45:30	5D21	00:00:00
CT-118	OLDOXRD	00:48:30			

Diagram CT-119		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-119	PLUMSDG		05:17:30	5T03	
CT-119	ABWD	05:27:00	05:34:00	2T03	00:07:00
CT-119	PADTONX	06:01:30	06:02:30	5T03	00:01:00
CT-119	WSTBRNP	06:04:30	06:14:00	5A12	00:09:30
CT-119	PADTONX	06:16:00	06:17:00	2A12	00:01:00
CT-119	ABWD	06:45:30	06:54:30	2B21	00:09:00
CT-119	PADTONX	07:22:00	07:23:00	5B21	00:01:00
CT-119	WSTBRNP	07:25:00	07:30:30	5A22	00:05:30
CT-119	PADTONX	07:32:30	07:33:30	2A22	00:01:00
CT-119	ILFORD	08:00:00	08:00:30	2A22	00:00:30
CT-119	SHENFLD	08:23:00	08:32:30	2A41	00:09:30
CT-119	PADTONX	09:25:00	09:26:00	5D41	00:01:00
CT-119	WSTBRNP	09:27:00	09:27:00	5D41	00:00:00
CT-119	OLDOXRB	09:31:30	09:31:30	5D41	00:00:00
CT-119	OLDOXRW	09:39:00	09:39:00	5D41	00:00:00
CT-119	OLDOXRD	09:42:00	16:33:30	5A84	06:51:30

CT-119	OLDOXRW	16:36:30	16:36:30 5A84	00:00:00
CT-119	OLDOXRB	16:41:00	16:41:00 5A84	00:00:00
CT-119	WSTBRNP	16:45:00	16:45:00 5A84	00:00:00
CT-119	PADTONX	16:46:00	16:47:00 2A84	00:01:00
CT-119	ABWD	17:17:00	17:24:00 2B85	00:07:00
CT-119	PADTONX	17:51:30	17:52:30 5B85	00:01:00
CT-119	WSTBRNP	17:54:30	18:01:30 5W30	00:07:00
CT-119	PADTONX	18:03:30	18:04:30 2W30	00:01:00
CT-119	ILFORD	18:31:00	18:31:30 2W30	00:00:30
CT-119	SHENFLD	18:54:00	18:55:00 5V30	00:01:00
CT-119	SHENFDS	18:57:00	19:18:00 5V30	00:21:00
CT-119	ILFEMUD	19:50:30		

Diagram CT-120		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-120	GIDEPKS		04:49:00	5A13	
CT-120	SHENFLD	04:58:30	05:06:00	2A13	00:07:30
CT-120	PADTONX	05:56:30	05:57:30	5A13	00:01:00
CT-120	WSTBRNP	05:59:30	06:07:00	5T04	00:07:30
CT-120	PADTONX	06:09:00	06:10:00	2T04	00:01:00
CT-120	ABWD	06:39:30	06:48:30	2T13	00:09:00
CT-120	PADTONX	07:16:00	07:17:00	5D13	00:01:00
CT-120	WSTBRNP	07:18:00	07:18:00	5D13	00:00:00
CT-120	OLDOXRB	07:22:30	07:22:30	5D13	00:00:00
CT-120	OLDOXRW	07:30:00	07:30:00	5D13	00:00:00
CT-120	OLDOXRD	07:33:00	08:08:30	5B24	00:35:30
CT-120	OLDOXRW	08:11:30	08:11:30	5B24	00:00:00
CT-120	OLDOXRB	08:16:00	08:16:00	5B24	00:00:00
CT-120	WSTBRNP	08:20:00	08:20:00	5B24	00:00:00
CT-120	PADTONX	08:21:00	08:22:00	2B24	00:01:00
CT-120	ABWD	08:52:00	08:58:30	2T33	00:06:30
CT-120	PADTONX	09:28:00	09:29:00	5T33	00:01:00
CT-120	WSTBRNP	09:31:00	09:36:30	5W64	00:05:30
CT-120	PADTONX	09:38:30	09:39:30	2W64	00:01:00
CT-120	ILFORD	10:06:00	10:06:30	2W64	00:00:30
CT-120	SHENFLD	10:29:00	10:39:30	2W51	00:10:30
CT-120	PADTONX	11:30:00	11:31:00	5D51	00:01:00
CT-120	WSTBRNP	11:32:00	11:32:00	5D51	00:00:00
CT-120	OLDOXRB	11:36:30	11:36:30	5D51	00:00:00
CT-120	OLDOXRW	11:44:00	11:44:00	5D51	00:00:00
CT-120	OLDOXRD	11:47:00	12:41:00	5T48	00:54:00
CT-120	OLDOXRW	12:44:00	12:44:00	5T48	00:00:00
CT-120	OLDOXRB	12:48:30	12:48:30	5T48	00:00:00
CT-120	WSTBRNP	12:52:30	12:52:30	5T48	00:00:00
CT-120	PADTONX	12:53:30	12:54:30	2T48	00:01:00
CT-120	ABWD	13:24:30	13:36:30	2T57	00:12:00

CT-120	PADTONX	14:04:00	14:05:00	5T57	00:01:00
CT-120	WSTBRNP	14:07:00	14:14:00	5A64	00:07:00
CT-120	PADTONX	14:16:00	14:17:00	2A64	00:01:00
CT-120	ABWD	14:47:00	14:59:00	2A73	00:12:00
CT-120	PADTONX	15:26:30	15:27:30	5A73	00:01:00
CT-120	WSTBRNP	15:29:30	15:36:30	5T70	00:07:00
CT-120	PADTONX	15:38:30	15:39:30	2T70	00:01:00
CT-120	ABWD	16:07:30	16:12:30	2A83	00:05:00
CT-120	PADTONX	16:40:00	16:41:00	5A83	00:01:00
CT-120	WSTBRNP	16:43:00	16:49:00	5B74	00:06:00
CT-120	PADTONX	16:51:00	16:52:00	2B74	00:01:00
CT-120	ABWD	17:22:00	17:29:00	2A93	00:07:00
CT-120	PADTONX	17:56:30	17:57:30	5A93	00:01:00
CT-120	WSTBRNP	17:59:30	18:06:30	5W32	00:07:00
CT-120	PADTONX	18:08:30	18:09:30	2W32	00:01:00
CT-120	ILFORD	18:36:00	18:36:30	2W32	00:00:30
CT-120	SHENFLD	18:59:00	19:09:30	2W49	00:10:30
CT-120	PADTONX	20:00:00	20:01:00	5W49	00:01:00
CT-120	WSTBRNP	20:03:00	20:10:30	5W52	00:07:30
CT-120	PADTONX	20:12:30	20:13:30	2W52	00:01:00
CT-120	ILFORD	20:40:00	20:40:30	2W52	00:00:30
CT-120	SHENFLD	21:05:00	21:17:00	2B19	00:12:00
CT-120	PADTONX	22:07:30	22:08:30	5D19	00:01:00
CT-120	WSTBRNP	22:09:30	22:09:30	5D19	00:00:00
CT-120	OLDOXRB	22:14:00	22:14:00	5D19	00:00:00
CT-120	OLDOXRW	22:21:30	22:21:30	5D19	00:00:00
CT-120	OLDOXRD	22:24:30			

Diagram CT-121		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-121	GIDEPKS		07:51:00	5W53	
CT-121	SHENFDS	08:04:00	08:20:30	5W53	00:16:30
CT-121	SHENFLD	08:22:30	08:23:30	2W53	00:01:00
CT-121	PADTONX	09:14:00	09:15:00	5D53	00:01:00
CT-121	WSTBRNP	09:16:00	09:16:00	5D53	00:00:00
CT-121	OLDOXRB	09:20:30	09:20:30	5D53	00:00:00
CT-121	OLDOXRW	09:28:00	09:28:00	5D53	00:00:00
CT-121	OLDOXRD	09:31:00	17:28:30	5T90	07:57:30
CT-121	OLDOXRW	17:31:30	17:31:30	5T90	00:00:00
CT-121	OLDOXRB	17:36:00	17:36:00	5T90	00:00:00
CT-121	WSTBRNP	17:40:00	17:40:00	5T90	00:00:00
CT-121	PADTONX	17:41:00	17:42:00	2T90	00:01:00
CT-121	ABWD	18:10:00	18:18:30	2S61	00:08:30
CT-121	PADTONX	18:46:00	18:47:00	5S61	00:01:00
CT-121	WSTBRNP	18:49:00	18:55:30	5W42	00:06:30
CT-121	PADTONX	18:57:30	18:58:30	2W42	00:01:00

CT-121	ILFORD	19:25:00	19:25:30 2W42	00:00:30
CT-121	SHENFLD	19:50:00	20:02:00 2B09	00:12:00
CT-121	PADTONX	20:52:30	20:53:30 5B09	00:01:00
CT-121	WSTBRNP	20:55:30	21:03:00 5B08	00:07:30
CT-121	PADTONX	21:05:00	21:06:00 2B08	00:01:00
CT-121	ILFORD	21:32:30	21:33:00 2B08	00:00:30
CT-121	SHENFLD	21:55:30	22:06:00 2A33	00:10:30
CT-121	PADTONX	22:56:30	22:57:30 5T59	00:01:00
CT-121	WSTBRNP	22:59:30	23:09:00 5T28	00:09:30
CT-121	PADTONX	23:11:00	23:12:00 2T28	00:01:00
CT-121	ABWD	23:40:00	23:54:00 2B37	00:14:00
CT-121	PADTONX	00:21:30	00:22:30 5D37	00:01:00
CT-121	WSTBRNP	00:23:30	00:23:30 5D37	00:00:00
CT-121	OLDOXRB	00:28:00	00:28:00 5D37	00:00:00
CT-121	OLDOXRW	00:35:30	00:35:30 5D37	00:00:00
CT-121	OLDOXRD	00:38:30		

Diagram CT-122		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-122	ILFEMUD		06:42:30	5W45	
CT-122	SHENFDS	07:09:30	08:00:30	5W45	00:51:00
CT-122	SHENFLD	08:02:30	08:03:30	2W45	00:01:00
CT-122	PADTONX	08:54:00	08:55:00	5D45	00:01:00
CT-122	WSTBRNP	08:57:00	09:04:00	5B30	00:07:00
CT-122	PADTONX	09:06:00	09:07:00	2B30	00:01:00
CT-122	ABWD	09:38:30	09:44:00	2A31	00:05:30
CT-122	PADTONX	10:11:30	10:12:30	5D31	00:01:00
CT-122	WSTBRNP	10:13:30	10:13:30	5D31	00:00:00
CT-122	OLDOXRB	10:18:00	10:18:00	5D31	00:00:00
CT-122	OLDOXRW	10:25:30	10:25:30	5D31	00:00:00
CT-122	OLDOXRD	10:28:30	11:00:00	5W50	00:31:30
CT-122	OLDOXRW	11:03:00	11:03:00	5W50	00:00:00
CT-122	OLDOXRB	11:07:30	11:07:30	5W50	00:00:00
CT-122	WSTBRNP	11:11:30	11:11:30	5W50	00:00:00
CT-122	PADTONX	11:12:30	11:13:30	2W50	00:01:00
CT-122	ILFORD	11:40:00	11:40:30	2W50	00:00:30
CT-122	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
CT-122	PADTONX	13:07:30	13:08:30	5B45	00:01:00
CT-122	WSTBRNP	13:10:30	13:18:00	5B46	00:07:30
CT-122	PADTONX	13:20:00	13:21:00	2B46	00:01:00
CT-122	ILFORD	13:47:30	13:48:00	2B46	00:00:30
CT-122	SHENFLD	14:12:30	14:24:30	2W81	00:12:00
CT-122	PADTONX	15:15:00	15:16:00	5W81	00:01:00
CT-122	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
CT-122	PADTONX	15:27:30	15:28:30	2W84	00:01:00
CT-122	ILFORD	15:55:00	15:55:30	2W84	00:00:30



CT-122	SHENFLD	16:21:00	16:28:30 2W09	00:07:30
CT-122	PADTONX	17:19:00	17:20:00 5D09	00:01:00
CT-122	WSTBRNP	17:21:00	17:21:00 5D09	00:00:00
CT-122	OLDOXRB	17:25:30	17:25:30 5D09	00:00:00
CT-122	OLDOXRW	17:33:00	17:33:00 5D09	00:00:00
CT-122	OLDOXRD	17:36:00	18:26:00 5W38	00:50:00
CT-122	OLDOXRW	18:29:00	18:29:00 5W38	00:00:00
CT-122	OLDOXRB	18:33:30	18:33:30 5W38	00:00:00
CT-122	WSTBRNP	18:37:30	18:37:30 5W38	00:00:00
CT-122	PADTONX	18:38:30	18:39:30 2W38	00:01:00
CT-122	ILFORD	19:06:00	19:06:30 2W38	00:00:30
CT-122	SHENFLD	19:29:00	19:39:30 2W53	00:10:30
CT-122	PADTONX	20:30:00	20:31:00 5W53	00:01:00
CT-122	WSTBRNP	20:33:00	20:40:30 5W56	00:07:30
CT-122	PADTONX	20:42:30	20:43:30 2W56	00:01:00
CT-122	ILFORD	21:10:00	21:10:30 2W56	00:00:30
CT-122	SHENFLD	21:33:00	21:46:00 2B23	00:13:00
CT-122	PADTONX	22:36:30	22:37:30 5B23	00:01:00
CT-122	WSTBRNP	22:39:30	22:49:00 5B22	00:09:30
CT-122	PADTONX	22:51:00	22:52:00 2B22	00:01:00
CT-122	ABWD	23:20:00	23:34:00 2T19	00:14:00
CT-122	PADTONX	00:01:30	00:05:00 5T19	00:03:30
CT-122	WSTBRNP	00:07:00	00:14:00 5A44	00:07:00
CT-122	PADTONX	00:16:00	00:17:00 2A44	00:01:00
CT-122	ILFORD	00:43:30	00:44:00 2A44	00:00:30
CT-122	SHENFLD	01:06:30	01:13:30 5V44	00:07:00
CT-122	ILFEMUD	01:38:30		

## Diagram CT-123

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-123	ILFEMUD		04:50:00	5B11	
CT-123	SHENFLD	05:08:30	05:16:00	2B11	00:07:30
CT-123	PADTONX	06:06:30	06:07:30	5B11	00:01:00
CT-123	WSTBRNP	06:09:30	06:18:00	5B08	00:08:30
CT-123	PADTONX	06:20:00	06:21:00	2B08	00:01:00
CT-123	ILFORD	06:47:30	06:48:00	2B08	00:00:30
CT-123	SHENFLD	07:11:30	07:18:30	2W27	00:07:00
CT-123	PADTONX	08:09:00	08:10:00	5D27	00:01:00
CT-123	WSTBRNP	08:11:00	08:11:00	5D27	00:00:00
CT-123	OLDOXRB	08:15:30	08:15:30	5D27	00:00:00
CT-123	OLDOXRW	08:23:00	08:23:00	5D27	00:00:00
CT-123	OLDOXRD	08:26:00	08:59:00	5T32	00:33:00
CT-123	OLDOXRW	09:02:00	09:02:00	5T32	00:00:00
CT-123	OLDOXRB	09:06:30	09:06:30	5T32	00:00:00
CT-123	WSTBRNP	09:10:30	09:10:30	5T32	00:00:00
CT-123	PADTONX	09:11:30	09:12:30	2T32	00:01:00

CT-123	ABWD	09:41:30	09:51:30 2T27	00:10:00
CT-123	PADTONX	10:19:00	10:20:00 5T27	00:01:00
CT-123	WSTBRNP	10:22:00	10:29:00 5A34	00:07:00
CT-123	PADTONX	10:31:00	10:32:00 2A34	00:01:00
CT-123	ABWD	11:02:00	11:14:00 2A43	00:12:00
CT-123	PADTONX	11:41:30	11:42:30 5D43	00:01:00
CT-123	WSTBRNP	11:43:30	11:43:30 5D43	00:00:00
CT-123	OLDOXRB	11:48:00	11:48:00 5D43	00:00:00
CT-123	OLDOXRW	11:55:30	11:55:30 5D43	00:00:00
CT-123	OLDOXRD	11:58:30	12:30:00 5W62	00:31:30
CT-123	OLDOXRW	12:33:00	12:33:00 5W62	00:00:00
CT-123	OLDOXRB	12:37:30	12:37:30 5W62	00:00:00
CT-123	WSTBRNP	12:41:30	12:41:30 5W62	00:00:00
CT-123	PADTONX	12:42:30	12:43:30 2W62	00:01:00
CT-123	ILFORD	13:10:00	13:10:30 2W62	00:00:30
CT-123	SHENFLD	13:35:00	13:47:00 2B57	00:12:00
CT-123	PADTONX	14:37:30	14:38:30 5B57	00:01:00
CT-123	WSTBRNP	14:40:30	14:48:00 5B58	00:07:30
CT-123	PADTONX	14:50:00	14:51:00 2B58	00:01:00
CT-123	ILFORD	15:17:30	15:18:00 2B58	00:00:30
CT-123	SHENFLD	15:43:30	15:52:30 2W95	00:09:00
CT-123	PADTONX	16:43:00	16:44:00 5W95	00:01:00
CT-123	WSTBRNP	16:46:00	16:51:30 5W02	00:05:30
CT-123	PADTONX	16:53:30	16:54:30 2W02	00:01:00
CT-123	ILFORD	17:21:00	17:21:30 2W02	00:00:30
CT-123	SHENFLD	17:44:00	17:52:30 2W37	00:08:30
CT-123	PADTONX	18:43:00	18:44:00 5D37	00:01:00
CT-123	WSTBRNP	18:45:00	18:45:00 5D37	00:00:00
CT-123	OLDOXRB	18:49:30	18:49:30 5D37	00:00:00
CT-123	OLDOXRW	18:57:00	18:57:00 5D37	00:00:00
CT-123	OLDOXRD	19:00:00	19:33:30 5A08	00:33:30
CT-123	OLDOXRW	19:36:30	19:36:30 5A08	00:00:00
CT-123	OLDOXRB	19:41:00	19:41:00 5A08	00:00:00
CT-123	WSTBRNP	19:45:00	19:45:00 5A08	00:00:00
CT-123	PADTONX	19:46:00	19:47:00 2A08	00:01:00
CT-123	ABWD	20:17:00	20:29:00 2A17	00:12:00
CT-123	PADTONX	20:56:30	20:57:30 5A17	00:01:00
CT-123	WSTBRNP	20:59:30	21:06:30 5T20	00:07:00
CT-123	PADTONX	21:08:30	21:09:30 2T20	00:01:00
CT-123	ABWD	21:39:30	21:48:00 2T59	00:08:30
CT-123	PADTONX	22:19:00	22:20:00 5T59	00:01:00
CT-123	WSTBRNP	22:22:00	22:29:00 5A30	00:07:00
CT-123	PADTONX	22:31:00	22:32:00 2A30	00:01:00
CT-123	ABWD	23:00:00	23:14:00 2A39	00:14:00
CT-123	PADTONX	23:41:30	23:42:30 5A39	00:01:00
CT-123	WSTBRNP	23:44:30	23:54:00 5W70	00:09:30

CT-123	PADTONX	23:56:00	23:57:00	2W70	00:01:00
CT-123	ILFORD	00:23:30	00:24:00	2W70	00:00:30
CT-123	SHENFLD	00:46:30	00:53:30	5V70	00:07:00
CT-123	ILFEMUD	01:18:30			

Diagram CT-124		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-124	PLUMSDG		05:07:30	5B09	
CT-124	ABWD	05:17:00	05:24:00	2B09	00:07:00
CT-124	PADTONX	05:51:30	05:52:30	5B09	00:01:00
CT-124	WSTBRNP	05:54:30	06:01:30	5T86	00:07:00
CT-124	PADTONX	06:03:30	06:04:30	2T86	00:01:00
CT-124	WOLWCHX	06:29:00	06:30:00	5T86	00:01:00
CT-124	PLUMSDG	06:41:30	07:55:30	5T25	01:14:00
CT-124	WOLWCHX	08:07:00	08:07:30	2T25	00:00:30
CT-124	PADTONX	08:31:30	08:32:30	5T25	00:01:00
CT-124	WSTBRNP	08:34:30	08:41:30	5W48	00:07:00
CT-124	PADTONX	08:43:30	08:44:30	2W48	00:01:00
CT-124	ILFORD	09:11:00	09:11:30	2W48	00:00:30
CT-124	SHENFLD	09:34:00	09:39:30	2W43	00:05:30
CT-124	PADTONX	10:30:00	10:31:00	5D43	00:01:00
CT-124	WSTBRNP	10:32:00	10:32:00	5D43	00:00:00
CT-124	OLDOXRB	10:36:30	10:36:30	5D43	00:00:00
CT-124	OLDOXRW	10:44:00	10:44:00	5D43	00:00:00
CT-124	OLDOXRD	10:47:00	11:41:00	5T40	00:54:00
CT-124	OLDOXRW	11:44:00	11:44:00	5T40	00:00:00
CT-124	OLDOXRB	11:48:30	11:48:30	5T40	00:00:00
CT-124	WSTBRNP	11:52:30	11:52:30	5T40	00:00:00
CT-124	PADTONX	11:53:30	11:54:30	2T40	00:01:00
CT-124	ABWD	12:24:30	12:36:30	2T49	00:12:00
CT-124	PADTONX	13:04:00	13:05:00	5T49	00:01:00
CT-124	WSTBRNP	13:07:00	13:14:00	5A56	00:07:00
CT-124	PADTONX	13:16:00	13:17:00	2A56	00:01:00
CT-124	ABWD	13:47:00	13:59:00	2A65	00:12:00
CT-124	PADTONX	14:26:30	14:27:30	5A65	00:01:00
CT-124	WSTBRNP	14:29:30	14:36:30	5T62	00:07:00
CT-124	PADTONX	14:38:30	14:39:30	2T62	00:01:00
CT-124	ABWD	15:09:30	15:21:30	2T71	00:12:00
CT-124	PADTONX	15:49:00	15:50:00	5T71	00:01:00
CT-124	WSTBRNP	15:52:00	15:57:30	5T74	00:05:30
CT-124	PADTONX	15:59:30	16:00:30	2T74	00:01:00
CT-124	ABWD	16:28:30	16:34:00	2T79	00:05:30
CT-124	PADTONX	17:01:30	17:02:30	5T79	00:01:00
CT-124	WSTBRNP	17:04:30	17:11:30	5W10	00:07:00
CT-124	PADTONX	17:13:30	17:14:30	2W10	00:01:00
CT-124	ILFORD	17:41:00	17:41:30	2W10	00:00:30

CT-124	SHENFLD	18:04:00	18:05:00	5W10	00:01:00
CT-124	SHENFDS	18:07:00			

Diagram CT-125		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-125	ILFEMUD		04:20:30	5L01	
CT-125	SHENFLD	04:39:00	04:46:00	2L01	00:07:00
CT-125	LIVST	05:24:30	05:38:00	2W02	00:13:30
CT-125	ILFORD	05:53:30	05:54:00	2W02	00:00:30
CT-125	SHENFLD	06:16:30	06:22:30	2W11	00:06:00
CT-125	PADTONX	07:13:00	07:14:00	5D11	00:01:00
CT-125	WSTBRNP	07:15:00	07:15:00	5D11	00:00:00
CT-125	OLDOXRB	07:19:30	07:19:30	5D11	00:00:00
CT-125	OLDOXRW	07:27:00	07:27:00	5D11	00:00:00
CT-125	OLDOXRD	07:30:00	08:06:00	5W38	00:36:00
CT-125	OLDOXRW	08:09:00	08:09:00	5W38	00:00:00
CT-125	OLDOXRB	08:13:30	08:13:30	5W38	00:00:00
CT-125	WSTBRNP	08:17:30	08:17:30	5W38	00:00:00
CT-125	PADTONX	08:18:30	08:19:30	2W38	00:01:00
CT-125	ILFORD	08:46:00	08:46:30	2W38	00:00:30
CT-125	SHENFLD	09:09:00	09:17:00	2B21	00:08:00
CT-125	PADTONX	10:07:30	10:08:30	5B21	00:01:00
CT-125	WSTBRNP	10:10:30	10:18:00	5B22	00:07:30
CT-125	PADTONX	10:20:00	10:21:00	2B22	00:01:00
CT-125	ILFORD	10:47:30	10:48:00	2B22	00:00:30
CT-125	SHENFLD	11:12:00	11:24:30	2W57	00:12:30
CT-125	PADTONX	12:15:00	12:16:00	5W57	00:01:00
CT-125	WSTBRNP	12:18:00	12:25:30	5W60	00:07:30
CT-125	PADTONX	12:27:30	12:28:30	2W60	00:01:00
CT-125	ILFORD	12:55:00	12:55:30	2W60	00:00:30
CT-125	SHENFLD	13:20:00	13:32:00	2B55	00:12:00
CT-125	PADTONX	14:22:30	14:23:30	5B55	00:01:00
CT-125	WSTBRNP	14:25:30	14:33:00	5B56	00:07:30
CT-125	PADTONX	14:35:00	14:36:00	2B56	00:01:00
CT-125	ILFORD	15:02:30	15:03:00	2B56	00:00:30
CT-125	SHENFLD	15:27:00	15:34:30	2A81	00:07:30
CT-125	PADTONX	16:25:00	16:26:00	5D81	00:01:00
CT-125	WSTBRNP	16:27:00	16:27:00	5D81	00:00:00
CT-125	OLDOXRB	16:31:30	16:31:30	5D81	00:00:00
CT-125	OLDOXRW	16:39:00	16:39:00	5D81	00:00:00
CT-125	OLDOXRD	16:42:00	17:08:30	5B78	00:26:30
CT-125	OLDOXRW	17:11:30	17:11:30	5B78	00:00:00
CT-125	OLDOXRB	17:16:00	17:16:00	5B78	00:00:00
CT-125	WSTBRNP	17:20:00	17:20:00	5B78	00:00:00
CT-125	PADTONX	17:21:00	17:22:00	2B78	00:01:00
CT-125	ABWD	17:52:00	18:00:00	2T85	00:08:00



CT-125	PADTONX	18:28:00	18:29:00 5D85	00:01:00
CT-125	WSTBRNP	18:30:00	18:30:00 5D85	00:00:00
CT-125	OLDOXRB	18:34:30	18:34:30 5D85	00:00:00
CT-125	OLDOXRW	18:42:00	18:42:00 5D85	00:00:00
CT-125	OLDOXRD	18:45:00	19:15:00 5W46	00:30:00
CT-125	OLDOXRW	19:18:00	19:18:00 5W46	00:00:00
CT-125	OLDOXRB	19:22:30	19:22:30 5W46	00:00:00
CT-125	WSTBRNP	19:26:30	19:26:30 5W46	00:00:00
CT-125	PADTONX	19:27:30	19:28:30 2W46	00:01:00
CT-125	ILFORD	19:55:00	19:55:30 2W46	00:00:30
CT-125	SHENFLD	20:20:00	20:32:00 2B13	00:12:00
CT-125	PADTONX	21:22:30	21:23:30 5B13	00:01:00
CT-125	WSTBRNP	21:25:30	21:33:00 5B12	00:07:30
CT-125	PADTONX	21:35:00	21:36:00 2B12	00:01:00
CT-125	ILFORD	22:02:30	22:03:00 2B12	00:00:30
CT-125	SHENFLD	22:25:30	22:36:00 2A37	00:10:30
CT-125	PADTONX	23:26:30	23:27:30 5A37	00:01:00
CT-125	WSTBRNP	23:29:30	23:39:00 5T30	00:09:30
CT-125	PADTONX	23:41:00	23:42:00 2T30	00:01:00
CT-125	ABWD	00:10:00	00:17:00 5T30	00:07:00
CT-125	PLUMSDG	00:26:00		

Diagram CT-126		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-126	GIDEPKS		07:26:30	5W37	
CT-126	SHENFLD	07:36:00	07:43:30	2W37	00:07:30
CT-126	PADTONX	08:34:00	08:35:00	5W37	00:01:00
CT-126	WSTBRNP	08:37:00	08:44:00	5A32	00:07:00
CT-126	PADTONX	08:46:00	08:47:00	2A32	00:01:00
CT-126	ABWD	09:15:30	09:24:30	2B41	00:09:00
CT-126	PADTONX	09:52:00	09:53:00	5D41	00:01:00
CT-126	WSTBRNP	09:54:00	09:54:00	5D41	00:00:00
CT-126	OLDOXRB	09:58:30	09:58:30	5D41	00:00:00
CT-126	OLDOXRW	10:06:00	10:06:00	5D41	00:00:00
CT-126	OLDOXRD	10:09:00	10:41:00	5T32	00:32:00
CT-126	OLDOXRW	10:44:00	10:44:00	5T32	00:00:00
CT-126	OLDOXRB	10:48:30	10:48:30	5T32	00:00:00
CT-126	WSTBRNP	10:52:30	10:52:30	5T32	00:00:00
CT-126	PADTONX	10:53:30	10:54:30	2T32	00:01:00
CT-126	ABWD	11:24:30	11:36:30	2T41	00:12:00
CT-126	PADTONX	12:04:00	12:05:00	5T41	00:01:00
CT-126	WSTBRNP	12:07:00	12:14:00	5A48	00:07:00
CT-126	PADTONX	12:16:00	12:17:00	2A48	00:01:00
CT-126	ABWD	12:47:00	12:59:00	2A57	00:12:00
CT-126	PADTONX	13:26:30	13:27:30	5A57	00:01:00
CT-126	WSTBRNP	13:29:30	13:36:30	5T54	00:07:00

CT-126	PADTONX	13:38:30	13:39:30	2T54	00:01:00
CT-126	ABWD	14:09:30	14:21:30	2T63	00:12:00
CT-126	PADTONX	14:49:00	14:50:00	5T63	00:01:00
CT-126	WSTBRNP	14:52:00	14:59:00	5A70	00:07:00
CT-126	PADTONX	15:01:00	15:02:00	2A70	00:01:00
CT-126	ABWD	15:32:00	15:42:30	2A79	00:10:30
CT-126	PADTONX	16:10:00	16:11:00	5D79	00:01:00
CT-126	WSTBRNP	16:12:00	16:12:00	5D79	00:00:00
CT-126	OLDOXRB	16:16:30	16:16:30	5D79	00:00:00
CT-126	OLDOXRW	16:24:00	16:24:00	5D79	00:00:00
CT-126	OLDOXRD	16:27:00	16:58:30	5T86	00:31:30
CT-126	OLDOXRW	17:01:30	17:01:30	5T86	00:00:00
CT-126	OLDOXRB	17:06:00	17:06:00	5T86	00:00:00
CT-126	WSTBRNP	17:10:00	17:10:00	5T86	00:00:00
CT-126	PADTONX	17:11:00	17:12:00	2T86	00:01:00
CT-126	ABWD	17:42:00	17:49:00	2S59	00:07:00
CT-126	PADTONX	18:16:30	18:17:30	5S59	00:01:00
CT-126	WSTBRNP	18:19:30	18:24:30	5W36	00:05:00
CT-126	PADTONX	18:26:30	18:27:30	2W36	00:01:00
CT-126	ILFORD	18:54:00	18:54:30	2W36	00:00:30
CT-126	SHENFLD	19:19:00	19:32:00	2B05	00:13:00
CT-126	PADTONX	20:22:30	20:23:30	5B05	00:01:00
CT-126	WSTBRNP	20:25:30	20:33:00	5B04	00:07:30
CT-126	PADTONX	20:35:00	20:36:00	2B04	00:01:00
CT-126	ILFORD	21:02:30	21:03:00	2B04	00:00:30
CT-126	SHENFLD	21:25:30	21:36:00	2A29	00:10:30
CT-126	PADTONX	22:26:30	22:27:30	5A29	00:01:00
CT-126	WSTBRNP	22:29:30	22:39:00	5T30	00:09:30
CT-126	PADTONX	22:41:00	22:42:00	2T30	00:01:00
CT-126	ABWD	23:10:00	23:24:00	2B33	00:14:00
CT-126	PADTONX	23:51:30	23:52:30	5B33	00:01:00
CT-126	WSTBRNP	23:54:30	00:04:00	5B32	00:09:30
CT-126	PADTONX	00:06:00	00:07:00	2B32	00:01:00
CT-126	ILFORD	00:33:30	00:34:00	2B32	00:00:30
CT-126	SHENFLD	00:56:30	01:03:30	5B32	00:07:00
CT-126	GIDEPKS	01:13:00			

Diagram CT-127

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-127	OLDOXRD		04:47:00	5T10	
CT-127	OLDOXRW	04:50:00	04:50:00	5T10	00:00:00
CT-127	OLDOXRB	04:54:30	04:54:30	5T10	00:00:00
CT-127	PADTON	05:01:00	05:12:00	2T10	00:11:00
CT-127	HTRWTM4	05:41:00	06:03:00	2Y11	00:22:00
CT-127	PADTON	06:34:00	06:42:00	2T16	00:08:00
CT-127	HTRWTM4	07:11:00	07:33:00	2Y17	00:22:00

CT-127	PADTON	08:04:00	08:12:00 2T22	00:08:00
CT-127	HTRWTM4	08:41:00	09:03:00 2Y23	00:22:00
CT-127	PADTON	09:34:00	09:42:00 2T28	00:08:00
CT-127	HTRWTM4	10:11:00	10:33:00 2Y29	00:22:00
CT-127	PADTON	11:04:00	11:12:00 2T34	00:08:00
CT-127	HTRWTM4	11:41:00	12:03:00 2Y35	00:22:00
CT-127	PADTON	12:34:00	12:42:00 2T40	00:08:00
CT-127	HTRWTM4	13:11:00	13:33:00 2Y41	00:22:00
CT-127	PADTON	14:04:00	14:12:00 2T46	00:08:00
CT-127	HTRWTM4	14:41:00	15:03:00 2Y47	00:22:00
CT-127	PADTON	15:34:00	15:42:00 2T52	00:08:00
CT-127	HTRWTM4	16:11:00	16:33:00 2Y53	00:22:00
CT-127	PADTON	17:04:00	17:12:00 2T58	00:08:00
CT-127	HTRWTM4	17:41:00	18:03:00 2Y59	00:22:00
CT-127	PADTON	18:34:00	18:42:00 2T64	00:08:00
CT-127	HTRWTM4	19:11:00	19:33:00 2Y65	00:22:00
CT-127	PADTON	20:04:00	20:12:00 2T70	00:08:00
CT-127	HTRWTM4	20:41:00	21:03:00 2Y71	00:22:00
CT-127	PADTON	21:34:00	21:42:00 2T76	00:08:00
CT-127	HTRWTM4	22:11:00	22:33:00 2Y77	00:22:00
CT-127	PADTON	23:04:00	23:12:00 2T82	00:08:00
CT-127	HTRWTM4	23:41:00	00:03:00 2Y83	00:22:00
CT-127	PADTON	00:34:00	00:41:00 5Y83	00:07:00
CT-127	OLDOXRB	00:46:30	00:46:30 5Y83	00:00:00
CT-127	OLDOXRW	00:54:00	00:54:00 5Y83	00:00:00
CT-127	OLDOXRD	00:57:00		

Diagram CT-128			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-128	OLDOXRD		05:02:00	5T11	
CT-128	OLDOXRW	05:05:00	05:05:00	5T11	00:00:00
CT-128	OLDOXRB	05:09:30	05:09:30	5T11	00:00:00
CT-128	PADTON	05:16:00	05:27:00	2T11	00:11:00
CT-128	HTRWTM4	05:56:00	06:18:00	2Y12	00:22:00
CT-128	PADTON	06:49:00	06:57:00	2T17	00:08:00
CT-128	HTRWTM4	07:26:00	07:48:00	2Y18	00:22:00
CT-128	PADTON	08:19:00	08:27:00	2T23	00:08:00
CT-128	HTRWTM4	08:56:00	09:18:00	2Y24	00:22:00
CT-128	PADTON	09:49:00	09:57:00	2T29	00:08:00
CT-128	HTRWTM4	10:26:00	10:48:00	2Y30	00:22:00
CT-128	PADTON	11:19:00	11:27:00	2T35	00:08:00
CT-128	HTRWTM4	11:56:00	12:18:00	2Y36	00:22:00
CT-128	PADTON	12:49:00	12:57:00	2T41	00:08:00
CT-128	HTRWTM4	13:26:00	13:48:00	2Y42	00:22:00
CT-128	PADTON	14:19:00	14:27:00	2T47	00:08:00
CT-128	HTRWTM4	14:56:00	15:18:00	2Y48	00:22:00

CT-128	PADTON	15:49:00	15:57:00	2T53	00:08:00
CT-128	HTRWTM4	16:26:00	16:48:00	2Y54	00:22:00
CT-128	PADTON	17:19:00	17:27:00	2T59	00:08:00
CT-128	HTRWTM4	17:56:00	18:18:00	2Y60	00:22:00
CT-128	PADTON	18:49:00	18:57:00	2T65	00:08:00
CT-128	HTRWTM4	19:26:00	19:48:00	2Y66	00:22:00
CT-128	PADTON	20:19:00	20:27:00	2T71	00:08:00
CT-128	HTRWTM4	20:56:00	21:18:00	2Y72	00:22:00
CT-128	PADTON	21:49:00	21:57:00	2T77	00:08:00
CT-128	HTRWTM4	22:26:00	22:48:00	2Y78	00:22:00
CT-128	PADTON	23:19:00	23:27:00	2T83	00:08:00
CT-128	HTRWTM4	23:56:00	00:13:00	5T83	00:17:00
CT-128	OLDOECL	00:36:30	00:43:30	5T83	00:07:00
CT-128	OLDOXRD	00:51:30			

## Diagram CT-129

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-129	OLDOXRD		05:20:00	5T12	
CT-129	OLDOXRW	05:23:00	05:23:00	5T12	00:00:00
CT-129	OLDOXRB	05:27:30	05:27:30	5T12	00:00:00
CT-129	PADTON	05:34:00	05:42:00	2T12	00:08:00
CT-129	HTRWTM4	06:11:00	06:33:00	2Y13	00:22:00
CT-129	PADTON	07:04:00	07:12:00	2T18	00:08:00
CT-129	HTRWTM4	07:41:00	08:03:00	2Y19	00:22:00
CT-129	PADTON	08:34:00	08:42:00	2T24	00:08:00
CT-129	HTRWTM4	09:11:00	09:33:00	2Y25	00:22:00
CT-129	PADTON	10:04:00	10:12:00	2T30	00:08:00
CT-129	HTRWTM4	10:41:00	11:03:00	2Y31	00:22:00
CT-129	PADTON	11:34:00	11:42:00	2T36	00:08:00
CT-129	HTRWTM4	12:11:00	12:33:00	2Y37	00:22:00
CT-129	PADTON	13:04:00	13:12:00	2T42	00:08:00
CT-129	HTRWTM4	13:41:00	14:03:00	2Y43	00:22:00
CT-129	PADTON	14:34:00	14:42:00	2T48	00:08:00
CT-129	HTRWTM4	15:11:00	15:33:00	2Y49	00:22:00
CT-129	PADTON	16:04:00	16:12:00	2T54	00:08:00
CT-129	HTRWTM4	16:41:00	17:03:00	2Y55	00:22:00
CT-129	PADTON	17:34:00	17:42:00	2T60	00:08:00
CT-129	HTRWTM4	18:11:00	18:33:00	2Y61	00:22:00
CT-129	PADTON	19:04:00	19:12:00	2T66	00:08:00
CT-129	HTRWTM4	19:41:00	20:03:00	2Y67	00:22:00
CT-129	PADTON	20:34:00	20:42:00	2T72	00:08:00
CT-129	HTRWTM4	21:11:00	21:33:00	2Y73	00:22:00
CT-129	PADTON	22:04:00	22:12:00	2T78	00:08:00
CT-129	HTRWTM4	22:41:00	23:03:00	2Y79	00:22:00
CT-129	PADTON	23:34:00	23:42:00	2T84	00:08:00
CT-129	HTRWTM4	00:11:00	00:18:00	5T84	00:07:00

CT-129	PADTON	00:45:00	00:52:00	5T84	00:07:00
CT-129	OLDOXRB	00:57:30	00:57:30	5T84	00:00:00
CT-129	OLDOXRW	01:05:00	01:05:00	5T84	00:00:00
CT-129	OLDOXRD	01:08:00			

Diagram CT-130		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-130	OLDOXRD		04:23:00	5Y08	
CT-130	OLDOXRW	04:26:00	04:26:00	5Y08	00:00:00
CT-130	OLDOXRB	04:30:30	04:30:30	5Y08	00:00:00
CT-130	PADTON	04:37:00	04:45:00	5Y08	00:08:00
CT-130	HTRWTM4	05:06:00	05:18:00	2Y08	00:12:00
CT-130	PADTON	05:49:00	05:57:00	2T13	00:08:00
CT-130	HTRWTM4	06:26:00	06:48:00	2Y14	00:22:00
CT-130	PADTON	07:19:00	07:27:00	2T19	00:08:00
CT-130	HTRWTM4	07:56:00	08:18:00	2Y20	00:22:00
CT-130	PADTON	08:49:00	08:57:00	2T25	00:08:00
CT-130	HTRWTM4	09:26:00	09:48:00	2Y26	00:22:00
CT-130	PADTON	10:19:00	10:27:00	2T31	00:08:00
CT-130	HTRWTM4	10:56:00	11:18:00	2Y32	00:22:00
CT-130	PADTON	11:49:00	11:57:00	2T37	00:08:00
CT-130	HTRWTM4	12:26:00	12:48:00	2Y38	00:22:00
CT-130	PADTON	13:19:00	13:27:00	2T43	00:08:00
CT-130	HTRWTM4	13:56:00	14:18:00	2Y44	00:22:00
CT-130	PADTON	14:49:00	14:57:00	2T49	00:08:00
CT-130	HTRWTM4	15:26:00	15:48:00	2Y50	00:22:00
CT-130	PADTON	16:19:00	16:27:00	2T55	00:08:00
CT-130	HTRWTM4	16:56:00	17:18:00	2Y56	00:22:00
CT-130	PADTON	17:49:00	17:57:00	2T61	00:08:00
CT-130	HTRWTM4	18:26:00	18:48:00	2Y62	00:22:00
CT-130	PADTON	19:19:00	19:27:00	2T67	00:08:00
CT-130	HTRWTM4	19:56:00	20:18:00	2Y68	00:22:00
CT-130	PADTON	20:49:00	20:57:00	2T73	00:08:00
CT-130	HTRWTM4	21:26:00	21:48:00	2Y74	00:22:00
CT-130	PADTON	22:19:00	22:27:00	2T79	00:08:00
CT-130	HTRWTM4	22:56:00	23:18:00	2Y80	00:22:00
CT-130	PADTON	23:49:00	23:57:00	2T85	00:08:00
CT-130	HTRWTM4	00:26:00	00:33:00	5T85	00:07:00
CT-130	OLDOECL	00:53:30	01:00:30	5T85	00:07:00
CT-130	OLDOXRD	01:08:30			

Diagram CT-131		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-131	OLDOXRD		04:35:30	5Y09	
CT-131	OLDOECL	04:43:30	04:50:30	5Y09	00:07:00
CT-131	HTRWTM4	05:13:00	05:33:00	2Y09	00:20:00



CT-131	PADTON	06:04:00	06:12:00	2T14	00:08:00
CT-131	HTRWTM4	06:41:00	07:03:00	2Y15	00:22:00
CT-131	PADTON	07:34:00	07:42:00	2T20	00:08:00
CT-131	HTRWTM4	08:11:00	08:33:00	2Y21	00:22:00
CT-131	PADTON	09:04:00	09:12:00	2T26	00:08:00
CT-131	HTRWTM4	09:41:00	10:03:00	2Y27	00:22:00
CT-131	PADTON	10:34:00	10:42:00	2T32	00:08:00
CT-131	HTRWTM4	11:11:00	11:33:00	2Y33	00:22:00
CT-131	PADTON	12:04:00	12:12:00	2T38	00:08:00
CT-131	HTRWTM4	12:41:00	13:03:00	2Y39	00:22:00
CT-131	PADTON	13:34:00	13:42:00	2T44	00:08:00
CT-131	HTRWTM4	14:11:00	14:33:00	2Y45	00:22:00
CT-131	PADTON	15:04:00	15:12:00	2T50	00:08:00
CT-131	HTRWTM4	15:41:00	16:03:00	2Y51	00:22:00
CT-131	PADTON	16:34:00	16:42:00	2T56	00:08:00
CT-131	HTRWTM4	17:11:00	17:33:00	2Y57	00:22:00
CT-131	PADTON	18:04:00	18:12:00	2T62	00:08:00
CT-131	HTRWTM4	18:41:00	19:03:00	2Y63	00:22:00
CT-131	PADTON	19:35:00	19:42:00	2T68	00:07:00
CT-131	HTRWTM4	20:11:00	20:33:00	2Y69	00:22:00
CT-131	PADTON	21:04:00	21:12:00	2T74	00:08:00
CT-131	HTRWTM4	21:41:00	22:03:00	2Y75	00:22:00
CT-131	PADTON	22:34:00	22:42:00	2T80	00:08:00
CT-131	HTRWTM4	23:11:00	23:33:00	2Y81	00:22:00
CT-131	PADTON	00:04:00	00:12:00	2T86	00:08:00
CT-131	HTRWTM4	00:41:00	00:48:00	5T86	00:07:00
CT-131	PADTON	01:07:00	01:14:00	5T86	00:07:00
CT-131	OLDOXRB	01:19:30	01:19:30	5T86	00:00:00
CT-131	OLDOXRW	01:27:00	01:27:00	5T86	00:00:00
CT-131	OLDOXRD	01:30:00			

Diagram CT-132			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-132	ILFEMUD		05:20:00	5W04	
CT-132	LIVST	05:41:00	05:46:00	2W04	00:05:00
CT-132	ILFORD	06:01:30	06:02:00	2W04	00:00:30
CT-132	SHENFLD	06:25:30	06:34:30	2A25	00:09:00
CT-132	PADTONX	07:25:00	07:26:00	5A25	00:01:00
CT-132	WSTBRNP	07:28:00	07:33:30	5B18	00:05:30
CT-132	PADTONX	07:35:30	07:36:30	2B18	00:01:00
CT-132	ABWD	08:04:30	08:14:00	2A35	00:09:30
CT-132	PADTONX	08:41:30	08:42:30	5A35	00:01:00
CT-132	WSTBRNP	08:44:30	08:51:30	5W52	00:07:00
CT-132	PADTONX	08:53:30	08:54:30	2W52	00:01:00
CT-132	ILFORD	09:21:00	09:21:30	2W52	00:00:30
CT-132	SHENFLD	09:44:00	09:51:00	5W52	00:07:00

CT-132 GIDEPKS 10:00:30

Diagram CT-133			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-133	OLDOXRD		04:35:00	5T09	
CT-133	OLDOXRW	04:38:00	04:38:00	5T09	00:00:00
CT-133	OLDOXRB	04:42:30	04:42:30	5T09	00:00:00
CT-133	PADTON	04:49:00	04:57:00	2T09	00:08:00
CT-133	HTRWTM4	05:26:00	05:48:00	2Y10	00:22:00
CT-133	PADTON	06:19:00	06:27:00	2T15	00:08:00
CT-133	HTRWTM4	06:56:00	07:18:00	2Y16	00:22:00
CT-133	PADTON	07:49:00	07:57:00	2T21	00:08:00
CT-133	HTRWTM4	08:26:00	08:48:00	2Y22	00:22:00
CT-133	PADTON	09:19:00	09:27:00	2T27	00:08:00
CT-133	HTRWTM4	09:56:00	10:18:00	2Y28	00:22:00
CT-133	PADTON	10:49:00	10:57:00	2T33	00:08:00
CT-133	HTRWTM4	11:26:00	11:48:00	2Y34	00:22:00
CT-133	PADTON	12:19:00	12:27:00	2T39	00:08:00
CT-133	HTRWTM4	12:56:00	13:18:00	2Y40	00:22:00
CT-133	PADTON	13:49:00	13:57:00	2T45	00:08:00
CT-133	HTRWTM4	14:26:00	14:48:00	2Y46	00:22:00
CT-133	PADTON	15:19:00	15:27:00	2T51	00:08:00
CT-133	HTRWTM4	15:56:00	16:18:00	2Y52	00:22:00
CT-133	PADTON	16:50:00	16:57:00	2T57	00:07:00
CT-133	HTRWTM4	17:26:00	17:48:00	2Y58	00:22:00
CT-133	PADTON	18:19:00	18:27:00	2T63	00:08:00
CT-133	HTRWTM4	18:56:00	19:18:00	2Y64	00:22:00
CT-133	PADTON	19:49:00	19:57:00	2T69	00:08:00
CT-133	HTRWTM4	20:26:00	20:48:00	2Y70	00:22:00
CT-133	PADTON	21:19:00	21:27:00	2T75	00:08:00
CT-133	HTRWTM4	21:56:00	22:18:00	2Y76	00:22:00
CT-133	PADTON	22:49:00	22:57:00	2T81	00:08:00
CT-133	HTRWTM4	23:26:00	23:48:00	2Y82	00:22:00
CT-133	PADTON	00:19:00	00:30:00	5Y82	00:11:00
CT-133	OLDOXRB	00:36:30	00:36:30	5Y82	00:00:00
CT-133	OLDOXRW	00:44:30	00:44:30	5Y82	00:00:00
CT-133	OLDOXRD	00:47:30			

Diagram CT-134			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-134	OLDOXRD		06:44:00	5W14	
CT-134	OLDOXRW	06:47:00	06:47:00	5W14	00:00:00
CT-134	OLDOXRB	06:51:30	06:51:30	5W14	00:00:00
CT-134	WSTBRNP	06:55:30	06:55:30	5W14	00:00:00
CT-134	PADTONX	06:56:30	06:57:30	2W14	00:01:00
CT-134	ILFORD	07:24:00	07:24:30	2W14	00:00:30

CT-134	SHENFLD	07:47:00	07:53:30 2W41	00:06:30
CT-134	PADTONX	08:44:00	08:45:00 5W41	00:01:00
CT-134	WSTBRNP	08:47:00	08:54:00 5T30	00:07:00
CT-134	PADTONX	08:56:00	08:57:00 2T30	00:01:00
CT-134	WOLWCHX	09:21:30	09:22:30 5T30	00:01:00
CT-134	PLUMSDG	09:34:00	16:30:30 5B79	06:56:30
CT-134	WOLWCHX	16:42:00	16:42:30 2B79	00:00:30
CT-134	PADTONX	17:06:30	17:07:30 5B79	00:01:00
CT-134	WSTBRNP	17:09:30	17:16:30 5W12	00:07:00
CT-134	PADTONX	17:18:30	17:19:30 2W12	00:01:00
CT-134	ILFORD	17:46:00	17:46:30 2W12	00:00:30
CT-134	SHENFLD	18:09:00	18:17:00 2B95	00:08:00
CT-134	PADTONX	19:07:30	19:08:30 5B95	00:01:00
CT-134	WSTBRNP	19:10:30	19:18:00 5B94	00:07:30
CT-134	PADTONX	19:20:00	19:21:00 2B94	00:01:00
CT-134	ILFORD	19:47:30	19:48:00 2B94	00:00:30
CT-134	SHENFLD	20:12:00	20:24:30 2W59	00:12:30
CT-134	PADTONX	21:15:00	21:16:00 5D59	00:01:00
CT-134	WSTBRNP	21:17:00	21:17:00 5D59	00:00:00
CT-134	OLDOXRB	21:21:30	21:21:30 5D59	00:00:00
CT-134	OLDOXRW	21:29:00	21:29:00 5D59	00:00:00
CT-134	OLDOXRD	21:32:00	22:08:30 5B18	00:36:30
CT-134	OLDOXRW	22:11:30	22:11:30 5B18	00:00:00
CT-134	OLDOXRB	22:16:00	22:16:00 5B18	00:00:00
CT-134	WSTBRNP	22:20:00	22:20:00 5B18	00:00:00
CT-134	PADTONX	22:21:00	22:22:00 2B18	00:01:00
CT-134	ABWD	22:50:00	23:04:00 2T17	00:14:00
CT-134	PADTONX	23:31:30	23:35:00 5T17	00:03:30
CT-134	WSTBRNP	23:37:00	23:44:00 5A40	00:07:00
CT-134	PADTONX	23:46:00	23:47:00 2A40	00:01:00
CT-134	ILFORD	00:13:30	00:14:00 2A40	00:00:30
CT-134	SHENFLD	00:36:30	00:43:30 5A40	00:07:00
CT-134	GIDEPKS	00:53:00		

Diagram CT-135			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-135	OLDOXRD		07:31:00	5W24	
CT-135	OLDOXRW	07:34:00	07:34:00	5W24	00:00:00
CT-135	OLDOXRB	07:38:30	07:38:30	5W24	00:00:00
CT-135	WSTBRNP	07:42:30	07:42:30	5W24	00:00:00
CT-135	PADTONX	07:43:30	07:44:30	2W24	00:01:00
CT-135	ILFORD	08:11:00	08:11:30	2W24	00:00:30
CT-135	SHENFLD	08:35:00	08:40:30	2W57	00:05:30
CT-135	PADTONX	09:31:00	09:32:00	5W57	00:01:00
CT-135	WSTBRNP	09:34:00	09:39:30	5T38	00:05:30
CT-135	PADTONX	09:41:30	09:42:30	2T38	00:01:00



CT-135	ABWD	10:10:30	10:21:30 2T31	00:11:00
CT-135	PADTONX	10:49:00	10:50:00 5T31	00:01:00
CT-135	WSTBRNP	10:52:00	10:59:00 5A38	00:07:00
CT-135	PADTONX	11:01:00	11:02:00 2A38	00:01:00
CT-135	ABWD	11:32:00	11:44:00 2A47	00:12:00
CT-135	PADTONX	12:11:30	12:12:30 5D47	00:01:00
CT-135	WSTBRNP	12:13:30	12:13:30 5D47	00:00:00
CT-135	OLDOXRB	12:18:00	12:18:00 5D47	00:00:00
CT-135	OLDOXRW	12:25:30	12:25:30 5D47	00:00:00
CT-135	OLDOXRD	12:28:30	13:00:00 5W66	00:31:30
CT-135	OLDOXRW	13:03:00	13:03:00 5W66	00:00:00
CT-135	OLDOXRB	13:07:30	13:07:30 5W66	00:00:00
CT-135	WSTBRNP	13:11:30	13:11:30 5W66	00:00:00
CT-135	PADTONX	13:12:30	13:13:30 2W66	00:01:00
CT-135	ILFORD	13:40:00	13:40:30 2W66	00:00:30
CT-135	SHENFLD	14:05:00	14:17:00 2B61	00:12:00
CT-135	PADTONX	15:07:30	15:08:30 5B61	00:01:00
CT-135	WSTBRNP	15:10:30	15:18:00 5B62	00:07:30
CT-135	PADTONX	15:20:00	15:21:00 2B62	00:01:00
CT-135	ILFORD	15:47:30	15:48:00 2B62	00:00:30
CT-135	SHENFLD	16:12:00	16:18:30 2W05	00:06:30
CT-135	PADTONX	17:09:00	17:10:00 5D05	00:01:00
CT-135	WSTBRNP	17:11:00	17:11:00 5D05	00:00:00
CT-135	OLDOXRB	17:15:30	17:15:30 5D05	00:00:00
CT-135	OLDOXRW	17:23:00	17:23:00 5D05	00:00:00
CT-135	OLDOXRD	17:26:00	17:58:30 5T94	00:32:30
CT-135	OLDOXRW	18:01:30	18:01:30 5T94	00:00:00
CT-135	OLDOXRB	18:06:00	18:06:00 5T94	00:00:00
CT-135	WSTBRNP	18:10:00	18:10:00 5T94	00:00:00
CT-135	PADTONX	18:11:00	18:12:30 2T94	00:01:30
CT-135	ABWD	18:41:00	18:51:00 2T93	00:10:00
CT-135	PADTONX	19:19:00	19:20:00 5T93	00:01:00
CT-135	WSTBRNP	19:22:00	19:29:00 5A06	00:07:00
CT-135	PADTONX	19:31:00	19:32:00 2A06	00:01:00
CT-135	ABWD	20:02:00	20:14:00 2A15	00:12:00
CT-135	PADTONX	20:41:30	20:42:30 5A15	00:01:00
CT-135	WSTBRNP	20:44:30	20:51:30 5T18	00:07:00
CT-135	PADTONX	20:53:30	20:54:30 2T18	00:01:00
CT-135	ABWD	21:22:30	21:36:30 2T15	00:14:00
CT-135	PADTONX	22:04:00	22:05:00 5T15	00:01:00
CT-135	WSTBRNP	22:07:00	22:14:00 5A28	00:07:00
CT-135	PADTONX	22:16:00	22:17:00 2A28	00:01:00
CT-135	ILFORD	22:43:30	22:44:00 2A28	00:00:30
CT-135	SHENFLD	23:09:00	23:16:00 2B35	00:07:00
CT-135	PADTONX	00:06:30	00:07:30 5B35	00:01:00
CT-135	WSTBRNP	00:09:30	00:19:00 5B34	00:09:30

CT-135	PADTONX	00:21:00	00:22:00	2B34	00:01:00
CT-135	ABWD	00:50:00	00:57:00	5B34	00:07:00
CT-135	PLUMSDG	01:06:00			

Diagram CT-136		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-136	OLDOXRD		07:41:00	5W28	
CT-136	OLDOXRW	07:44:00	07:44:00	5W28	00:00:00
CT-136	OLDOXRB	07:48:30	07:48:30	5W28	00:00:00
CT-136	WSTBRNP	07:52:30	07:52:30	5W28	00:00:00
CT-136	PADTONX	07:53:30	07:54:30	2W28	00:01:00
CT-136	ILFORD	08:21:00	08:21:30	2W28	00:00:30
CT-136	SHENFLD	08:44:00	08:52:30	2W59	00:08:30
CT-136	PADTONX	09:43:00	09:44:00	5W59	00:01:00
CT-136	WSTBRNP	09:46:00	09:51:30	5T40	00:05:30
CT-136	PADTONX	09:53:30	09:54:30	2T40	00:01:00
CT-136	ABWD	10:24:30	10:36:30	2T33	00:12:00
CT-136	PADTONX	11:04:00	11:05:00	5T33	00:01:00
CT-136	WSTBRNP	11:07:00	11:14:00	5A40	00:07:00
CT-136	PADTONX	11:16:00	11:17:00	2A40	00:01:00
CT-136	ABWD	11:47:00	11:59:00	2A49	00:12:00
CT-136	PADTONX	12:26:30	12:27:30	5A49	00:01:00
CT-136	WSTBRNP	12:29:30	12:36:30	5T46	00:07:00
CT-136	PADTONX	12:38:30	12:39:30	2T46	00:01:00
CT-136	ABWD	13:09:30	13:21:30	2T55	00:12:00
CT-136	PADTONX	13:49:00	13:50:00	5T55	00:01:00
CT-136	WSTBRNP	13:52:00	13:59:00	5A62	00:07:00
CT-136	PADTONX	14:01:00	14:02:00	2A62	00:01:00
CT-136	ABWD	14:32:00	14:44:00	2A71	00:12:00
CT-136	PADTONX	15:11:30	15:12:30	5D71	00:01:00
CT-136	WSTBRNP	15:13:30	15:13:30	5D71	00:00:00
CT-136	OLDOXRB	15:18:00	15:18:00	5D71	00:00:00
CT-136	OLDOXRW	15:25:30	15:25:30	5D71	00:00:00
CT-136	OLDOXRD	15:28:30	15:59:00	5T76	00:30:30
CT-136	OLDOXRW	16:02:00	16:02:00	5T76	00:00:00
CT-136	OLDOXRB	16:06:30	16:06:30	5T76	00:00:00
CT-136	WSTBRNP	16:10:30	16:10:30	5T76	00:00:00
CT-136	PADTONX	16:11:30	16:12:30	2T76	00:01:00
CT-136	ABWD	16:40:30	16:49:00	2S55	00:08:30
CT-136	PADTONX	17:16:30	17:17:30	5S55	00:01:00
CT-136	WSTBRNP	17:19:30	17:26:30	5W16	00:07:00
CT-136	PADTONX	17:28:30	17:29:30	2W16	00:01:00
CT-136	ILFORD	17:56:00	17:56:30	2W16	00:00:30
CT-136	SHENFLD	18:19:30	18:32:30	2B97	00:13:00
CT-136	PADTONX	19:23:00	19:24:00	5B97	00:01:00
CT-136	WSTBRNP	19:26:00	19:33:00	5B96	00:07:00

CT-136	PADTONX	19:35:00	19:36:00	2B96	00:01:00
CT-136	ILFORD	20:02:30	20:03:00	2B96	00:00:30
CT-136	SHENFLD	20:27:30	20:39:30	2W61	00:12:00
CT-136	PADTONX	21:30:00	21:31:00	5W61	00:01:00
CT-136	WSTBRNP	21:33:00	21:40:30	5W64	00:07:30
CT-136	PADTONX	21:42:30	21:43:30	2W64	00:01:00
CT-136	ILFORD	22:10:00	22:10:30	2W64	00:00:30
CT-136	SHENFLD	22:33:00	22:46:00	2B31	00:13:00
CT-136	PADTONX	23:36:30	23:37:30	5B31	00:01:00
CT-136	WSTBRNP	23:39:30	23:49:00	5B30	00:09:30
CT-136	PADTONX	23:51:00	23:52:00	2B30	00:01:00
CT-136	ABWD	00:20:00	00:27:00	5B30	00:07:00
CT-136	PLUMSDG	00:36:00			

Diagram CT-137			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-137	OLDOXR		05:28:30	5T02	
CT-137	OLDOXRW	05:31:30	05:31:30	5T02	00:00:00
CT-137	OLDOXRB	05:36:00	05:36:00	5T02	00:00:00
CT-137	WSTBRNP	05:40:00	05:40:00	5T02	00:00:00
CT-137	PADTONX	05:41:00	05:42:00	2T02	00:01:00
CT-137	ABWD	06:10:00	06:21:30	2T09	00:11:30
CT-137	PADTONX	06:49:00	06:50:00	5T09	00:01:00
CT-137	WSTBRNP	06:52:00	06:57:30	5T12	00:05:30
CT-137	PADTONX	06:59:30	07:00:30	2T12	00:01:00
CT-137	ABWD	07:32:00	07:39:00	2B27	00:07:00
CT-137	PADTONX	08:06:30	08:07:30	5D27	00:01:00
CT-137	WSTBRNP	08:08:30	08:08:30	5D27	00:00:00
CT-137	OLDOXRB	08:13:00	08:13:00	5D27	00:00:00
CT-137	OLDOXRW	08:20:30	08:20:30	5D27	00:00:00
CT-137	OLDOXR	08:23:30	08:48:30	5A34	00:25:00
CT-137	OLDOXRW	08:51:30	08:51:30	5A34	00:00:00
CT-137	OLDOXRB	08:56:00	08:56:00	5A34	00:00:00
CT-137	WSTBRNP	09:00:00	09:00:00	5A34	00:00:00
CT-137	PADTONX	09:01:00	09:02:00	2A34	00:01:00
CT-137	ABWD	09:31:30	09:36:30	2T41	00:05:00
CT-137	PADTONX	10:04:00	10:05:00	5T41	00:01:00
CT-137	WSTBRNP	10:07:00	10:14:00	5A32	00:07:00
CT-137	PADTONX	10:16:00	10:17:00	2A32	00:01:00
CT-137	ABWD	10:47:00	10:59:00	2A41	00:12:00
CT-137	PADTONX	11:26:30	11:27:30	5A41	00:01:00
CT-137	WSTBRNP	11:29:30	11:36:30	5T38	00:07:00
CT-137	PADTONX	11:38:30	11:39:30	2T38	00:01:00
CT-137	ABWD	12:09:30	12:21:30	2T47	00:12:00
CT-137	PADTONX	12:49:00	12:50:00	5T47	00:01:00
CT-137	WSTBRNP	12:52:00	12:59:00	5A54	00:07:00

CT-137	PADTONX	13:01:00	13:02:00 2A54	00:01:00
CT-137	ABWD	13:32:00	13:44:00 2A63	00:12:00
CT-137	PADTONX	14:11:30	14:12:30 5D63	00:01:00
CT-137	WSTBRNP	14:13:30	14:13:30 5D63	00:00:00
CT-137	OLDOXRB	14:18:00	14:18:00 5D63	00:00:00
CT-137	OLDOXRW	14:25:30	14:25:30 5D63	00:00:00
CT-137	OLDOXRD	14:28:30	15:00:00 5W82	00:31:30
CT-137	OLDOXRW	15:03:00	15:03:00 5W82	00:00:00
CT-137	OLDOXRB	15:07:30	15:07:30 5W82	00:00:00
CT-137	WSTBRNP	15:11:30	15:11:30 5W82	00:00:00
CT-137	PADTONX	15:12:30	15:13:30 2W82	00:01:00
CT-137	ILFORD	15:40:00	15:40:30 2W82	00:00:30
CT-137	SHENFLD	16:04:30	16:13:30 2W03	00:09:00
CT-137	PADTONX	17:04:00	17:05:00 5W03	00:01:00
CT-137	WSTBRNP	17:07:00	17:14:00 5A88	00:07:00
CT-137	PADTONX	17:16:00	17:17:00 2A88	00:01:00
CT-137	ABWD	17:47:00	17:54:30 2B89	00:07:30
CT-137	PADTONX	18:22:00	18:23:00 5B89	00:01:00
CT-137	WSTBRNP	18:25:00	18:30:30 5A98	00:05:30
CT-137	PADTONX	18:32:30	18:33:30 2A98	00:01:00
CT-137	ILFORD	19:00:00	19:00:30 2A98	00:00:30
CT-137	SHENFLD	19:23:30	19:24:30 5A98	00:01:00
CT-137	SHENFDS	19:26:30	19:40:30 5A98	00:14:00
CT-137	ILFEMUD	20:13:00		

## Diagram CT-138

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-138	OLDOXRD		05:31:00	5T80	
CT-138	OLDOXRW	05:34:00	05:34:00	5T80	00:00:00
CT-138	OLDOXRB	05:38:30	05:38:30	5T80	00:00:00
CT-138	WSTBRNP	05:42:30	05:42:30	5T80	00:00:00
CT-138	PADTONX	05:43:30	05:44:30	2T80	00:01:00
CT-138	WOLWCHX	06:09:00	06:10:00	5T80	00:01:00
CT-138	PLUMSDG	06:21:30	07:10:00	5T19	00:48:30
CT-138	WOLWCHX	07:21:30	07:22:00	2T19	00:00:30
CT-138	PADTONX	07:46:00	07:47:00	5T19	00:01:00
CT-138	WSTBRNP	07:49:00	07:54:00	5T22	00:05:00
CT-138	PADTONX	07:56:00	07:57:00	2T22	00:01:00
CT-138	ABWD	08:27:00	08:34:00	2T29	00:07:00
CT-138	PADTONX	09:01:30	09:02:30	5D29	00:01:00
CT-138	WSTBRNP	09:03:30	09:03:30	5D29	00:00:00
CT-138	OLDOXRB	09:08:00	09:08:00	5D29	00:00:00
CT-138	OLDOXRW	09:15:30	09:15:30	5D29	00:00:00
CT-138	OLDOXRD	09:18:30	10:00:00	5W42	00:41:30
CT-138	OLDOXRW	10:03:00	10:03:00	5W42	00:00:00
CT-138	OLDOXRB	10:07:30	10:07:30	5W42	00:00:00



CT-138	WSTBRNP	10:11:30	10:11:30	5W42	00:00:00
CT-138	PADTONX	10:12:30	10:13:30	2W42	00:01:00
CT-138	ILFORD	10:40:00	10:40:30	2W42	00:00:30
CT-138	SHENFLD	11:04:30	11:17:00	2B37	00:12:30
CT-138	PADTONX	12:07:30	12:08:30	5B37	00:01:00
CT-138	WSTBRNP	12:10:30	12:18:00	5B38	00:07:30
CT-138	PADTONX	12:20:00	12:21:00	2B38	00:01:00
CT-138	ILFORD	12:47:30	12:48:00	2B38	00:00:30
CT-138	SHENFLD	13:12:30	13:24:30	2W73	00:12:00
CT-138	PADTONX	14:15:00	14:16:00	5W73	00:01:00
CT-138	WSTBRNP	14:18:00	14:25:30	5W76	00:07:30
CT-138	PADTONX	14:27:30	14:28:30	2W76	00:01:00
CT-138	ILFORD	14:55:00	14:55:30	2W76	00:00:30
CT-138	SHENFLD	15:19:30	15:28:30	2W91	00:09:00
CT-138	PADTONX	16:19:00	16:20:00	5W91	00:01:00
CT-138	WSTBRNP	16:22:00	16:27:30	5T80	00:05:30
CT-138	PADTONX	16:29:30	16:30:30	2T80	00:01:00
CT-138	ABWD	16:58:30	17:04:00	2T81	00:05:30
CT-138	PADTONX	17:31:30	17:32:30	5T81	00:01:00
CT-138	WSTBRNP	17:34:30	17:41:30	5W22	00:07:00
CT-138	PADTONX	17:43:30	17:44:30	2W22	00:01:00
CT-138	ILFORD	18:11:00	18:11:30	2W22	00:00:30
CT-138	SHENFLD	18:35:00	18:46:00	5W26	00:11:00
CT-138	SHENFDS	18:48:00	19:04:00	5W26	00:16:00
CT-138	ILFEMUD	19:36:30			

Diagram CT-139			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-139	OLDOXRD		05:33:30	5A08	
CT-139	OLDOXRW	05:36:30	05:36:30	5A08	00:00:00
CT-139	OLDOXRB	05:41:00	05:41:00	5A08	00:00:00
CT-139	WSTBRNP	05:45:00	05:45:00	5A08	00:00:00
CT-139	PADTONX	05:46:00	05:47:00	2A08	00:01:00
CT-139	ILFORD	06:13:30	06:14:00	2A08	00:00:30
CT-139	SHENFLD	06:37:30	06:46:30	2B23	00:09:00
CT-139	PADTONX	07:37:00	07:38:00	5B23	00:01:00
CT-139	WSTBRNP	07:40:00	07:46:30	5W26	00:06:30
CT-139	PADTONX	07:48:30	07:49:30	2W26	00:01:00
CT-139	ILFORD	08:16:00	08:16:30	2W26	00:00:30
CT-139	SHENFLD	08:39:00	08:46:30	2B39	00:07:30
CT-139	PADTONX	09:37:00	09:38:00	5D39	00:01:00
CT-139	WSTBRNP	09:39:00	09:39:00	5D39	00:00:00
CT-139	OLDOXRB	09:43:30	09:43:30	5D39	00:00:00
CT-139	OLDOXRW	09:51:00	09:51:00	5D39	00:00:00
CT-139	OLDOXRD	09:54:00	10:30:00	5W46	00:36:00
CT-139	OLDOXRW	10:33:00	10:33:00	5W46	00:00:00

CT-139	OLDOXRB	10:37:30	10:37:30	5W46	00:00:00
CT-139	WSTBRNP	10:41:30	10:41:30	5W46	00:00:00
CT-139	PADTONX	10:42:30	10:43:30	2W46	00:01:00
CT-139	ILFORD	11:10:00	11:10:30	2W46	00:00:30
CT-139	SHENFLD	11:34:30	11:47:00	2B41	00:12:30
CT-139	PADTONX	12:37:30	12:38:30	5B41	00:01:00
CT-139	WSTBRNP	12:40:30	12:48:00	5B42	00:07:30
CT-139	PADTONX	12:50:00	12:51:00	2B42	00:01:00
CT-139	ILFORD	13:17:30	13:18:00	2B42	00:00:30
CT-139	SHENFLD	13:42:30	13:54:30	2W77	00:12:00
CT-139	PADTONX	14:45:00	14:46:00	5W77	00:01:00
CT-139	WSTBRNP	14:48:00	14:55:30	5W80	00:07:30
CT-139	PADTONX	14:57:30	14:58:30	2W80	00:01:00
CT-139	ILFORD	15:25:00	15:25:30	2W80	00:00:30
CT-139	SHENFLD	15:49:30	15:58:30	2W97	00:09:00
CT-139	PADTONX	16:49:00	16:50:00	5D97	00:01:00
CT-139	WSTBRNP	16:51:00	16:51:00	5D97	00:00:00
CT-139	OLDOXRB	16:55:30	16:55:30	5D97	00:00:00
CT-139	OLDOXRW	17:03:00	17:03:00	5D97	00:00:00
CT-139	OLDOXRD	17:06:00	17:38:30	5B82	00:32:30
CT-139	OLDOXRW	17:41:30	17:41:30	5B82	00:00:00
CT-139	OLDOXRB	17:46:00	17:46:00	5B82	00:00:00
CT-139	WSTBRNP	17:50:00	17:50:00	5B82	00:00:00
CT-139	PADTONX	17:51:00	17:52:00	2B82	00:01:00
CT-139	ABWD	18:21:30	18:30:30	2T89	00:09:00
CT-139	PADTONX	18:58:00	18:59:00	5T89	00:01:00
CT-139	WSTBRNP	19:01:00	19:06:30	5T04	00:05:30
CT-139	PADTONX	19:08:30	19:09:30	2T04	00:01:00
CT-139	ABWD	19:39:30	19:51:30	2T01	00:12:00
CT-139	PADTONX	20:19:00	20:20:00	5T01	00:01:00
CT-139	WSTBRNP	20:22:00	20:29:00	5A14	00:07:00
CT-139	PADTONX	20:31:00	20:32:00	2A14	00:01:00
CT-139	ABWD	21:00:00	21:14:00	2A23	00:14:00
CT-139	PADTONX	21:41:30	21:42:30	5A23	00:01:00
CT-139	WSTBRNP	21:44:30	21:51:30	5T26	00:07:00
CT-139	PADTONX	21:53:30	21:54:30	2T26	00:01:00
CT-139	ABWD	22:22:30	22:34:00	2T19	00:11:30
CT-139	PADTONX	23:01:30	23:05:00	5T15	00:03:30
CT-139	WSTBRNP	23:07:00	23:14:00	5A36	00:07:00
CT-139	PADTONX	23:16:00	23:17:00	2A36	00:01:00
CT-139	ILFORD	23:43:30	23:44:00	2A36	00:00:30
CT-139	SHENFLD	00:06:30	00:13:30	5V36	00:07:00
CT-139	ILFEMUD	00:38:30			

Diagram CT-140

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
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CT-140	OLDOXRD		05:36:00 5T82	
CT-140	OLDOXRW	05:39:00	05:39:00 5T82	00:00:00
CT-140	OLDOXRB	05:43:30	05:43:30 5T82	00:00:00
CT-140	WSTBRNP	05:47:30	05:47:30 5T82	00:00:00
CT-140	PADTONX	05:48:30	05:49:30 2T82	00:01:00
CT-140	ABWD	06:17:30	06:29:00 2A21	00:11:30
CT-140	PADTONX	06:56:30	06:57:30 5A21	00:01:00
CT-140	WSTBRNP	06:59:30	07:06:30 5W16	00:07:00
CT-140	PADTONX	07:08:30	07:09:30 2W16	00:01:00
CT-140	ILFORD	07:36:00	07:36:30 2W16	00:00:30
CT-140	SHENFLD	07:59:00	08:08:30 2W47	00:09:30
CT-140	PADTONX	08:59:00	09:00:00 5D47	00:01:00
CT-140	WSTBRNP	09:01:00	09:01:00 5D47	00:00:00
CT-140	OLDOXRB	09:05:30	09:05:30 5D47	00:00:00
CT-140	OLDOXRW	09:13:00	09:13:00 5D47	00:00:00
CT-140	OLDOXRD	09:16:00	10:11:00 5T28	00:55:00
CT-140	OLDOXRW	10:14:00	10:14:00 5T28	00:00:00
CT-140	OLDOXRB	10:18:30	10:18:30 5T28	00:00:00
CT-140	WSTBRNP	10:22:30	10:22:30 5T28	00:00:00
CT-140	PADTONX	10:23:30	10:24:30 2T28	00:01:00
CT-140	ABWD	10:54:30	11:06:30 2T37	00:12:00
CT-140	PADTONX	11:34:00	11:35:00 5T37	00:01:00
CT-140	WSTBRNP	11:37:00	11:44:00 5A44	00:07:00
CT-140	PADTONX	11:46:00	11:47:00 2A44	00:01:00
CT-140	ABWD	12:17:00	12:29:00 2A53	00:12:00
CT-140	PADTONX	12:56:30	12:57:30 5A53	00:01:00
CT-140	WSTBRNP	12:59:30	13:06:30 5T50	00:07:00
CT-140	PADTONX	13:08:30	13:09:30 2T50	00:01:00
CT-140	ABWD	13:39:30	13:51:30 2T59	00:12:00
CT-140	PADTONX	14:19:00	14:20:00 5T59	00:01:00
CT-140	WSTBRNP	14:22:00	14:29:00 5A66	00:07:00
CT-140	PADTONX	14:31:00	14:32:00 2A66	00:01:00
CT-140	ABWD	15:02:00	15:14:00 2A75	00:12:00
CT-140	PADTONX	15:41:30	15:42:30 5D75	00:01:00
CT-140	WSTBRNP	15:43:30	15:43:30 5D75	00:00:00
CT-140	OLDOXRB	15:48:00	15:48:00 5D75	00:00:00
CT-140	OLDOXRW	15:55:30	15:55:30 5D75	00:00:00
CT-140	OLDOXRD	15:58:30	16:30:30 5W98	00:32:00
CT-140	OLDOXRW	16:33:30	16:33:30 5W98	00:00:00
CT-140	OLDOXRB	16:38:00	16:38:00 5W98	00:00:00
CT-140	WSTBRNP	16:42:00	16:42:00 5W98	00:00:00
CT-140	PADTONX	16:43:00	16:44:30 2W98	00:01:30
CT-140	ILFORD	17:11:00	17:11:30 2W98	00:00:30
CT-140	SHENFLD	17:34:00	17:40:30 2W35	00:06:30
CT-140	PADTONX	18:31:00	18:32:00 5W35	00:01:00
CT-140	WSTBRNP	18:34:00	18:39:30 5T00	00:05:30

CT-140	PADTONX	18:41:30	18:42:30 2T00	00:01:00
CT-140	ABWD	19:10:30	19:21:30 2T97	00:11:00
CT-140	PADTONX	19:49:00	19:50:00 5T97	00:01:00
CT-140	WSTBRNP	19:52:00	19:59:00 5A10	00:07:00
CT-140	PADTONX	20:01:00	20:02:00 2A10	00:01:00
CT-140	ABWD	20:32:00	20:44:00 2A19	00:12:00
CT-140	PADTONX	21:11:30	21:12:30 5A19	00:01:00
CT-140	WSTBRNP	21:14:30	21:21:30 5T22	00:07:00
CT-140	PADTONX	21:23:30	21:24:30 2T22	00:01:00
CT-140	ABWD	21:52:30	22:04:00 2T17	00:11:30
CT-140	PADTONX	22:31:30	22:34:30 5T17	00:03:00
CT-140	WSTBRNP	22:36:30	22:44:00 5A32	00:07:30
CT-140	PADTONX	22:46:00	22:47:00 2A32	00:01:00
CT-140	ILFORD	23:13:30	23:14:00 2A32	00:00:30
CT-140	SHENFLD	23:36:30	23:46:00 2B39	00:09:30
CT-140	PADTONX	00:36:30	00:37:30 5D39	00:01:00
CT-140	WSTBRNP	00:38:30	00:38:30 5D39	00:00:00
CT-140	OLDOXRB	00:43:00	00:43:00 5D39	00:00:00
CT-140	OLDOXRW	00:50:30	00:50:30 5D39	00:00:00
CT-140	OLDOXRD	00:53:30		

Diagram CT-141			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-141	OLDOXRD		05:38:30	5B04	
CT-141	OLDOXRW	05:41:30	05:41:30	5B04	00:00:00
CT-141	OLDOXRB	05:46:00	05:46:00	5B04	00:00:00
CT-141	WSTBRNP	05:50:00	05:50:00	5B04	00:00:00
CT-141	PADTONX	05:51:00	05:52:00	2B04	00:01:00
CT-141	WOLWCHX	06:16:30	06:17:30	5B04	00:01:00
CT-141	PLUMSDG	06:29:00	07:25:30	5T21	00:56:30
CT-141	WOLWCHX	07:37:00	07:37:30	2T21	00:00:30
CT-141	PADTONX	08:01:30	08:02:30	5T21	00:01:00
CT-141	WSTBRNP	08:04:30	08:11:30	5W36	00:07:00
CT-141	PADTONX	08:13:30	08:14:30	2W36	00:01:00
CT-141	ILFORD	08:41:00	08:41:30	2W36	00:00:30
CT-141	SHENFLD	09:05:00	09:06:00	5W36	00:01:00
CT-141	SHENFDS	09:08:00	16:00:30	5W99	06:52:30
CT-141	SHENFLD	16:02:30	16:03:30	2W99	00:01:00
CT-141	PADTONX	16:54:00	16:55:00	5W99	00:01:00
CT-141	WSTBRNP	16:57:00	17:04:00	5B76	00:07:00
CT-141	PADTONX	17:06:00	17:07:00	2B76	00:01:00
CT-141	ABWD	17:37:00	17:44:00	2A95	00:07:00
CT-141	PADTONX	18:11:30	18:12:30	5D95	00:01:00
CT-141	WSTBRNP	18:13:30	18:13:30	5D95	00:00:00
CT-141	OLDOXRB	18:18:00	18:18:00	5D95	00:00:00
CT-141	OLDOXRW	18:25:30	18:25:30	5D95	00:00:00



CT-141 OLDOXRD 18:28:30

Diagram CT-142		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-142	OLDOXRD		05:43:30	5W06	
CT-142	OLDOXRW	05:46:30	05:46:30	5W06	00:00:00
CT-142	OLDOXRB	05:51:00	05:51:00	5W06	00:00:00
CT-142	WSTBRNP	05:55:00	05:55:00	5W06	00:00:00
CT-142	PADTONX	05:56:00	05:57:00	2W06	00:01:00
CT-142	ILFORD	06:23:30	06:24:00	2W06	00:00:30
CT-142	SHENFLD	06:46:30	06:52:30	2W17	00:06:00
CT-142	PADTONX	07:43:00	07:44:00	5D17	00:01:00
CT-142	WSTBRNP	07:45:00	07:45:00	5D17	00:00:00
CT-142	OLDOXRB	07:49:30	07:49:30	5D17	00:00:00
CT-142	OLDOXRW	07:57:00	07:57:00	5D17	00:00:00
CT-142	OLDOXRD	08:00:00	08:28:30	5T28	00:28:30
CT-142	OLDOXRW	08:31:30	08:31:30	5T28	00:00:00
CT-142	OLDOXRB	08:36:00	08:36:00	5T28	00:00:00
CT-142	WSTBRNP	08:40:00	08:40:00	5T28	00:00:00
CT-142	PADTONX	08:41:00	08:42:00	2T28	00:01:00
CT-142	ABWD	09:10:00	09:18:30	2T37	00:08:30
CT-142	PADTONX	09:46:00	09:47:00	5T37	00:01:00
CT-142	WSTBRNP	09:49:00	09:55:30	5W40	00:06:30
CT-142	PADTONX	09:57:30	09:58:30	2W40	00:01:00
CT-142	ILFORD	10:25:00	10:25:30	2W40	00:00:30
CT-142	SHENFLD	10:49:30	11:02:00	2B35	00:12:30
CT-142	PADTONX	11:52:30	11:53:30	5B35	00:01:00
CT-142	WSTBRNP	11:55:30	12:03:00	5B36	00:07:30
CT-142	PADTONX	12:05:00	12:06:00	2B36	00:01:00
CT-142	ILFORD	12:32:30	12:33:00	2B36	00:00:30
CT-142	SHENFLD	12:57:30	13:09:30	2W71	00:12:00
CT-142	PADTONX	14:00:00	14:01:00	5D71	00:01:00
CT-142	WSTBRNP	14:02:00	14:02:00	5D71	00:00:00
CT-142	OLDOXRB	14:06:30	14:06:30	5D71	00:00:00
CT-142	OLDOXRW	14:14:00	14:14:00	5D71	00:00:00
CT-142	OLDOXRD	14:17:00	15:11:00	5T68	00:54:00
CT-142	OLDOXRW	15:14:00	15:14:00	5T68	00:00:00
CT-142	OLDOXRB	15:18:30	15:18:30	5T68	00:00:00
CT-142	WSTBRNP	15:22:30	15:22:30	5T68	00:00:00
CT-142	PADTONX	15:23:30	15:24:30	2T68	00:01:00
CT-142	ABWD	15:52:30	15:58:30	2T75	00:06:00
CT-142	PADTONX	16:28:00	16:29:00	5T75	00:01:00
CT-142	WSTBRNP	16:31:00	16:36:30	5W96	00:05:30
CT-142	PADTONX	16:38:30	16:39:30	2W96	00:01:00
CT-142	ILFORD	17:06:00	17:06:30	2W96	00:00:30
CT-142	GIDEAPK	17:18:30	17:19:30	5W96	00:01:00

CT-142	GIDEPKS	17:21:30	17:31:30 5A97	00:10:00
CT-142	GIDEAPK	17:33:30	17:34:00 2W31	00:00:30
CT-142	PADTONX	18:14:00	18:15:00 5D31	00:01:00
CT-142	WSTBRNP	18:16:00	18:16:00 5D31	00:00:00
CT-142	OLDOXRB	18:20:30	18:20:30 5D31	00:00:00
CT-142	OLDOXRW	18:28:00	18:28:00 5D31	00:00:00
CT-142	OLDOXRD	18:31:00	19:03:30 5A04	00:32:30
CT-142	OLDOXRW	19:06:30	19:06:30 5A04	00:00:00
CT-142	OLDOXRB	19:11:00	19:11:00 5A04	00:00:00
CT-142	WSTBRNP	19:15:00	19:15:00 5A04	00:00:00
CT-142	PADTONX	19:16:00	19:17:00 2A04	00:01:00
CT-142	ABWD	19:47:00	19:59:00 2A13	00:12:00
CT-142	PADTONX	20:26:30	20:27:30 5A13	00:01:00
CT-142	WSTBRNP	20:29:30	20:36:30 5T16	00:07:00
CT-142	PADTONX	20:38:30	20:39:30 2T16	00:01:00
CT-142	ABWD	21:07:30	21:21:30 2T13	00:14:00
CT-142	PADTONX	21:49:00	21:50:00 5T13	00:01:00
CT-142	WSTBRNP	21:52:00	21:59:00 5A26	00:07:00
CT-142	PADTONX	22:01:00	22:02:00 2A26	00:01:00
CT-142	ABWD	22:30:00	22:44:00 2A35	00:14:00
CT-142	PADTONX	23:11:30	23:12:30 5A35	00:01:00
CT-142	WSTBRNP	23:14:30	23:24:00 5W68	00:09:30
CT-142	PADTONX	23:26:00	23:27:00 2W68	00:01:00
CT-142	ILFORD	23:53:30	23:54:00 2W68	00:00:30
CT-142	SHENFLD	00:16:30	00:23:30 5W68	00:07:00
CT-142	GIDEPKS	00:33:00		

Diagram CT-143		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-143	OLDOXRD		05:46:00	5T84	
CT-143	OLDOXRW	05:49:00	05:49:00	5T84	00:00:00
CT-143	OLDOXRB	05:53:30	05:53:30	5T84	00:00:00
CT-143	WSTBRNP	05:57:30	05:57:30	5T84	00:00:00
CT-143	PADTONX	05:58:30	05:59:30	2T84	00:01:00
CT-143	ABWD	06:27:30	06:36:30	2T11	00:09:00
CT-143	PADTONX	07:04:00	07:05:00	5T11	00:01:00
CT-143	WSTBRNP	07:07:00	07:12:30	5W18	00:05:30
CT-143	PADTONX	07:14:30	07:15:30	2W18	00:01:00
CT-143	ILFORD	07:42:00	07:42:30	2W18	00:00:30
CT-143	SHENFLD	08:05:00	08:13:30	2W49	00:08:30
CT-143	PADTONX	09:04:00	09:05:00	5W49	00:01:00
CT-143	WSTBRNP	09:07:00	09:12:30	5W60	00:05:30
CT-143	PADTONX	09:14:30	09:15:30	2W60	00:01:00
CT-143	ILFORD	09:42:00	09:42:30	2W60	00:00:30
CT-143	SHENFLD	10:05:00	10:17:00	2B29	00:12:00
CT-143	PADTONX	11:07:30	11:08:30	5B29	00:01:00

CT-143	WSTBRNP	11:10:30	11:18:00	5B30	00:07:30
CT-143	PADTONX	11:20:00	11:21:00	2B30	00:01:00
CT-143	ILFORD	11:47:30	11:48:00	2B30	00:00:30
CT-143	SHENFLD	12:12:30	12:24:30	2W65	00:12:00
CT-143	PADTONX	13:15:00	13:16:00	5W65	00:01:00
CT-143	WSTBRNP	13:18:00	13:25:30	5W68	00:07:30
CT-143	PADTONX	13:27:30	13:28:30	2W68	00:01:00
CT-143	ILFORD	13:55:00	13:55:30	2W68	00:00:30
CT-143	SHENFLD	14:20:00	14:32:00	2B63	00:12:00
CT-143	PADTONX	15:22:30	15:23:30	5B63	00:01:00
CT-143	WSTBRNP	15:25:30	15:33:00	5B64	00:07:30
CT-143	PADTONX	15:35:00	15:36:00	2B64	00:01:00
CT-143	ILFORD	16:02:30	16:03:00	2B64	00:00:30
CT-143	SHENFLD	16:27:00	16:33:30	2W11	00:06:30
CT-143	PADTONX	17:24:00	17:25:00	5W11	00:01:00
CT-143	WSTBRNP	17:27:00	17:34:00	5B80	00:07:00
CT-143	PADTONX	17:36:00	17:37:00	2B80	00:01:00
CT-143	ABWD	18:05:00	18:12:30	2A99	00:07:30
CT-143	PADTONX	18:40:00	18:41:00	5A99	00:01:00
CT-143	WSTBRNP	18:43:00	18:48:30	5B90	00:05:30
CT-143	PADTONX	18:50:30	18:51:30	2B90	00:01:00
CT-143	ILFORD	19:18:00	19:18:30	2B90	00:00:30
CT-143	SHENFLD	19:45:30	19:54:30	2W55	00:09:00
CT-143	PADTONX	20:45:00	20:46:00	5D55	00:01:00
CT-143	WSTBRNP	20:47:00	20:47:00	5D55	00:00:00
CT-143	OLDOXRB	20:51:30	20:51:30	5D55	00:00:00
CT-143	OLDOXRW	20:59:00	20:59:00	5D55	00:00:00
CT-143	OLDOXRD	21:02:00	21:33:30	5A24	00:31:30
CT-143	OLDOXRW	21:36:30	21:36:30	5A24	00:00:00
CT-143	OLDOXRB	21:41:00	21:41:00	5A24	00:00:00
CT-143	WSTBRNP	21:45:00	21:45:00	5A24	00:00:00
CT-143	PADTONX	21:46:00	21:47:00	2A24	00:01:00
CT-143	ABWD	22:19:30	22:24:00	2B25	00:04:30
CT-143	PADTONX	22:51:30	22:52:30	5B25	00:01:00
CT-143	WSTBRNP	22:54:30	23:04:00	5B24	00:09:30
CT-143	PADTONX	23:06:00	23:07:00	2B24	00:01:00
CT-143	ILFORD	23:33:30	23:34:00	2B24	00:00:30
CT-143	SHENFLD	23:56:30	23:57:30	5B24	00:01:00
CT-143	SHENFDS	23:59:30			

Diagram CT-144

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-144	OLDOXRD		05:48:30	5A10	
CT-144	OLDOXRW	05:51:30	05:51:30	5A10	00:00:00
CT-144	OLDOXRB	05:56:00	05:56:00	5A10	00:00:00
CT-144	WSTBRNP	06:00:00	06:00:00	5A10	00:00:00

CT-144	PADTONX	06:01:00	06:02:00 2A10	00:01:00
CT-144	ABWD	06:32:00	06:42:30 2A23	00:10:30
CT-144	PADTONX	07:10:00	07:11:00 5D23	00:01:00
CT-144	WSTBRNP	07:12:00	07:12:00 5D23	00:00:00
CT-144	OLDOXRB	07:16:30	07:16:30 5D23	00:00:00
CT-144	OLDOXRW	07:24:00	07:24:00 5D23	00:00:00
CT-144	OLDOXRD	07:27:00	07:56:00 5W34	00:29:00
CT-144	OLDOXRW	07:59:00	07:59:00 5W34	00:00:00
CT-144	OLDOXRB	08:03:30	08:03:30 5W34	00:00:00
CT-144	WSTBRNP	08:07:30	08:07:30 5W34	00:00:00
CT-144	PADTONX	08:08:30	08:09:30 2W34	00:01:00
CT-144	ILFORD	08:36:00	08:36:30 2W34	00:00:30
CT-144	SHENFLD	08:59:00	09:04:00 2A45	00:05:00
CT-144	PADTONX	09:55:00	09:56:00 5A45	00:01:00
CT-144	WSTBRNP	09:58:00	10:03:00 5B20	00:05:00
CT-144	PADTONX	10:05:00	10:06:00 2B20	00:01:00
CT-144	ILFORD	10:32:30	10:33:00 2B20	00:00:30
CT-144	SHENFLD	10:57:00	11:09:30 2W55	00:12:30
CT-144	PADTONX	12:00:00	12:01:00 5D55	00:01:00
CT-144	WSTBRNP	12:02:00	12:02:00 5D55	00:00:00
CT-144	OLDOXRB	12:06:30	12:06:30 5D55	00:00:00
CT-144	OLDOXRW	12:14:00	12:14:00 5D55	00:00:00
CT-144	OLDOXRD	12:17:00	13:11:00 5T52	00:54:00
CT-144	OLDOXRW	13:14:00	13:14:00 5T52	00:00:00
CT-144	OLDOXRB	13:18:30	13:18:30 5T52	00:00:00
CT-144	WSTBRNP	13:22:30	13:22:30 5T52	00:00:00
CT-144	PADTONX	13:23:30	13:24:30 2T52	00:01:00
CT-144	ABWD	13:54:30	14:06:30 2T61	00:12:00
CT-144	PADTONX	14:34:00	14:35:00 5T61	00:01:00
CT-144	WSTBRNP	14:37:00	14:44:00 5A68	00:07:00
CT-144	PADTONX	14:46:00	14:47:00 2A68	00:01:00
CT-144	ABWD	15:17:00	15:29:00 2A77	00:12:00
CT-144	PADTONX	15:56:30	15:57:30 5A77	00:01:00
CT-144	WSTBRNP	15:59:30	16:06:30 5W90	00:07:00
CT-144	PADTONX	16:08:30	16:09:30 2W90	00:01:00
CT-144	ILFORD	16:36:00	16:36:30 2W90	00:00:30
CT-144	SHENFLD	16:59:00	17:08:30 2W25	00:09:30
CT-144	PADTONX	17:59:00	18:00:00 5D25	00:01:00
CT-144	WSTBRNP	18:01:00	18:01:00 5D25	00:00:00
CT-144	OLDOXRB	18:05:30	18:05:30 5D25	00:00:00
CT-144	OLDOXRW	18:13:00	18:13:00 5D25	00:00:00
CT-144	OLDOXRD	18:16:00	18:41:00 5T02	00:25:00
CT-144	OLDOXRW	18:44:00	18:44:00 5T02	00:00:00
CT-144	OLDOXRB	18:48:30	18:48:30 5T02	00:00:00
CT-144	WSTBRNP	18:52:30	18:52:30 5T02	00:00:00
CT-144	PADTONX	18:53:30	18:54:30 2T02	00:01:00



CT-144	ABWD	19:24:30	19:36:30	2T99	00:12:00
CT-144	PADTONX	20:04:00	20:05:00	5D99	00:01:00
CT-144	WSTBRNP	20:06:00	20:06:00	5D99	00:00:00
CT-144	OLDOXRB	20:10:30	20:10:30	5D99	00:00:00
CT-144	OLDOXRW	20:18:00	20:18:00	5D99	00:00:00
CT-144	OLDOXRD	20:21:00	21:15:00	5W62	00:54:00
CT-144	OLDOXRW	21:18:00	21:18:00	5W62	00:00:00
CT-144	OLDOXRB	21:22:30	21:22:30	5W62	00:00:00
CT-144	WSTBRNP	21:26:30	21:26:30	5W62	00:00:00
CT-144	PADTONX	21:27:30	21:28:30	2W62	00:01:00
CT-144	ILFORD	21:55:00	21:55:30	2W62	00:00:30
CT-144	SHENFLD	22:19:00	22:26:00	2W67	00:07:00
CT-144	PADTONX	23:16:30	23:20:00	5W67	00:03:30
CT-144	WSTBRNP	23:22:00	23:29:00	5A38	00:07:00
CT-144	PADTONX	23:31:00	23:32:00	2A38	00:01:00
CT-144	ABWD	00:00:00	00:14:00	2T23	00:14:00
CT-144	PADTONX	00:41:30	00:42:30	5D23	00:01:00
CT-144	WSTBRNP	00:43:30	00:43:30	5D23	00:00:00
CT-144	OLDOXRB	00:48:00	00:48:00	5D23	00:00:00
CT-144	OLDOXRW	00:55:30	00:55:30	5D23	00:00:00
CT-144	OLDOXRD	00:58:30			

Diagram CT-145			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-145	OLDOXRD		05:53:30	5B06	
CT-145	OLDOXRW	05:56:30	05:56:30	5B06	00:00:00
CT-145	OLDOXRB	06:01:00	06:01:00	5B06	00:00:00
CT-145	WSTBRNP	06:05:00	06:05:00	5B06	00:00:00
CT-145	PADTONX	06:06:00	06:07:00	2B06	00:01:00
CT-145	ILFORD	06:33:30	06:34:00	2B06	00:00:30
CT-145	SHENFLD	06:56:30	07:13:30	2W25	00:17:00
CT-145	PADTONX	08:04:00	08:05:00	5W25	00:01:00
CT-145	WSTBRNP	08:07:00	08:14:00	5A28	00:07:00
CT-145	PADTONX	08:16:00	08:17:00	2A28	00:01:00
CT-145	ABWD	08:47:00	08:54:30	2B37	00:07:30
CT-145	PADTONX	09:22:00	09:23:00	5B37	00:01:00
CT-145	WSTBRNP	09:25:00	09:30:30	5A38	00:05:30
CT-145	PADTONX	09:32:30	09:33:30	2A38	00:01:00
CT-145	ILFORD	10:00:00	10:00:30	2A38	00:00:30
CT-145	SHENFLD	10:23:00	10:32:00	2B31	00:09:00
CT-145	PADTONX	11:22:30	11:23:30	5B31	00:01:00
CT-145	WSTBRNP	11:25:30	11:33:00	5B32	00:07:30
CT-145	PADTONX	11:35:00	11:36:00	2B32	00:01:00
CT-145	ILFORD	12:02:30	12:03:00	2B32	00:00:30
CT-145	SHENFLD	12:27:30	12:39:30	2W67	00:12:00
CT-145	PADTONX	13:30:00	13:31:00	5D67	00:01:00

CT-145	WSTBRNP	13:32:00	13:32:00 5D67	00:00:00
CT-145	OLDOXRB	13:36:30	13:36:30 5D67	00:00:00
CT-145	OLDOXRW	13:44:00	13:44:00 5D67	00:00:00
CT-145	OLDOXRD	13:47:00	14:41:00 5T64	00:54:00
CT-145	OLDOXRW	14:44:00	14:44:00 5T64	00:00:00
CT-145	OLDOXRB	14:48:30	14:48:30 5T64	00:00:00
CT-145	WSTBRNP	14:52:30	14:52:30 5T64	00:00:00
CT-145	PADTONX	14:53:30	14:54:30 2T64	00:01:00
CT-145	ABWD	15:24:30	15:36:30 2T73	00:12:00
CT-145	PADTONX	16:04:00	16:05:00 5T73	00:01:00
CT-145	WSTBRNP	16:07:00	16:12:30 5W92	00:05:30
CT-145	PADTONX	16:14:30	16:15:30 2W92	00:01:00
CT-145	ILFORD	16:42:00	16:42:30 2W92	00:00:30
CT-145	SHENFLD	17:06:30	17:13:30 2W27	00:07:00
CT-145	PADTONX	18:04:00	18:05:00 5W27	00:01:00
CT-145	WSTBRNP	18:07:00	18:12:30 5W34	00:05:30
CT-145	PADTONX	18:14:30	18:15:30 2W34	00:01:00
CT-145	ILFORD	18:42:00	18:42:30 2W34	00:00:30
CT-145	SHENFLD	19:05:00	19:16:00 2B03	00:11:00
CT-145	PADTONX	20:07:30	20:08:30 5B03	00:01:00
CT-145	WSTBRNP	20:10:30	20:18:00 5B02	00:07:30
CT-145	PADTONX	20:20:00	20:21:00 2B02	00:01:00
CT-145	ILFORD	20:47:30	20:48:00 2B02	00:00:30
CT-145	SHENFLD	21:12:00	21:21:00 5B02	00:09:00
CT-145	ILFEMUD	21:50:00		

## Diagram CT-146

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-146	OLDOXRD		06:00:00	5W08	
CT-146	OLDOXRW	06:03:00	06:03:00	5W08	00:00:00
CT-146	OLDOXRB	06:07:30	06:07:30	5W08	00:00:00
CT-146	WSTBRNP	06:11:30	06:11:30	5W08	00:00:00
CT-146	PADTONX	06:12:30	06:13:30	2W08	00:01:00
CT-146	ILFORD	06:40:00	06:40:30	2W08	00:00:30
CT-146	SHENFLD	07:03:00	07:08:30	2W23	00:05:30
CT-146	PADTONX	07:59:00	08:00:00	5W23	00:01:00
CT-146	WSTBRNP	08:02:00	08:09:00	5T24	00:07:00
CT-146	PADTONX	08:11:00	08:12:00	2T24	00:01:00
CT-146	ABWD	08:42:00	08:49:00	2T31	00:07:00
CT-146	PADTONX	09:16:30	09:17:30	5D31	00:01:00
CT-146	WSTBRNP	09:18:30	09:18:30	5D31	00:00:00
CT-146	OLDOXRB	09:23:00	09:23:00	5D31	00:00:00
CT-146	OLDOXRW	09:30:30	09:30:30	5D31	00:00:00
CT-146	OLDOXRD	09:33:30	16:48:30	5A86	07:15:00
CT-146	OLDOXRW	16:51:30	16:51:30	5A86	00:00:00
CT-146	OLDOXRB	16:56:00	16:56:00	5A86	00:00:00
CT-146	WSTBRNP	17:00:00	17:00:00	5A86	00:00:00

CT-146	PADTONX	17:01:00	17:02:00	2A86	00:01:00
CT-146	ABWD	17:32:00	17:39:00	2B87	00:07:00
CT-146	PADTONX	18:06:30	18:07:30	5B87	00:01:00
CT-146	WSTBRNP	18:09:30	18:15:30	5A96	00:06:00
CT-146	PADTONX	18:17:30	18:18:30	2A96	00:01:00
CT-146	ABWD	18:47:00	18:59:00	2A05	00:12:00
CT-146	PADTONX	19:26:30	19:27:30	5A05	00:01:00
CT-146	WSTBRNP	19:29:30	19:36:30	5T08	00:07:00
CT-146	PADTONX	19:38:30	19:39:30	2T08	00:01:00
CT-146	ABWD	20:09:30	20:21:30	2T05	00:12:00
CT-146	PADTONX	20:49:00	20:50:00	5T05	00:01:00
CT-146	WSTBRNP	20:52:00	20:59:00	5A18	00:07:00
CT-146	PADTONX	21:01:00	21:02:00	2A18	00:01:00
CT-146	ABWD	21:32:00	21:44:00	2A27	00:12:00
CT-146	PADTONX	22:11:30	22:12:30	5A27	00:01:00
CT-146	WSTBRNP	22:14:30	22:24:00	5W68	00:09:30
CT-146	PADTONX	22:26:00	22:27:00	2W68	00:01:00
CT-146	ILFORD	22:53:30	22:54:00	2W68	00:00:30
CT-146	SHENFLD	23:16:30	23:26:00	2W71	00:09:30
CT-146	PADTONX	00:16:30	00:17:30	5D71	00:01:00
CT-146	WSTBRNP	00:18:30	00:18:30	5D71	00:00:00
CT-146	OLDOXRB	00:23:00	00:23:00	5D71	00:00:00
CT-146	OLDOXRW	00:30:30	00:30:30	5D71	00:00:00
CT-146	OLDOXRD	00:33:30			

Diagram CT-147		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-147	OLDOXRD		06:15:00	5W10	
CT-147	OLDOXRW	06:18:00	06:18:00	5W10	00:00:00
CT-147	OLDOXRB	06:22:30	06:22:30	5W10	00:00:00
CT-147	WSTBRNP	06:26:30	06:26:30	5W10	00:00:00
CT-147	PADTONX	06:27:30	06:28:30	2W10	00:01:00
CT-147	ILFORD	06:55:00	06:55:30	2W10	00:00:30
CT-147	SHENFLD	07:18:00	07:28:30	2W31	00:10:30
CT-147	PADTONX	08:19:00	08:20:00	5D31	00:01:00
CT-147	WSTBRNP	08:21:00	08:21:00	5D31	00:00:00
CT-147	OLDOXRB	08:25:30	08:25:30	5D31	00:00:00
CT-147	OLDOXRW	08:33:00	08:33:00	5D31	00:00:00
CT-147	OLDOXRD	08:36:00	09:14:00	5W62	00:38:00
CT-147	OLDOXRW	09:17:00	09:17:00	5W62	00:00:00
CT-147	OLDOXRB	09:21:30	09:21:30	5W62	00:00:00
CT-147	WSTBRNP	09:25:30	09:25:30	5W62	00:00:00
CT-147	PADTONX	09:26:30	09:27:30	2W62	00:01:00
CT-147	ILFORD	09:54:00	09:54:30	2W62	00:00:30
CT-147	SHENFLD	10:17:00	10:24:30	2W49	00:07:30
CT-147	PADTONX	11:15:00	11:16:00	5W49	00:01:00

CT-147	WSTBRNP	11:18:00	11:25:30 5W52	00:07:30
CT-147	PADTONX	11:27:30	11:28:30 2W52	00:01:00
CT-147	ILFORD	11:55:00	11:55:30 2W52	00:00:30
CT-147	SHENFLD	12:20:00	12:32:00 2B47	00:12:00
CT-147	PADTONX	13:22:30	13:23:30 5B47	00:01:00
CT-147	WSTBRNP	13:25:30	13:33:00 5B48	00:07:30
CT-147	PADTONX	13:35:00	13:36:00 2B48	00:01:00
CT-147	ILFORD	14:02:30	14:03:00 2B48	00:00:30
CT-147	SHENFLD	14:27:30	14:39:30 2W83	00:12:00
CT-147	PADTONX	15:30:00	15:31:00 5D83	00:01:00
CT-147	WSTBRNP	15:32:00	15:32:00 5D83	00:00:00
CT-147	OLDOXRB	15:36:30	15:36:30 5D83	00:00:00
CT-147	OLDOXRW	15:44:00	15:44:00 5D83	00:00:00
CT-147	OLDOXRD	15:47:00	16:23:00 5B72	00:36:00
CT-147	OLDOXRW	16:26:00	16:26:00 5B72	00:00:00
CT-147	OLDOXRB	16:30:30	16:30:30 5B72	00:00:00
CT-147	WSTBRNP	16:34:30	16:34:30 5B72	00:00:00
CT-147	PADTONX	16:35:30	16:36:30 2B72	00:01:00
CT-147	ABWD	17:07:00	17:14:00 2A91	00:07:00
CT-147	PADTONX	17:41:30	17:42:30 5A91	00:01:00
CT-147	WSTBRNP	17:44:30	17:51:30 5W26	00:07:00
CT-147	PADTONX	17:53:30	17:54:30 2W26	00:01:00
CT-147	ILFORD	18:21:00	18:21:30 2W26	00:00:30
CT-147	SHENFLD	18:45:30	18:54:30 2W47	00:09:00
CT-147	PADTONX	19:45:00	19:46:00 5D47	00:01:00
CT-147	WSTBRNP	19:47:00	19:47:00 5D47	00:00:00
CT-147	OLDOXRB	19:51:30	19:51:30 5D47	00:00:00
CT-147	OLDOXRW	19:59:00	19:59:00 5D47	00:00:00
CT-147	OLDOXRD	20:02:00	20:33:30 5A16	00:31:30
CT-147	OLDOXRW	20:36:30	20:36:30 5A16	00:00:00
CT-147	OLDOXRB	20:41:00	20:41:00 5A16	00:00:00
CT-147	WSTBRNP	20:45:00	20:45:00 5A16	00:00:00
CT-147	PADTONX	20:46:00	20:47:00 2A16	00:01:00
CT-147	ABWD	21:19:30	21:29:00 2A25	00:09:30
CT-147	PADTONX	21:56:30	21:57:30 5A25	00:01:00
CT-147	WSTBRNP	21:59:30	22:09:00 5T28	00:09:30
CT-147	PADTONX	22:11:00	22:12:00 2T28	00:01:00
CT-147	ABWD	22:42:00	22:54:00 2B29	00:12:00
CT-147	PADTONX	23:21:30	23:22:30 5B29	00:01:00
CT-147	WSTBRNP	23:24:30	23:34:00 5B28	00:09:30
CT-147	PADTONX	23:36:00	23:37:00 2B28	00:01:00
CT-147	ILFORD	00:03:30	00:04:00 2B28	00:00:30
CT-147	SHENFLD	00:26:30	00:33:30 5V28	00:07:00
CT-147	ILFEMUD	00:58:30		

Diagram CT-148

Traction: 345



Diagram	Location	Arr	Dep	ID	T/A
CT-148	OLDOXRD		06:26:00	5T08	
CT-148	OLDOXRW	06:29:00	06:29:00	5T08	00:00:00
CT-148	OLDOXRB	06:33:30	06:33:30	5T08	00:00:00
CT-148	WSTBRNP	06:37:30	06:37:30	5T08	00:00:00
CT-148	PADTONX	06:38:30	06:39:30	2T08	00:01:00
CT-148	ABWD	07:07:30	07:12:30	2A27	00:05:00
CT-148	PADTONX	07:40:00	07:41:00	5A27	00:01:00
CT-148	WSTBRNP	07:43:00	07:49:00	5B20	00:06:00
CT-148	PADTONX	07:51:00	07:52:00	2B20	00:01:00
CT-148	ABWD	08:22:00	08:29:00	2A37	00:07:00
CT-148	PADTONX	08:56:30	08:57:30	5A37	00:01:00
CT-148	WSTBRNP	08:59:30	09:06:30	5W58	00:07:00
CT-148	PADTONX	09:08:30	09:09:30	2W58	00:01:00
CT-148	ILFORD	09:36:00	09:36:30	2W58	00:00:30
CT-148	SHENFLD	09:59:00	10:09:30	2W47	00:10:30
CT-148	PADTONX	11:00:00	11:01:00	5D47	00:01:00
CT-148	WSTBRNP	11:02:00	11:02:00	5D47	00:00:00
CT-148	OLDOXRB	11:06:30	11:06:30	5D47	00:00:00
CT-148	OLDOXRW	11:14:00	11:14:00	5D47	00:00:00
CT-148	OLDOXRD	11:17:00	12:11:00	5T44	00:54:00
CT-148	OLDOXRW	12:14:00	12:14:00	5T44	00:00:00
CT-148	OLDOXRB	12:18:30	12:18:30	5T44	00:00:00
CT-148	WSTBRNP	12:22:30	12:22:30	5T44	00:00:00
CT-148	PADTONX	12:23:30	12:24:30	2T44	00:01:00
CT-148	ABWD	12:54:30	13:06:30	2T53	00:12:00
CT-148	PADTONX	13:34:00	13:35:00	5T53	00:01:00
CT-148	WSTBRNP	13:37:00	13:44:00	5A60	00:07:00
CT-148	PADTONX	13:46:00	13:47:00	2A60	00:01:00
CT-148	ABWD	14:17:00	14:29:00	2A69	00:12:00
CT-148	PADTONX	14:56:30	14:57:30	5A69	00:01:00
CT-148	WSTBRNP	14:59:30	15:06:30	5T66	00:07:00
CT-148	PADTONX	15:08:30	15:09:30	2T66	00:01:00
CT-148	ABWD	15:39:30	15:48:30	2S51	00:09:00
CT-148	PADTONX	16:16:00	16:17:00	5S51	00:01:00
CT-148	WSTBRNP	16:19:00	16:24:30	5W94	00:05:30
CT-148	PADTONX	16:26:30	16:27:30	2W94	00:01:00
CT-148	ILFORD	16:54:00	16:54:30	2W94	00:00:30
CT-148	SHENFLD	17:17:00	17:28:30	2W33	00:11:30
CT-148	PADTONX	18:19:00	18:20:00	5W33	00:01:00
CT-148	WSTBRNP	18:22:00	18:27:00	5T98	00:05:00
CT-148	PADTONX	18:29:00	18:30:30	2T98	00:01:30
CT-148	WOLWCHX	18:55:00	18:56:00	5T98	00:01:00
CT-148	PLUMSDG	19:07:30	22:29:30	5T59	03:22:00
CT-148	WOLWCHX	22:41:00	22:45:00	2T59	00:04:00
CT-148	PADTONX	23:09:00	23:10:00	5T59	00:01:00

CT-148	WSTBRNP	23:11:00	23:11:00 5T59	00:00:00
CT-148	OLDOXRB	23:16:30	23:16:30 5T59	00:00:00
CT-148	OLDOXRW	23:24:00	23:24:00 5T59	00:00:00
CT-148	OLDOXRD	23:27:00		

Diagram CT-149		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-149	OLDOXRD		07:46:00	5W30	
CT-149	OLDOXRW	07:49:00	07:49:00	5W30	00:00:00
CT-149	OLDOXRB	07:53:30	07:53:30	5W30	00:00:00
CT-149	WSTBRNP	07:57:30	07:57:30	5W30	00:00:00
CT-149	PADTONX	07:58:30	07:59:30	2W30	00:01:00
CT-149	ILFORD	08:26:00	08:26:30	2W30	00:00:30
CT-149	SHENFLD	08:49:00	08:58:30	2W61	00:09:30
CT-149	PADTONX	09:49:00	09:50:00	5W61	00:01:00
CT-149	WSTBRNP	09:52:00	09:59:00	5A30	00:07:00
CT-149	PADTONX	10:01:00	10:02:00	2A30	00:01:00
CT-149	ABWD	10:32:00	10:44:00	2A39	00:12:00
CT-149	PADTONX	11:11:30	11:12:30	5D39	00:01:00
CT-149	WSTBRNP	11:13:30	11:13:30	5D39	00:00:00
CT-149	OLDOXRB	11:18:00	11:18:00	5D39	00:00:00
CT-149	OLDOXRW	11:25:30	11:25:30	5D39	00:00:00
CT-149	OLDOXRD	11:28:30	12:00:00	5W58	00:31:30
CT-149	OLDOXRW	12:03:00	12:03:00	5W58	00:00:00
CT-149	OLDOXRB	12:07:30	12:07:30	5W58	00:00:00
CT-149	WSTBRNP	12:11:30	12:11:30	5W58	00:00:00
CT-149	PADTONX	12:12:30	12:13:30	2W58	00:01:00
CT-149	ILFORD	12:40:00	12:40:30	2W58	00:00:30
CT-149	SHENFLD	13:05:00	13:17:00	2B53	00:12:00
CT-149	PADTONX	14:07:30	14:08:30	5B53	00:01:00
CT-149	WSTBRNP	14:10:30	14:18:00	5B54	00:07:30
CT-149	PADTONX	14:20:00	14:21:00	2B54	00:01:00
CT-149	ILFORD	14:47:30	14:48:00	2B54	00:00:30
CT-149	SHENFLD	15:12:30	15:22:30	2W89	00:10:00
CT-149	PADTONX	16:13:00	16:14:00	5W89	00:01:00
CT-149	WSTBRNP	16:16:00	16:21:30	5T78	00:05:30
CT-149	PADTONX	16:23:30	16:24:30	2T78	00:01:00
CT-149	ABWD	16:52:30	16:59:00	2A89	00:06:30
CT-149	PADTONX	17:26:30	17:27:30	5A89	00:01:00
CT-149	WSTBRNP	17:29:30	17:36:30	5W20	00:07:00
CT-149	PADTONX	17:38:30	17:39:30	2W20	00:01:00
CT-149	ILFORD	18:06:00	18:06:30	2W20	00:00:30
CT-149	SHENFLD	18:31:30	18:39:30	2W45	00:08:00
CT-149	PADTONX	19:30:00	19:31:00	5W45	00:01:00
CT-149	WSTBRNP	19:33:00	19:40:30	5W48	00:07:30
CT-149	PADTONX	19:42:30	19:43:30	2W48	00:01:00

CT-149	ILFORD	20:10:00	20:10:30	2W48	00:00:30
CT-149	SHENFLD	20:35:00	20:47:00	2B15	00:12:00
CT-149	PADTONX	21:37:30	21:38:30	5B15	00:01:00
CT-149	WSTBRNP	21:40:30	21:48:00	5B14	00:07:30
CT-149	PADTONX	21:50:00	21:51:00	2B14	00:01:00
CT-149	ILFORD	22:17:30	22:18:00	2B14	00:00:30
CT-149	SHENFLD	22:42:00	22:50:00	5B14	00:08:00
CT-149	ILFEMUD	23:19:30			

## Diagram CT-150

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-150	OLDOXRD		07:14:00	5W20	
CT-150	OLDOXRW	07:17:00	07:17:00	5W20	00:00:00
CT-150	OLDOXRB	07:21:30	07:21:30	5W20	00:00:00
CT-150	WSTBRNP	07:25:30	07:25:30	5W20	00:00:00
CT-150	PADTONX	07:26:30	07:27:30	2W20	00:01:00
CT-150	ILFORD	07:54:00	07:54:30	2W20	00:00:30
CT-150	SHENFLD	08:17:00	08:18:00	5W55	00:01:00
CT-150	SHENFDS	08:20:00	08:26:00	5W55	00:06:00
CT-150	SHENFLD	08:28:00	08:28:30	2W55	00:00:30
CT-150	PADTONX	09:19:00	09:20:00	5W55	00:01:00
CT-150	WSTBRNP	09:22:00	09:27:30	5T36	00:05:30
CT-150	PADTONX	09:29:30	09:30:30	2T36	00:01:00
CT-150	ABWD	10:01:30	10:06:30	2T29	00:05:00
CT-150	PADTONX	10:34:00	10:35:00	5T29	00:01:00
CT-150	WSTBRNP	10:37:00	10:44:00	5A36	00:07:00
CT-150	PADTONX	10:46:00	10:47:00	2A36	00:01:00
CT-150	ABWD	11:17:00	11:29:00	2A45	00:12:00
CT-150	PADTONX	11:56:30	11:57:30	5A45	00:01:00
CT-150	WSTBRNP	11:59:30	12:06:30	5T42	00:07:00
CT-150	PADTONX	12:08:30	12:09:30	2T42	00:01:00
CT-150	ABWD	12:39:30	12:51:30	2T51	00:12:00
CT-150	PADTONX	13:19:00	13:20:00	5T51	00:01:00
CT-150	WSTBRNP	13:22:00	13:29:00	5A58	00:07:00
CT-150	PADTONX	13:31:00	13:32:00	2A58	00:01:00
CT-150	ABWD	14:02:00	14:14:00	2A67	00:12:00
CT-150	PADTONX	14:41:30	14:42:30	5D67	00:01:00
CT-150	WSTBRNP	14:43:30	14:43:30	5D67	00:00:00
CT-150	OLDOXRB	14:48:00	14:48:00	5D67	00:00:00
CT-150	OLDOXRW	14:55:30	14:55:30	5D67	00:00:00
CT-150	OLDOXRD	14:58:30	15:30:00	5W86	00:31:30
CT-150	OLDOXRW	15:33:00	15:33:00	5W86	00:00:00
CT-150	OLDOXRB	15:37:30	15:37:30	5W86	00:00:00
CT-150	WSTBRNP	15:41:30	15:41:30	5W86	00:00:00
CT-150	PADTONX	15:42:30	15:43:30	2W86	00:01:00
CT-150	ILFORD	16:10:00	16:10:30	2W86	00:00:30
CT-150	SHENFLD	16:34:30	16:43:30	2W15	00:09:00

CT-150	PADTONX	17:34:00	17:35:00 5W15	00:01:00
CT-150	WSTBRNP	17:37:00	17:44:00 5A92	00:07:00
CT-150	PADTONX	17:46:00	17:47:00 2A92	00:01:00
CT-150	ABWD	18:15:30	18:24:30 2B93	00:09:00
CT-150	PADTONX	18:52:00	18:53:00 5D93	00:01:00
CT-150	WSTBRNP	18:54:00	18:54:00 5D93	00:00:00
CT-150	OLDOXRB	18:58:30	18:58:30 5D93	00:00:00
CT-150	OLDOXRW	19:06:00	19:06:00 5D93	00:00:00
CT-150	OLDOXRD	19:09:00	19:45:00 5W50	00:36:00
CT-150	OLDOXRW	19:48:00	19:48:00 5W50	00:00:00
CT-150	OLDOXRB	19:52:30	19:52:30 5W50	00:00:00
CT-150	WSTBRNP	19:56:30	19:56:30 5W50	00:00:00
CT-150	PADTONX	19:57:30	19:58:30 2W50	00:01:00
CT-150	ILFORD	20:25:00	20:25:30 2W50	00:00:30
CT-150	SHENFLD	20:50:00	21:02:00 2B17	00:12:00
CT-150	PADTONX	21:52:30	21:53:30 5B17	00:01:00
CT-150	WSTBRNP	21:55:30	22:04:00 5B16	00:08:30
CT-150	PADTONX	22:06:00	22:07:00 2B16	00:01:00
CT-150	ILFORD	22:33:30	22:34:00 2B16	00:00:30
CT-150	SHENFLD	22:56:30	23:06:00 2A41	00:09:30
CT-150	PADTONX	23:56:30	23:57:30 5A41	00:01:00
CT-150	WSTBRNP	23:59:30	00:09:00 5T32	00:09:30
CT-150	PADTONX	00:11:00	00:12:00 2T32	00:01:00
CT-150	ABWD	00:40:00	00:47:00 5T32	00:07:00
CT-150	PLUMSDG	00:56:00		

Diagram CT-151			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-151	OLDOXRD		06:53:00	5B14	
CT-151	OLDOXRW	06:56:00	06:56:00	5B14	00:00:00
CT-151	OLDOXRB	07:00:30	07:00:30	5B14	00:00:00
CT-151	WSTBRNP	07:04:30	07:04:30	5B14	00:00:00
CT-151	PADTONX	07:05:30	07:06:30	2B14	00:01:00
CT-151	ABWD	07:35:00	07:44:00	2A31	00:09:00
CT-151	PADTONX	08:11:30	08:12:30	5A31	00:01:00
CT-151	WSTBRNP	08:14:30	08:21:30	5W40	00:07:00
CT-151	PADTONX	08:23:30	08:24:30	2W40	00:01:00
CT-151	ILFORD	08:51:00	08:51:30	2W40	00:00:30
CT-151	SHENFLD	09:14:00	09:15:00	5W40	00:01:00
CT-151	SHENFDS	09:17:00	16:35:30	5W13	07:18:30
CT-151	SHENFLD	16:37:30	16:38:30	2W13	00:01:00
CT-151	PADTONX	17:29:00	17:30:00	5D13	00:01:00
CT-151	WSTBRNP	17:31:00	17:31:00	5D13	00:00:00
CT-151	OLDOXRB	17:35:30	17:35:30	5D13	00:00:00
CT-151	OLDOXRW	17:43:00	17:43:00	5D13	00:00:00
CT-151	OLDOXRD	17:46:00	18:11:00	5T96	00:25:00



CT-151	OLDOXRW	18:14:00	18:14:00	5T96	00:00:00
CT-151	OLDOXRB	18:18:30	18:18:30	5T96	00:00:00
CT-151	WSTBRNP	18:22:30	18:22:30	5T96	00:00:00
CT-151	PADTONX	18:23:30	18:24:30	2T96	00:01:00
CT-151	ABWD	18:54:00	19:06:30	2T95	00:12:30
CT-151	PADTONX	19:34:00	19:35:00	5D95	00:01:00
CT-151	WSTBRNP	19:36:00	19:36:00	5D95	00:00:00
CT-151	OLDOXRB	19:40:30	19:40:30	5D95	00:00:00
CT-151	OLDOXRW	19:48:00	19:48:00	5D95	00:00:00
CT-151	OLDOXRD	19:51:00	20:45:00	5W58	00:54:00
CT-151	OLDOXRW	20:48:00	20:48:00	5W58	00:00:00
CT-151	OLDOXRB	20:52:30	20:52:30	5W58	00:00:00
CT-151	WSTBRNP	20:56:30	20:56:30	5W58	00:00:00
CT-151	PADTONX	20:57:30	20:58:30	2W58	00:01:00
CT-151	ILFORD	21:25:00	21:25:30	2W58	00:00:30
CT-151	SHENFLD	21:48:00	21:56:00	2W69	00:08:00
CT-151	PADTONX	22:46:30	22:50:00	5W69	00:03:30
CT-151	WSTBRNP	22:52:00	22:59:00	5A34	00:07:00
CT-151	PADTONX	23:01:00	23:02:00	2A34	00:01:00
CT-151	ABWD	23:30:00	23:44:00	2A43	00:14:00
CT-151	PADTONX	00:11:30	00:12:30	5A43	00:01:00
CT-151	WSTBRNP	00:14:30	00:23:00	5W72	00:08:30
CT-151	PADTONX	00:25:00	00:27:00	2W72	00:02:00
CT-151	ILFORD	00:53:30	00:54:00	2W72	00:00:30
CT-151	SHENFLD	01:16:30	01:23:30	5W72	00:07:00
CT-151	GIDEPKS	01:33:00			

Diagram 1		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
	1 GIDEPKS		06:39:00	5L03	
	1 GIDEAPK	06:41:00	06:42:00	2L03	00:01:00
	1 LIVST	07:10:00	07:17:00	5L13	00:07:00
	1 GIDEPKM	07:47:30	07:58:30	5L13	00:11:00
	1 GIDEAPK	08:00:30	08:01:30	2L13	00:01:00
	1 LIVST	08:29:30	08:38:00	5L23	00:08:30
	1 GIDEPKM	09:08:00	09:21:00	5L23	00:13:00
	1 GIDEAPK	09:23:00	09:24:00	2L23	00:01:00
	1 LIVST	09:52:00	10:00:00	5V23	00:08:00
	1 CHADHTM	10:23:00	10:34:00	5V23	00:11:00
	1 ILFEMUD	10:44:00	16:12:00	5L56	05:28:00
	1 CHADHTM	16:23:00	16:35:30	5L56	00:12:30
	1 LIVST	17:00:30	17:12:30	2C56	00:12:00
	1 GIDEAPK	17:41:00	17:42:00	5C56	00:01:00
	1 GIDEPKM	17:44:00	17:52:00	5L66	00:08:00
	1 LIVST	18:22:00	18:29:00	2C66	00:07:00
	1 GIDEAPK	18:57:30	18:58:30	5C66	00:01:00

	1 GIDEPKS		19:00:30		
	Diagram 2		Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
	2 GIDEPKS		06:57:00	5L05	
	2 GIDEAPK	06:59:00	07:00:00	2L05	00:01:00
	2 LIVST	07:28:00	07:35:00	5L15	00:07:00
	2 GIDEPKM	08:05:30	08:13:30	5L15	00:08:00
	2 GIDEAPK	08:15:30	08:16:30	2L13	00:01:00
	2 LIVST	08:44:30	08:53:00	5C15	00:08:30
	2 GIDEPKS	09:23:00	15:46:00	5L50	06:23:00
	2 LIVST	16:16:00	16:23:00	2C50	00:07:00
	2 GIDEAPK	16:51:30	16:52:30	5C50	00:01:00
	2 GIDEPKM	16:54:30	17:04:30	5L60	00:10:00
	2 LIVST	17:34:30	17:42:30	2C60	00:08:00
	2 GIDEAPK	18:11:00	18:12:00	5C60	00:01:00
	2 GIDEPKM	18:14:00	18:22:00	5L70	00:08:00
	2 LIVST	18:52:00	19:05:30	2C70	00:13:30
	2 GIDEAPK	19:34:00	19:35:00	5C70	00:01:00
	2 GIDEPKM	19:37:00	19:45:00	5V70	00:08:00
	2 ILFEMUD	20:00:00			

	Diagram 3		Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
	3 ILFEMUD		07:03:00	5L09	
	3 GIDEPKM	07:19:30	07:28:30	5L09	00:09:00
	3 GIDEAPK	07:30:30	07:31:30	2L11	00:01:00
	3 LIVST	07:59:30	08:08:00	5L19	00:08:30
	3 GIDEPKM	08:38:00	08:45:00	5L19	00:07:00
	3 GIDEAPK	08:47:00	08:48:00	2L19	00:01:00
	3 LIVST	09:16:00	09:23:00	5C19	00:07:00
	3 GIDEPKS	09:53:00	16:04:00	5L52	06:11:00
	3 LIVST	16:34:00	16:41:00	2C52	00:12:00
	3 GIDEAPK	17:09:30	17:10:30	5C52	00:01:00
	3 GIDEPKM	17:12:30	17:19:30	5L62	00:07:00
	3 LIVST	17:49:30	17:57:30	2C62	00:08:00
	3 GIDEAPK	18:26:00	18:27:00	5C62	00:01:00
	3 GIDEPKM	18:29:00	18:37:00	5L72	00:08:00
	3 LIVST	19:08:30	19:27:30	2C72	00:19:00
	3 GIDEAPK	19:56:00	19:57:00	5C72	00:01:00
	3 GIDEPKS	19:59:00			

	Diagram 4		Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
	4 GIDEPKS		07:13:30	5L07	
	4 GIDEAPK	07:15:30	07:16:30	2L07	00:01:00

4 LIVST	07:44:30	07:53:00	5L17	00:08:30
4 GIDEPKM	08:23:30	08:28:30	5L17	00:05:00
4 GIDEAPK	08:30:30	08:31:30	2L17	00:01:00
4 LIVST	08:59:30	09:08:00	5C17	00:08:30
4 GIDEPKS	09:38:00	16:19:30	5L54	06:41:30
4 LIVST	16:49:30	16:57:30	2C54	00:08:00
4 GIDEAPK	17:26:00	17:27:00	5C54	00:01:00
4 GIDEPKM	17:29:00	17:34:00	5L64	00:05:00
4 LIVST	18:04:30	18:12:30	2C64	00:08:00
4 GIDEAPK	18:41:00	18:42:00	5C64	00:01:00
4 GIDEPKS	18:44:00			

## Diagram 5

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
	5 GIDEPKS		07:43:30	5L11	
	5 GIDEAPK	07:45:30	07:46:30	2L11	00:01:00
	5 LIVST	08:14:30	08:23:00	5L21	00:08:30
	5 GIDEPKM	08:53:00	09:03:00	5L21	00:10:00
	5 GIDEAPK	09:05:00	09:06:00	2L21	00:01:00
	5 LIVST	09:34:00	09:41:00	5V21	00:07:00
	5 CHADHTM	10:05:00	10:12:00	5V21	00:07:00
	5 ILFEMUD	10:22:00	16:31:00	5L58	06:09:00
	5 CHADHTM	16:42:00	16:55:30	5L58	00:13:30
	5 LIVST	17:19:30	17:27:30	2C58	00:08:00
	5 GIDEAPK	17:56:00	17:57:00	5C58	00:01:00
	5 GIDEPKM	17:59:00	18:10:00	5L68	00:11:00
	5 LIVST	18:40:00	18:47:00	2C68	00:07:00
	5 GIDEAPK	19:15:30	19:16:30	5C68	00:01:00
	5 GIDEPKS	19:18:30			

## Diagram OC501

Traction: 345

Operational Spare Unit

Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	OLDOCCS		05:30:00	
	OLDOCCS	20:00:00		

## Diagram OC502

Traction: 345

Operational Spare Unit

Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	ILFEMUD		05:30:00	
	ILFEMUD	20:00:00		

## Stage 4 SO

Diagram CT-101			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-101	ILFEMUD		04:20:30	5L01	
CT-101	SHENFLD	04:39:00	04:46:00	2L01	00:07:00
CT-101	LIVST	05:24:30	05:33:00	2W02	00:08:30
CT-101	ILFORD	05:48:30	05:49:00	2W02	00:00:30
CT-101	SHENFLD	06:11:30	06:26:00	2W15	00:14:30
CT-101	PADTONX	07:16:30	07:17:30	5W15	00:01:00
CT-101	WSTBRNP	07:19:30	07:29:00	5A22	00:09:30
CT-101	PADTONX	07:31:00	07:32:00	2A22	00:01:00
CT-101	ABWD	08:00:00	08:14:00	2A35	00:14:00
CT-101	PADTONX	08:41:30	08:42:30	5A35	00:01:00
CT-101	WSTBRNP	08:44:30	08:51:30	5T30	00:07:00
CT-101	PADTONX	08:53:30	08:54:30	2T30	00:01:00
CT-101	ABWD	09:24:30	09:36:30	2T41	00:12:00
CT-101	PADTONX	10:04:00	10:05:00	5T41	00:01:00
CT-101	WSTBRNP	10:07:00	10:14:00	5A32	00:07:00
CT-101	PADTONX	10:16:00	10:17:00	2A32	00:01:00
CT-101	ABWD	10:47:00	10:59:00	2A41	00:12:00
CT-101	PADTONX	11:26:30	11:27:30	5A41	00:01:00
CT-101	WSTBRNP	11:29:30	11:36:30	5T38	00:07:00
CT-101	PADTONX	11:38:30	11:39:30	2T38	00:01:00
CT-101	ABWD	12:09:30	12:21:30	2T47	00:12:00
CT-101	PADTONX	12:49:00	12:50:00	5D47	00:01:00
CT-101	WSTBRNP	12:51:00	12:51:00	5D47	00:00:00
CT-101	OLDOXRB	12:55:30	12:55:30	5D47	00:00:00
CT-101	OLDOXRW	13:03:00	13:03:00	5D47	00:00:00
CT-101	OLDOXRD	13:06:00	13:49:00	5A62	00:43:00
CT-101	OLDOXRW	13:52:00	13:52:00	5A62	00:00:00
CT-101	OLDOXRB	13:56:30	13:56:30	5A62	00:00:00
CT-101	WSTBRNP	14:00:30	14:00:30	5A62	00:00:00
CT-101	PADTONX	14:01:30	14:02:00	2A62	00:00:30
CT-101	ABWD	14:32:00	14:44:00	2A71	00:12:00
CT-101	PADTONX	15:11:30	15:12:30	5A71	00:01:00
CT-101	WSTBRNP	15:14:30	15:21:30	5T68	00:07:00
CT-101	PADTONX	15:23:30	15:24:30	2T68	00:01:00
CT-101	ABWD	15:54:30	16:06:30	2T77	00:12:00
CT-101	PADTONX	16:34:00	16:35:00	5T77	00:01:00
CT-101	WSTBRNP	16:37:00	16:44:00	5A84	00:07:00
CT-101	PADTONX	16:46:00	16:47:00	2A84	00:01:00
CT-101	ABWD	17:17:00	17:29:00	2A93	00:12:00
CT-101	PADTONX	17:56:30	17:57:30	5A93	00:01:00
CT-101	WSTBRNP	17:59:30	18:06:30	5T94	00:07:00
CT-101	PADTONX	18:08:30	18:09:30	2T94	00:01:00



CT-101	ABWD	18:39:30	18:51:30	2T99	00:12:00
CT-101	PADTONX	19:19:00	19:20:00	5D99	00:01:00
CT-101	WSTBRNP	19:21:00	19:21:00	5D99	00:00:00
CT-101	OLDOXRB	19:25:30	19:25:30	5D99	00:00:00
CT-101	OLDOXRW	19:33:00	19:33:00	5D99	00:00:00
CT-101	OLDOXRD	19:36:00	20:18:30	5A14	00:42:30
CT-101	OLDOXRW	20:21:30	20:21:30	5A14	00:00:00
CT-101	OLDOXRB	20:26:00	20:26:00	5A14	00:00:00
CT-101	WSTBRNP	20:30:00	20:30:00	5A14	00:00:00
CT-101	PADTONX	20:31:00	20:32:00	2A14	00:01:00
CT-101	ABWD	21:02:00	21:14:00	2A23	00:12:00
CT-101	PADTONX	21:41:30	21:42:30	5A23	00:01:00
CT-101	WSTBRNP	21:44:30	21:51:30	5T26	00:07:00
CT-101	PADTONX	21:53:30	21:54:30	2T26	00:01:00
CT-101	ABWD	22:22:30	22:34:00	2T15	00:11:30
CT-101	PADTONX	23:01:30	23:02:30	5T15	00:01:00
CT-101	WSTBRNP	23:04:30	23:14:00	5A36	00:09:30
CT-101	PADTONX	23:16:00	23:17:00	2A36	00:01:00
CT-101	ILFORD	23:43:30	23:44:00	2A36	00:00:30
CT-101	SHENFLD	00:06:30	00:13:30	5V36	00:07:00
CT-101	ILFEMUD	00:38:30			

Diagram CT-102

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-102	OLDOXRD		04:23:00	5Y08	
CT-102	OLDOXRW	04:26:00	04:26:00	5Y08	00:00:00
CT-102	OLDOXRB	04:30:30	04:30:30	5Y08	00:00:00
CT-102	PADTON	04:37:00	04:45:00	5Y08	00:08:00
CT-102	HTRWTM4	05:06:00	05:18:00	2Y08	00:12:00
CT-102	PADTON	05:49:00	05:57:00	2T13	00:08:00
CT-102	HTRWTM4	06:26:00	06:48:00	2Y14	00:22:00
CT-102	PADTON	07:19:00	07:27:00	2T19	00:08:00
CT-102	HTRWTM4	07:56:00	08:18:00	2Y20	00:22:00
CT-102	PADTON	08:49:00	08:57:00	2T25	00:08:00
CT-102	HTRWTM4	09:26:00	09:48:00	2Y26	00:22:00
CT-102	PADTON	10:19:00	10:27:00	2T31	00:08:00
CT-102	HTRWTM4	10:56:00	11:18:00	2Y32	00:22:00
CT-102	PADTON	11:49:00	11:57:00	2T37	00:08:00
CT-102	HTRWTM4	12:26:00	12:48:00	2Y38	00:22:00
CT-102	PADTON	13:19:00	13:27:00	2T43	00:08:00
CT-102	HTRWTM4	13:56:00	14:18:00	2Y44	00:22:00
CT-102	PADTON	14:49:00	14:57:00	2T49	00:08:00
CT-102	HTRWTM4	15:26:00	15:48:00	2Y50	00:22:00
CT-102	PADTON	16:19:00	16:27:00	2T55	00:08:00
CT-102	HTRWTM4	16:56:00	17:18:00	2Y56	00:22:00
CT-102	PADTON	17:49:00	17:57:00	2T61	00:08:00
CT-102	HTRWTM4	18:26:00	18:48:00	2Y62	00:22:00

CT-102	PADTON	19:19:00	19:27:00	2T67	00:08:00
CT-102	HTRWTM4	19:56:00	20:18:00	2Y68	00:22:00
CT-102	PADTON	20:49:00	20:57:00	2T73	00:08:00
CT-102	HTRWTM4	21:26:00	21:48:00	2Y74	00:22:00
CT-102	PADTON	22:19:00	22:27:00	2T79	00:08:00
CT-102	HTRWTM4	22:56:00	23:18:00	2Y80	00:22:00
CT-102	PADTON	23:49:00	23:57:00	2T85	00:08:00
CT-102	HTRWTM4	00:26:00	00:33:00	5T85	00:07:00
CT-102	OLDOECL	00:53:30	01:00:30	5T85	00:07:00
CT-102	OLDOXRD	01:08:30			

Diagram CT-103		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-103	OLDOXRD		04:35:00	5T09	
CT-103	OLDOXRW	04:38:00	04:38:00	5T09	00:00:00
CT-103	OLDOXRB	04:42:30	04:42:30	5T09	00:00:00
CT-103	PADTON	04:49:00	04:57:00	2T09	00:08:00
CT-103	HTRWTM4	05:26:00	05:48:00	2Y10	00:22:00
CT-103	PADTON	06:19:00	06:27:00	2T15	00:08:00
CT-103	HTRWTM4	06:56:00	07:18:00	2Y16	00:22:00
CT-103	PADTON	07:49:00	07:57:00	2T21	00:08:00
CT-103	HTRWTM4	08:26:00	08:48:00	2Y22	00:22:00
CT-103	PADTON	09:19:00	09:27:00	2T27	00:08:00
CT-103	HTRWTM4	09:56:00	10:18:00	2Y28	00:22:00
CT-103	PADTON	10:49:00	10:57:00	2T33	00:08:00
CT-103	HTRWTM4	11:26:00	11:48:00	2Y34	00:22:00
CT-103	PADTON	12:19:00	12:27:00	2T39	00:08:00
CT-103	HTRWTM4	12:56:00	13:18:00	2Y40	00:22:00
CT-103	PADTON	13:49:00	13:57:00	2T45	00:08:00
CT-103	HTRWTM4	14:26:00	14:48:00	2Y46	00:22:00
CT-103	PADTON	15:19:00	15:27:00	2T51	00:08:00
CT-103	HTRWTM4	15:56:00	16:18:00	2Y52	00:22:00
CT-103	PADTON	16:50:00	16:57:00	2T57	00:07:00
CT-103	HTRWTM4	17:26:00	17:48:00	2Y58	00:22:00
CT-103	PADTON	18:19:00	18:27:00	2T63	00:08:00
CT-103	HTRWTM4	18:56:00	19:18:00	2Y64	00:22:00
CT-103	PADTON	19:49:00	19:57:00	2T69	00:08:00
CT-103	HTRWTM4	20:26:00	20:48:00	2Y70	00:22:00
CT-103	PADTON	21:19:00	21:27:00	2T75	00:08:00
CT-103	HTRWTM4	21:56:00	22:18:00	2Y76	00:22:00
CT-103	PADTON	22:49:00	22:57:00	2T81	00:08:00
CT-103	HTRWTM4	23:26:00	23:48:00	2Y82	00:22:00
CT-103	PADTON	00:19:00	00:30:00	5Y82	00:11:00
CT-103	OLDOXRB	00:36:30	00:36:30	5Y82	00:00:00
CT-103	OLDOXRW	00:44:30	00:44:30	5Y82	00:00:00
CT-103	OLDOXRD	00:47:30			

Diagram CT-104			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-104	OLDOXRD		04:35:30	5Y09	
CT-104	OLDOECL	04:43:30	04:50:30	5Y09	00:07:00
CT-104	HTRWTM4	05:13:00	05:33:00	2Y09	00:20:00
CT-104	PADTON	06:04:00	06:12:00	2T14	00:08:00
CT-104	HTRWTM4	06:41:00	07:03:00	2Y15	00:22:00
CT-104	PADTON	07:34:00	07:42:00	2T20	00:08:00
CT-104	HTRWTM4	08:11:00	08:33:00	2Y21	00:22:00
CT-104	PADTON	09:04:00	09:12:00	2T26	00:08:00
CT-104	HTRWTM4	09:41:00	10:03:00	2Y27	00:22:00
CT-104	PADTON	10:34:00	10:42:00	2T32	00:08:00
CT-104	HTRWTM4	11:11:00	11:33:00	2Y33	00:22:00
CT-104	PADTON	12:04:00	12:12:00	2T38	00:08:00
CT-104	HTRWTM4	12:41:00	13:03:00	2Y39	00:22:00
CT-104	PADTON	13:34:00	13:42:00	2T44	00:08:00
CT-104	HTRWTM4	14:11:00	14:33:00	2Y45	00:22:00
CT-104	PADTON	15:04:00	15:12:00	2T50	00:08:00
CT-104	HTRWTM4	15:41:00	16:03:00	2Y51	00:22:00
CT-104	PADTON	16:34:00	16:42:00	2T56	00:08:00
CT-104	HTRWTM4	17:11:00	17:33:00	2Y57	00:22:00
CT-104	PADTON	18:04:00	18:12:00	2T62	00:08:00
CT-104	HTRWTM4	18:41:00	19:03:00	2Y63	00:22:00
CT-104	PADTON	19:35:00	19:42:00	2T68	00:07:00
CT-104	HTRWTM4	20:11:00	20:33:00	2Y69	00:22:00
CT-104	PADTON	21:04:00	21:12:00	2T74	00:08:00
CT-104	HTRWTM4	21:41:00	22:03:00	2Y75	00:22:00
CT-104	PADTON	22:34:00	22:42:00	2T80	00:08:00
CT-104	HTRWTM4	23:11:00	23:33:00	2Y81	00:22:00
CT-104	PADTON	00:04:00	00:12:00	2T86	00:08:00
CT-104	HTRWTM4	00:41:00	00:48:00	5T86	00:07:00
CT-104	PADTON	01:07:00	01:14:00	5T86	00:07:00
CT-104	OLDOXRB	01:19:30	01:19:30	5T86	00:00:00
CT-104	OLDOXRW	01:27:00	01:27:00	5T86	00:00:00
CT-104	OLDOXRD	01:30:00			

Diagram CT-105			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-105	OLDOXRD		04:47:00	5T10	
CT-105	OLDOXRW	04:50:00	04:50:00	5T10	00:00:00
CT-105	OLDOXRB	04:54:30	04:54:30	5T10	00:00:00
CT-105	PADTON	05:01:00	05:12:00	2T10	00:11:00
CT-105	HTRWTM4	05:41:00	06:03:00	2Y11	00:22:00
CT-105	PADTON	06:34:00	06:42:00	2T16	00:08:00
CT-105	HTRWTM4	07:11:00	07:33:00	2Y17	00:22:00
CT-105	PADTON	08:04:00	08:12:00	2T22	00:08:00

CT-105	HTRWTM4	08:41:00	09:03:00	2Y23	00:22:00
CT-105	PADTON	09:34:00	09:42:00	2T28	00:08:00
CT-105	HTRWTM4	10:11:00	10:33:00	2Y29	00:22:00
CT-105	PADTON	11:04:00	11:12:00	2T34	00:08:00
CT-105	HTRWTM4	11:41:00	12:03:00	2Y35	00:22:00
CT-105	PADTON	12:34:00	12:42:00	2T40	00:08:00
CT-105	HTRWTM4	13:11:00	13:33:00	2Y41	00:22:00
CT-105	PADTON	14:04:00	14:12:00	2T46	00:08:00
CT-105	HTRWTM4	14:41:00	15:03:00	2Y47	00:22:00
CT-105	PADTON	15:34:00	15:42:00	2T52	00:08:00
CT-105	HTRWTM4	16:11:00	16:33:00	2Y53	00:22:00
CT-105	PADTON	17:04:00	17:12:00	2T58	00:08:00
CT-105	HTRWTM4	17:41:00	18:03:00	2Y59	00:22:00
CT-105	PADTON	18:34:00	18:42:00	2T64	00:08:00
CT-105	HTRWTM4	19:11:00	19:33:00	2Y65	00:22:00
CT-105	PADTON	20:04:00	20:12:00	2T70	00:08:00
CT-105	HTRWTM4	20:41:00	21:03:00	2Y71	00:22:00
CT-105	PADTON	21:34:00	21:42:00	2T76	00:08:00
CT-105	HTRWTM4	22:11:00	22:33:00	2Y77	00:22:00
CT-105	PADTON	23:04:00	23:12:00	2T82	00:08:00
CT-105	HTRWTM4	23:41:00	00:03:00	2Y83	00:22:00
CT-105	PADTON	00:34:00	00:41:00	5Y83	00:07:00
CT-105	OLDOXRB	00:46:30	00:46:30	5Y83	00:00:00
CT-105	OLDOXRW	00:54:00	00:54:00	5Y83	00:00:00
CT-105	OLDOXRD	00:57:00			

Diagram CT-106			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-106	GIDEPKS		04:49:00	5A13	
CT-106	SHENFLD	04:58:30	05:06:00	2A13	00:07:30
CT-106	PADTONX	05:56:30	05:57:30	5A13	00:01:00
CT-106	WSTBRNP	05:59:30	06:09:00	5T04	00:09:30
CT-106	PADTONX	06:11:00	06:12:00	2T04	00:01:00
CT-106	ABWD	06:40:00	06:54:00	2B15	00:14:00
CT-106	PADTONX	07:21:30	07:22:30	5B15	00:01:00
CT-106	WSTBRNP	07:24:30	07:34:00	5B18	00:09:30
CT-106	PADTONX	07:36:00	07:37:00	2B18	00:01:00
CT-106	ILFORD	08:03:30	08:04:00	2B18	00:00:30
CT-106	SHENFLD	08:27:30	08:39:30	2W57	00:12:00
CT-106	PADTONX	09:30:00	09:31:00	5D57	00:01:00
CT-106	WSTBRNP	09:32:00	09:32:00	5D57	00:00:00
CT-106	OLDOXRB	09:37:30	09:37:30	5D57	00:00:00
CT-106	OLDOXRW	09:45:00	09:45:00	5D57	00:00:00
CT-106	OLDOXRD	09:48:00	10:30:00	5W46	00:42:00
CT-106	OLDOXRW	10:33:00	10:33:00	5W46	00:00:00
CT-106	OLDOXRB	10:37:30	10:37:30	5W46	00:00:00



CT-106	WSTBRNP	10:41:30	10:41:30	5W46	00:00:00
CT-106	PADTONX	10:42:30	10:43:30	2W46	00:01:00
CT-106	ILFORD	11:10:00	11:10:30	2W46	00:00:30
CT-106	SHENFLD	11:35:00	11:47:00	2B41	00:12:00
CT-106	PADTONX	12:37:30	12:38:30	5B41	00:01:00
CT-106	WSTBRNP	12:40:30	12:48:00	5B32	00:07:30
CT-106	PADTONX	12:50:00	12:51:00	2B42	00:01:00
CT-106	ILFORD	13:17:30	13:18:00	2B42	00:00:30
CT-106	SHENFLD	13:42:30	13:54:30	2W77	00:12:00
CT-106	PADTONX	14:45:00	14:46:00	5W77	00:01:00
CT-106	WSTBRNP	14:48:00	14:55:30	5W80	00:07:30
CT-106	PADTONX	14:57:30	14:58:30	2W80	00:01:00
CT-106	ILFORD	15:25:00	15:25:30	2W80	00:00:30
CT-106	SHENFLD	15:49:30	16:02:00	2B77	00:12:30
CT-106	PADTONX	16:52:30	16:53:30	5B77	00:01:00
CT-106	WSTBRNP	16:55:30	17:03:00	5B76	00:07:30
CT-106	PADTONX	17:05:00	17:06:00	2B76	00:01:00
CT-106	ILFORD	17:32:30	17:33:00	2B76	00:00:30
CT-106	SHENFLD	17:57:30	18:09:30	2W41	00:12:00
CT-106	PADTONX	19:00:00	19:01:00	5D41	00:01:00
CT-106	WSTBRNP	19:02:00	19:02:00	5D41	00:00:00
CT-106	OLDOXRB	19:06:30	19:06:30	5D41	00:00:00
CT-106	OLDOXRW	19:14:00	19:14:00	5D41	00:00:00
CT-106	OLDOXRD	19:17:00	19:59:00	5W52	00:42:00
CT-106	OLDOXRW	20:02:00	20:02:00	5W52	00:00:00
CT-106	OLDOXRB	20:06:30	20:06:30	5W52	00:00:00
CT-106	WSTBRNP	20:10:30	20:10:30	5W52	00:00:00
CT-106	PADTONX	20:11:30	20:13:30	2W52	00:02:00
CT-106	ILFORD	20:40:00	20:40:30	2W52	00:00:30
CT-106	SHENFLD	21:05:00	21:17:00	2B19	00:12:00
CT-106	PADTONX	22:07:30	22:08:30	5B19	00:01:00
CT-106	WSTBRNP	22:10:30	22:19:00	5B18	00:08:30
CT-106	PADTONX	22:21:00	22:22:00	2B18	00:01:00
CT-106	ABWD	22:50:00	23:04:00	2T17	00:14:00
CT-106	PADTONX	23:31:30	23:32:30	5T17	00:01:00
CT-106	WSTBRNP	23:34:30	23:44:00	5A40	00:09:30
CT-106	PADTONX	23:46:00	23:47:00	2A40	00:01:00
CT-106	ILFORD	00:13:30	00:14:00	2A40	00:00:30
CT-106	SHENFLD	00:36:30	00:43:30	5A40	00:07:00
CT-106	ILFEMUD	01:08:30			

## Diagram CT-107

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-107	ILFEMUD		04:50:00	5B11	
CT-107	SHENFLD	05:08:30	05:16:00	2B11	00:07:30
CT-107	PADTONX	06:06:30	06:07:30	5B11	00:01:00

CT-107	WSTBRNP	06:09:30	06:19:00 5B08	00:09:30
CT-107	PADTONX	06:21:00	06:22:00 2B08	00:01:00
CT-107	ABWD	06:50:00	07:04:00 2T09	00:14:00
CT-107	PADTONX	07:31:30	07:32:30 5T09	00:01:00
CT-107	WSTBRNP	07:34:30	07:44:00 5A24	00:09:30
CT-107	PADTONX	07:46:00	07:47:00 2A24	00:01:00
CT-107	ILFORD	08:13:30	08:14:00 2A24	00:00:30
CT-107	SHENFLD	08:36:30	08:47:00 2B29	00:10:30
CT-107	PADTONX	09:37:30	09:38:30 5B29	00:01:00
CT-107	WSTBRNP	09:40:30	09:48:00 5B36	00:07:30
CT-107	PADTONX	09:50:00	09:51:00 2B36	00:01:00
CT-107	ILFORD	10:17:30	10:18:00 2B36	00:00:30
CT-107	SHENFLD	10:42:30	10:54:30 2W53	00:12:00
CT-107	PADTONX	11:45:00	11:46:00 5W53	00:01:00
CT-107	WSTBRNP	11:48:00	11:55:30 5W56	00:07:30
CT-107	PADTONX	11:57:30	11:58:30 2W56	00:01:00
CT-107	ILFORD	12:25:00	12:25:30 2W56	00:00:30
CT-107	SHENFLD	12:50:00	13:02:00 2B51	00:12:00
CT-107	PADTONX	13:52:30	13:53:30 5B51	00:01:00
CT-107	WSTBRNP	13:55:30	14:03:00 5B52	00:07:30
CT-107	PADTONX	14:05:00	14:06:00 2B52	00:01:00
CT-107	ILFORD	14:32:30	14:33:00 2B52	00:00:30
CT-107	SHENFLD	14:57:30	15:09:30 2W87	00:12:00
CT-107	PADTONX	16:00:00	16:01:00 5D87	00:01:00
CT-107	WSTBRNP	16:02:00	16:02:00 5D87	00:00:00
CT-107	OLDOXRB	16:07:00	16:07:00 5D87	00:00:00
CT-107	OLDOXRW	16:14:30	16:14:30 5D87	00:00:00
CT-107	OLDOXRD	16:17:30	16:59:00 5W10	00:41:30
CT-107	OLDOXRW	17:02:00	17:02:00 5W10	00:00:00
CT-107	OLDOXRB	17:06:30	17:06:30 5W10	00:00:00
CT-107	WSTBRNP	17:10:30	17:10:30 5W10	00:00:00
CT-107	PADTONX	17:11:30	17:13:30 2W10	00:02:00
CT-107	ILFORD	17:40:00	17:40:30 2W10	00:00:30
CT-107	SHENFLD	18:05:00	18:17:00 2B95	00:12:00
CT-107	PADTONX	19:07:30	19:08:30 5B95	00:01:00
CT-107	WSTBRNP	19:10:30	19:18:00 5B94	00:07:30
CT-107	PADTONX	19:20:00	19:21:00 2B94	00:01:00
CT-107	ILFORD	19:47:30	19:48:00 2B94	00:00:30
CT-107	SHENFLD	20:12:30	20:24:30 2W59	00:12:00
CT-107	PADTONX	21:15:00	21:16:00 5W59	00:01:00
CT-107	WSTBRNP	21:18:00	21:25:30 5W62	00:07:30
CT-107	PADTONX	21:27:30	21:28:30 2W62	00:01:00
CT-107	ILFORD	21:55:00	21:55:30 2W62	00:00:30
CT-107	SHENFLD	22:19:00	22:36:00 2A37	00:17:00
CT-107	PADTONX	23:26:30	23:27:30 5A37	00:01:00
CT-107	WSTBRNP	23:29:30	23:39:00 5T30	00:09:30

CT-107	PADTONX	23:41:00	23:42:00	2T30	00:01:00
CT-107	ABWD	00:10:00	00:17:00	5T30	00:07:00
CT-107	PLUMSDG	00:26:00			

Diagram CT-108		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-108	ILFEMUD		05:00:30	5W05	
CT-108	SHENFLD	05:19:00	05:26:00	2W05	00:07:00
CT-108	PADTONX	06:16:30	06:17:30	5W05	00:01:00
CT-108	WSTBRNP	06:19:30	06:27:00	5A14	00:07:30
CT-108	PADTONX	06:31:00	06:32:00	2A14	00:01:00
CT-108	ABWD	07:00:00	07:14:00	2A27	00:14:00
CT-108	PADTONX	07:41:30	07:42:30	5A27	00:01:00
CT-108	WSTBRNP	07:44:30	07:54:00	5W28	00:09:30
CT-108	PADTONX	07:56:00	07:57:00	2W28	00:01:00
CT-108	ILFORD	08:23:30	08:24:00	2W28	00:00:30
CT-108	SHENFLD	08:48:00	09:02:00	2B31	00:14:00
CT-108	PADTONX	09:52:30	09:53:30	5B31	00:01:00
CT-108	WSTBRNP	09:55:30	10:03:00	5B20	00:07:30
CT-108	PADTONX	10:05:00	10:06:00	2B20	00:01:00
CT-108	ILFORD	10:32:30	10:33:00	2B20	00:00:30
CT-108	SHENFLD	10:55:30	11:09:30	2W55	00:14:00
CT-108	PADTONX	12:00:00	12:01:00	5D55	00:01:00
CT-108	WSTBRNP	12:02:00	12:02:00	5D55	00:00:00
CT-108	OLDOXRB	12:07:00	12:07:00	5D55	00:00:00
CT-108	OLDOXRW	12:14:30	12:14:30	5D55	00:00:00
CT-108	OLDOXRD	12:17:30	12:59:00	5W66	00:41:30
CT-108	OLDOXRW	13:02:00	13:02:00	5W66	00:00:00
CT-108	OLDOXRB	13:06:30	13:06:30	5W66	00:00:00
CT-108	WSTBRNP	13:10:30	13:10:30	5W66	00:00:00
CT-108	PADTONX	13:11:30	13:13:30	2W66	00:02:00
CT-108	ILFORD	13:40:00	13:40:30	2W66	00:00:30
CT-108	SHENFLD	14:05:00	14:17:00	2B61	00:12:00
CT-108	PADTONX	15:07:30	15:08:30	5B61	00:01:00
CT-108	WSTBRNP	15:10:30	15:18:00	5B62	00:07:30
CT-108	PADTONX	15:20:00	15:21:00	2B62	00:01:00
CT-108	ILFORD	15:47:30	15:48:00	2B62	00:00:30
CT-108	SHENFLD	16:12:30	16:24:30	2W07	00:12:00
CT-108	PADTONX	17:15:00	17:16:00	5W07	00:01:00
CT-108	WSTBRNP	17:18:00	17:25:30	5W16	00:07:30
CT-108	PADTONX	17:27:30	17:28:30	2W16	00:01:00
CT-108	ILFORD	17:55:00	17:55:30	2W16	00:00:30
CT-108	SHENFLD	18:20:00	18:32:00	2B97	00:12:00
CT-108	PADTONX	19:22:30	19:23:30	5B97	00:01:00
CT-108	WSTBRNP	19:25:30	19:33:00	5B96	00:07:30
CT-108	PADTONX	19:35:00	19:36:00	2B96	00:01:00

CT-108	ILFORD	20:02:30	20:03:00	2B96	00:00:30
CT-108	SHENFLD	20:27:30	20:39:30	2W61	00:12:00
CT-108	PADTONX	21:30:00	21:31:00	5D61	00:01:00
CT-108	WSTBRNP	21:32:00	21:32:00	5D61	00:00:00
CT-108	OLDOXRB	21:36:30	21:36:30	5D61	00:00:00
CT-108	OLDOXRW	21:44:00	21:44:00	5D61	00:00:00
CT-108	OLDOXRD	21:47:00			

Diagram CT-109			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-109	OLDOXRD		05:02:00	5T11	
CT-109	OLDOXRW	05:05:00	05:05:00	5T11	00:00:00
CT-109	OLDOXRB	05:09:30	05:09:30	5T11	00:00:00
CT-109	PADTON	05:16:00	05:27:00	2T11	00:11:00
CT-109	HTRWTM4	05:56:00	06:18:00	2Y12	00:22:00
CT-109	PADTON	06:49:00	06:57:00	2T17	00:08:00
CT-109	HTRWTM4	07:26:00	07:48:00	2Y18	00:22:00
CT-109	PADTON	08:19:00	08:27:00	2T23	00:08:00
CT-109	HTRWTM4	08:56:00	09:18:00	2Y24	00:22:00
CT-109	PADTON	09:49:00	09:57:00	2T29	00:08:00
CT-109	HTRWTM4	10:26:00	10:48:00	2Y30	00:22:00
CT-109	PADTON	11:19:00	11:27:00	2T35	00:08:00
CT-109	HTRWTM4	11:56:00	12:18:00	2Y36	00:22:00
CT-109	PADTON	12:49:00	12:57:00	2T41	00:08:00
CT-109	HTRWTM4	13:26:00	13:48:00	2Y42	00:22:00
CT-109	PADTON	14:19:00	14:27:00	2T47	00:08:00
CT-109	HTRWTM4	14:56:00	15:18:00	2Y48	00:22:00
CT-109	PADTON	15:49:00	15:57:00	2T53	00:08:00
CT-109	HTRWTM4	16:26:00	16:48:00	2Y54	00:22:00
CT-109	PADTON	17:19:00	17:27:00	2T59	00:08:00
CT-109	HTRWTM4	17:56:00	18:18:00	2Y60	00:22:00
CT-109	PADTON	18:49:00	18:57:00	2T65	00:08:00
CT-109	HTRWTM4	19:26:00	19:48:00	2Y66	00:22:00
CT-109	PADTON	20:19:00	20:27:00	2T71	00:08:00
CT-109	HTRWTM4	20:56:00	21:18:00	2Y72	00:22:00
CT-109	PADTON	21:49:00	21:57:00	2T77	00:08:00
CT-109	HTRWTM4	22:26:00	22:48:00	2Y78	00:22:00
CT-109	PADTON	23:19:00	23:27:00	2T83	00:08:00
CT-109	HTRWTM4	23:56:00	00:13:00	5T83	00:17:00
CT-109	OLDOECL	00:36:30	00:43:30	5T83	00:07:00
CT-109	OLDOXRD	00:51:30			

Diagram CT-110			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-110	PLUMSDG		05:07:30	5B09	



CT-110	ABWD	05:17:00	05:24:00 2B09	00:07:00
CT-110	PADTONX	05:51:30	05:52:30 5B09	00:01:00
CT-110	WSTBRNP	05:54:30	06:02:00 5B06	00:07:30
CT-110	PADTONX	06:06:00	06:07:00 2B06	00:01:00
CT-110	ILFORD	06:33:30	06:34:00 2B06	00:00:30
CT-110	SHENFLD	06:56:30	07:06:00 2A27	00:09:30
CT-110	PADTONX	07:56:30	07:57:30 5A27	00:01:00
CT-110	WSTBRNP	07:59:30	08:09:00 5T24	00:09:30
CT-110	PADTONX	08:11:00	08:12:00 2T24	00:01:00
CT-110	ABWD	08:40:00	08:51:30 2T31	00:11:30
CT-110	PADTONX	09:19:00	09:20:00 5D31	00:01:00
CT-110	WSTBRNP	09:21:00	09:21:00 5D31	00:00:00
CT-110	OLDOXRB	09:25:30	09:25:30 5D31	00:00:00
CT-110	OLDOXRW	09:33:00	09:33:00 5D31	00:00:00
CT-110	OLDOXRD	09:36:00	10:18:30 5A34	00:42:30
CT-110	OLDOXRW	10:21:30	10:21:30 5A34	00:00:00
CT-110	OLDOXRB	10:26:00	10:26:00 5A34	00:00:00
CT-110	WSTBRNP	10:30:00	10:30:00 5A34	00:00:00
CT-110	PADTONX	10:31:00	10:32:00 2A34	00:01:00
CT-110	ABWD	11:02:00	11:14:00 2A43	00:12:00
CT-110	PADTONX	11:41:30	11:42:30 5A43	00:01:00
CT-110	WSTBRNP	11:44:30	11:51:30 5T40	00:07:00
CT-110	PADTONX	11:53:30	11:54:30 2T40	00:01:00
CT-110	ABWD	12:24:30	12:36:30 2T49	00:12:00
CT-110	PADTONX	13:04:00	13:05:00 5T49	00:01:00
CT-110	WSTBRNP	13:07:00	13:14:00 5A56	00:07:00
CT-110	PADTONX	13:16:00	13:17:00 2A56	00:01:00
CT-110	ABWD	13:47:00	13:59:00 2A65	00:12:00
CT-110	PADTONX	14:26:30	14:27:30 5A65	00:01:00
CT-110	WSTBRNP	14:29:30	14:36:30 5T62	00:07:00
CT-110	PADTONX	14:38:30	14:39:30 2T62	00:01:00
CT-110	ABWD	15:09:30	15:21:30 2T71	00:12:00
CT-110	PADTONX	15:49:00	15:50:00 5D71	00:01:00
CT-110	WSTBRNP	15:51:00	15:51:00 5D71	00:00:00
CT-110	OLDOXRB	15:55:30	15:55:30 5D71	00:00:00
CT-110	OLDOXRW	16:03:00	16:03:00 5D71	00:00:00
CT-110	OLDOXRD	16:06:00	16:49:00 5A86	00:43:00
CT-110	OLDOXRW	16:52:00	16:52:00 5A86	00:00:00
CT-110	OLDOXRB	16:56:30	16:56:30 5A86	00:00:00
CT-110	WSTBRNP	17:00:30	17:00:30 5A86	00:00:00
CT-110	PADTONX	17:01:30	17:02:00 2A86	00:00:30
CT-110	ABWD	17:32:00	17:44:00 2A95	00:12:00
CT-110	PADTONX	18:11:30	18:12:30 5A95	00:01:00
CT-110	WSTBRNP	18:14:30	18:21:30 5T96	00:07:00
CT-110	PADTONX	18:23:30	18:24:30 2T96	00:01:00
CT-110	ABWD	18:54:30	19:06:30 2T01	00:12:00

CT-110	PADTONX	19:34:00	19:35:00	5T01	00:01:00
CT-110	WSTBRNP	19:37:00	19:44:00	5A08	00:07:00
CT-110	PADTONX	19:46:00	19:47:00	2A08	00:01:00
CT-110	ABWD	20:17:00	20:29:00	2A17	00:12:00
CT-110	PADTONX	20:56:30	20:57:30	5A17	00:01:00
CT-110	WSTBRNP	20:59:30	21:06:30	5T20	00:07:00
CT-110	PADTONX	21:08:30	21:09:30	2T20	00:01:00
CT-110	ABWD	21:37:30	21:47:00	5T20	00:09:30
CT-110	PLUMSDG	21:56:00			

Diagram CT-111		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-111	GIDEPKS		05:15:30	5B15	
CT-111	SHENFLD	05:25:00	05:36:00	2A15	00:11:00
CT-111	PADTONX	06:26:30	06:27:30	5A15	00:01:00
CT-111	WSTBRNP	06:29:30	06:39:00	5T08	00:09:30
CT-111	PADTONX	06:41:00	06:42:00	2T08	00:01:00
CT-111	ABWD	07:10:00	07:24:00	2B25	00:14:00
CT-111	PADTONX	07:51:30	07:52:30	5D25	00:01:00
CT-111	WSTBRNP	07:53:30	07:53:30	5D25	00:00:00
CT-111	OLDOXRB	07:58:00	07:58:00	5D25	00:00:00
CT-111	OLDOXRW	08:05:30	08:05:30	5D25	00:00:00
CT-111	OLDOXRD	08:08:30	09:30:00	5W66	01:21:30
CT-111	OLDOXRW	09:33:00	09:33:00	5W66	00:00:00
CT-111	OLDOXRB	09:37:30	09:37:30	5W66	00:00:00
CT-111	WSTBRNP	09:41:30	09:41:30	5W66	00:00:00
CT-111	PADTONX	09:42:30	09:43:30	2W66	00:01:00
CT-111	ILFORD	10:10:00	10:10:30	2W66	00:00:30
CT-111	SHENFLD	10:35:00	10:47:00	2B33	00:12:00
CT-111	PADTONX	11:37:30	11:38:30	5B33	00:01:00
CT-111	WSTBRNP	11:40:30	11:48:00	5B34	00:07:30
CT-111	PADTONX	11:50:00	11:51:00	2B34	00:01:00
CT-111	ILFORD	12:17:30	12:18:00	2B34	00:00:30
CT-111	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
CT-111	PADTONX	13:45:00	13:46:00	5W69	00:01:00
CT-111	WSTBRNP	13:48:00	13:55:30	5W72	00:07:30
CT-111	PADTONX	13:57:30	13:58:30	2W72	00:01:00
CT-111	ILFORD	14:25:00	14:25:30	2W72	00:00:30
CT-111	SHENFLD	14:50:00	15:02:00	2B67	00:12:00
CT-111	PADTONX	15:52:30	15:53:30	5B67	00:01:00
CT-111	WSTBRNP	15:55:30	16:03:00	5B68	00:07:30
CT-111	PADTONX	16:05:00	16:06:00	2B68	00:01:00
CT-111	ILFORD	16:32:30	16:33:00	2B68	00:00:30
CT-111	SHENFLD	16:55:30	17:09:30	2W25	00:14:00
CT-111	PADTONX	18:00:00	18:01:00	5D25	00:01:00
CT-111	WSTBRNP	18:02:00	18:02:00	5D25	00:00:00

CT-111	OLDOXRB	18:06:30	18:06:30 5D25	00:00:00
CT-111	OLDOXRW	18:14:00	18:14:00 5D25	00:00:00
CT-111	OLDOXRD	18:17:00	18:59:00 5W44	00:42:00
CT-111	OLDOXRW	19:02:00	19:02:00 5W44	00:00:00
CT-111	OLDOXRB	19:06:30	19:06:30 5W44	00:00:00
CT-111	WSTBRNP	19:10:30	19:10:30 5W44	00:00:00
CT-111	PADTONX	19:11:30	19:13:30 2W44	00:02:00
CT-111	ILFORD	19:40:00	19:40:30 2W44	00:00:30
CT-111	SHENFLD	20:05:00	20:17:00 2B11	00:12:00
CT-111	PADTONX	21:07:30	21:08:30 5B11	00:01:00
CT-111	WSTBRNP	21:10:30	21:18:00 5B10	00:07:30
CT-111	PADTONX	21:20:00	21:21:00 2B10	00:01:00
CT-111	ILFORD	21:47:30	21:48:00 2B10	00:00:30
CT-111	SHENFLD	22:10:30	22:26:00 2W67	00:15:30
CT-111	PADTONX	23:16:30	23:17:30 5W67	00:01:00
CT-111	WSTBRNP	23:19:30	23:29:00 5A38	00:09:30
CT-111	PADTONX	23:31:00	23:32:00 2A38	00:01:00
CT-111	ABWD	00:00:30	00:07:00 5A38	00:06:30
CT-111	PLUMSDG	00:16:00		

## Diagram CT-112

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-112	PLUMSDG		05:17:30	5T03	
CT-112	ABWD	05:27:00	05:34:00	2T03	00:07:00
CT-112	PADTONX	06:01:30	06:02:30	5T03	00:01:00
CT-112	WSTBRNP	06:04:30	06:14:00	5A12	00:09:30
CT-112	PADTONX	06:16:00	06:17:00	2A12	00:01:00
CT-112	ILFORD	06:43:30	06:44:00	2A12	00:00:30
CT-112	SHENFLD	07:09:00	07:16:00	2B21	00:07:00
CT-112	PADTONX	08:06:30	08:07:30	5B21	00:01:00
CT-112	WSTBRNP	08:09:30	08:19:00	5B24	00:09:30
CT-112	PADTONX	08:21:00	08:22:00	2B24	00:01:00
CT-112	ABWD	08:50:00	08:59:00	2A25	00:09:00
CT-112	PADTONX	09:26:30	09:27:30	5A25	00:01:00
CT-112	WSTBRNP	09:29:30	09:36:30	5T38	00:07:00
CT-112	PADTONX	09:38:30	09:39:30	2T38	00:01:00
CT-112	ABWD	10:09:30	10:21:30	2T31	00:12:00
CT-112	PADTONX	10:49:00	10:50:00	5D31	00:01:00
CT-112	WSTBRNP	10:51:00	10:51:00	5D31	00:00:00
CT-112	OLDOXRB	10:55:30	10:55:30	5D31	00:00:00
CT-112	OLDOXRW	11:03:00	11:03:00	5D31	00:00:00
CT-112	OLDOXRD	11:06:00	11:49:00	5A46	00:43:00
CT-112	OLDOXRW	11:52:00	11:52:00	5A46	00:00:00
CT-112	OLDOXRB	11:56:30	11:56:30	5A46	00:00:00
CT-112	WSTBRNP	12:00:30	12:00:30	5A46	00:00:00
CT-112	PADTONX	12:01:30	12:02:00	2A46	00:00:30

CT-112	ABWD	12:32:00	12:44:00	2A55	00:12:00
CT-112	PADTONX	13:11:30	13:12:30	5A55	00:01:00
CT-112	WSTBRNP	13:14:30	13:21:30	5T52	00:07:00
CT-112	PADTONX	13:23:30	13:24:30	2T52	00:01:00
CT-112	ABWD	13:54:30	14:06:30	2T61	00:12:00
CT-112	PADTONX	14:34:00	14:35:00	5T61	00:01:00
CT-112	WSTBRNP	14:37:00	14:44:00	5A68	00:07:00
CT-112	PADTONX	14:46:00	14:47:00	2A68	00:01:00
CT-112	ABWD	15:17:00	15:29:00	2A77	00:12:00
CT-112	PADTONX	15:56:30	15:57:30	5A77	00:01:00
CT-112	WSTBRNP	15:59:30	16:06:30	5T76	00:07:00
CT-112	PADTONX	16:08:30	16:09:30	2T76	00:01:00
CT-112	ABWD	16:39:30	16:51:30	2T83	00:12:00
CT-112	PADTONX	17:19:00	17:20:00	5D83	00:01:00
CT-112	WSTBRNP	17:21:00	17:21:00	5D83	00:00:00
CT-112	OLDOXRB	17:25:30	17:25:30	5D83	00:00:00
CT-112	OLDOXRW	17:33:00	17:33:00	5D83	00:00:00
CT-112	OLDOXRD	17:36:00	18:18:30	5A98	00:42:30
CT-112	OLDOXRW	18:21:30	18:21:30	5A98	00:00:00
CT-112	OLDOXRB	18:26:00	18:26:00	5A98	00:00:00
CT-112	WSTBRNP	18:30:00	18:30:00	5A98	00:00:00
CT-112	PADTONX	18:31:00	18:32:00	2A98	00:01:00
CT-112	ABWD	19:02:00	19:14:00	2A07	00:12:00
CT-112	PADTONX	19:41:30	19:42:30	5A07	00:01:00
CT-112	WSTBRNP	19:44:30	19:51:30	5T10	00:07:00
CT-112	PADTONX	19:53:30	19:54:30	2T10	00:01:00
CT-112	ABWD	20:24:30	20:36:30	2T57	00:12:00
CT-112	PADTONX	21:04:00	21:05:00	5T57	00:01:00
CT-112	WSTBRNP	21:07:00	21:14:00	5A20	00:07:00
CT-112	PADTONX	21:16:00	21:17:00	2A20	00:01:00
CT-112	ABWD	21:45:00	21:54:00	2B21	00:09:00
CT-112	PADTONX	22:21:30	22:22:30	5B21	00:01:00
CT-112	WSTBRNP	22:24:30	22:33:00	5B20	00:08:30
CT-112	PADTONX	22:35:00	22:36:00	2B20	00:01:00
CT-112	ILFORD	23:02:30	23:03:00	2B20	00:00:30
CT-112	SHENFLD	23:25:30	23:36:00	2A45	00:10:30
CT-112	PADTONX	00:26:30	00:27:30	5D45	00:01:00
CT-112	WSTBRNP	00:28:30	00:28:30	5D45	00:00:00
CT-112	OLDOXRB	00:33:00	00:33:00	5D45	00:00:00
CT-112	OLDOXRW	00:40:30	00:40:30	5D45	00:00:00
CT-112	OLDOXRD	00:43:30			

## Diagram CT-113

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-113	ILFEMUD		05:20:00	5W04	
CT-113	LIVST	05:37:00	05:46:00	2W04	00:09:00



CT-113	ILFORD	06:01:30	06:02:00 2W04	00:00:30
CT-113	SHENFLD	06:24:30	06:36:00 2A25	00:11:30
CT-113	PADTONX	07:26:30	07:27:30 5A25	00:01:00
CT-113	WSTBRNP	07:29:30	07:39:00 5T20	00:09:30
CT-113	PADTONX	07:41:00	07:42:00 2T20	00:01:00
CT-113	ABWD	08:10:00	08:24:00 2B33	00:14:00
CT-113	PADTONX	08:51:30	08:52:30 5B33	00:01:00
CT-113	WSTBRNP	08:54:30	09:03:00 5B30	00:08:30
CT-113	PADTONX	09:05:00	09:06:00 2B30	00:01:00
CT-113	ILFORD	09:32:30	09:33:00 2B30	00:00:30
CT-113	SHENFLD	09:55:30	10:09:30 2W47	00:14:00
CT-113	PADTONX	11:00:00	11:01:00 5D47	00:01:00
CT-113	WSTBRNP	11:02:00	11:02:00 5D47	00:00:00
CT-113	OLDOXRB	11:06:30	11:06:30 5D47	00:00:00
CT-113	OLDOXRW	11:14:00	11:14:00 5D47	00:00:00
CT-113	OLDOXRD	11:17:00	11:59:00 5W58	00:42:00
CT-113	OLDOXRW	12:02:00	12:02:00 5W58	00:00:00
CT-113	OLDOXRB	12:06:30	12:06:30 5W58	00:00:00
CT-113	WSTBRNP	12:10:30	12:10:30 5W58	00:00:00
CT-113	PADTONX	12:11:30	12:13:30 2W58	00:02:00
CT-113	ILFORD	12:40:00	12:40:30 2W58	00:00:30
CT-113	SHENFLD	13:05:00	13:17:00 2B53	00:12:00
CT-113	PADTONX	14:07:30	14:08:30 5B53	00:01:00
CT-113	WSTBRNP	14:10:30	14:18:00 5B54	00:07:30
CT-113	PADTONX	14:20:00	14:21:00 2B54	00:01:00
CT-113	ILFORD	14:47:30	14:48:00 2B54	00:00:30
CT-113	SHENFLD	15:12:30	15:24:30 2W89	00:12:00
CT-113	PADTONX	16:15:00	16:16:00 5W89	00:01:00
CT-113	WSTBRNP	16:18:00	16:25:30 5W94	00:07:30
CT-113	PADTONX	16:27:30	16:28:30 2W94	00:01:00
CT-113	ILFORD	16:55:00	16:55:30 2W94	00:00:30
CT-113	SHENFLD	17:20:00	17:32:00 2B89	00:12:00
CT-113	PADTONX	18:22:30	18:23:30 5B89	00:01:00
CT-113	WSTBRNP	18:25:30	18:33:00 5B88	00:07:30
CT-113	PADTONX	18:35:00	18:36:00 2B88	00:01:00
CT-113	ILFORD	19:02:30	19:03:00 2B88	00:00:30
CT-113	SHENFLD	19:27:30	19:39:30 2W53	00:12:00
CT-113	PADTONX	20:30:00	20:31:00 5D53	00:01:00
CT-113	WSTBRNP	20:32:00	20:32:00 5D53	00:00:00
CT-113	OLDOXRB	20:37:00	20:37:00 5D53	00:00:00
CT-113	OLDOXRW	20:44:30	20:44:30 5D53	00:00:00
CT-113	OLDOXRD	20:47:30	21:30:00 5W64	00:42:30
CT-113	OLDOXRW	21:33:00	21:33:00 5W64	00:00:00
CT-113	OLDOXRB	21:37:30	21:37:30 5W64	00:00:00
CT-113	WSTBRNP	21:41:30	21:41:30 5W64	00:00:00
CT-113	PADTONX	21:42:30	21:43:30 2W64	00:01:00

CT-113	ILFORD	22:10:00	22:10:30 2W64	00:00:30
CT-113	SHENFLD	22:33:00	22:46:00 2B31	00:13:00
CT-113	PADTONX	23:36:30	23:37:30 5B31	00:01:00
CT-113	WSTBRNP	23:39:30	23:49:00 5B30	00:09:30
CT-113	PADTONX	23:51:00	23:52:00 2B30	00:01:00
CT-113	ABWD	00:20:00	00:27:00 5B30	00:07:00
CT-113	PLUMSDG	00:36:00		

Diagram CT-114		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-114	OLDOXRD		05:20:00	5T12	
CT-114	OLDOXRW	05:23:00	05:23:00	5T12	00:00:00
CT-114	OLDOXRB	05:27:30	05:27:30	5T12	00:00:00
CT-114	PADTON	05:34:00	05:42:00	2T12	00:08:00
CT-114	HTRWTM4	06:11:00	06:33:00	2Y13	00:22:00
CT-114	PADTON	07:04:00	07:12:00	2T18	00:08:00
CT-114	HTRWTM4	07:41:00	08:03:00	2Y19	00:22:00
CT-114	PADTON	08:34:00	08:42:00	2T24	00:08:00
CT-114	HTRWTM4	09:11:00	09:33:00	2Y25	00:22:00
CT-114	PADTON	10:04:00	10:12:00	2T30	00:08:00
CT-114	HTRWTM4	10:41:00	11:03:00	2Y31	00:22:00
CT-114	PADTON	11:34:00	11:42:00	2T36	00:08:00
CT-114	HTRWTM4	12:11:00	12:33:00	2Y37	00:22:00
CT-114	PADTON	13:04:00	13:12:00	2T42	00:08:00
CT-114	HTRWTM4	13:41:00	14:03:00	2Y43	00:22:00
CT-114	PADTON	14:34:00	14:42:00	2T48	00:08:00
CT-114	HTRWTM4	15:11:00	15:33:00	2Y49	00:22:00
CT-114	PADTON	16:04:00	16:12:00	2T54	00:08:00
CT-114	HTRWTM4	16:41:00	17:03:00	2Y55	00:22:00
CT-114	PADTON	17:34:00	17:42:00	2T60	00:08:00
CT-114	HTRWTM4	18:11:00	18:33:00	2Y61	00:22:00
CT-114	PADTON	19:04:00	19:12:00	2T66	00:08:00
CT-114	HTRWTM4	19:41:00	20:03:00	2Y67	00:22:00
CT-114	PADTON	20:34:00	20:42:00	2T72	00:08:00
CT-114	HTRWTM4	21:11:00	21:33:00	2Y73	00:22:00
CT-114	PADTON	22:04:00	22:12:00	2T78	00:08:00
CT-114	HTRWTM4	22:41:00	23:03:00	2Y79	00:22:00
CT-114	PADTON	23:34:00	23:42:00	2T84	00:08:00
CT-114	HTRWTM4	00:11:00	00:18:00	5T84	00:07:00
CT-114	PADTON	00:45:00	00:52:00	5T84	00:07:00
CT-114	OLDOXRB	00:57:30	00:57:30	5T84	00:00:00
CT-114	OLDOXRW	01:05:00	01:05:00	5T84	00:00:00
CT-114	OLDOXRD	01:08:00			

Diagram CT-115		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A

CT-115	PLUMSDG		05:27:30 5A15	
CT-115	ABWD	05:37:00	05:44:00 2A15	00:07:00
CT-115	PADTONX	06:11:30	06:12:30 5A15	00:01:00
CT-115	WSTBRNP	06:14:30	06:24:00 5W10	00:09:30
CT-115	PADTONX	06:26:00	06:27:00 2W10	00:01:00
CT-115	ILFORD	06:53:30	06:54:00 2W10	00:00:30
CT-115	SHENFLD	07:16:30	07:26:00 2W31	00:09:30
CT-115	PADTONX	08:16:30	08:17:30 5D15	00:01:00
CT-115	WSTBRNP	08:18:30	08:18:30 5D15	00:00:00
CT-115	OLDOXRB	08:23:00	08:23:00 5D15	00:00:00
CT-115	OLDOXRW	08:30:30	08:30:30 5D15	00:00:00
CT-115	OLDOXRD	08:33:30	09:49:00 5A30	01:15:30
CT-115	OLDOXRW	09:52:00	09:52:00 5A30	00:00:00
CT-115	OLDOXRB	09:56:30	09:56:30 5A30	00:00:00
CT-115	WSTBRNP	10:00:30	10:00:30 5A30	00:00:00
CT-115	PADTONX	10:01:30	10:02:00 2A30	00:00:30
CT-115	ABWD	10:32:00	10:44:00 2A39	00:12:00
CT-115	PADTONX	11:11:30	11:12:30 5A39	00:01:00
CT-115	WSTBRNP	11:14:30	11:21:30 5T36	00:07:00
CT-115	PADTONX	11:23:30	11:24:30 2T36	00:01:00
CT-115	ABWD	11:54:30	12:06:30 2T45	00:12:00
CT-115	PADTONX	12:34:00	12:35:00 5T45	00:01:00
CT-115	WSTBRNP	12:37:00	12:44:00 5A42	00:07:00
CT-115	PADTONX	12:46:00	12:47:00 2A52	00:01:00
CT-115	ABWD	13:17:00	13:29:00 2A61	00:12:00
CT-115	PADTONX	13:56:30	13:57:30 5A61	00:01:00
CT-115	WSTBRNP	13:59:30	14:06:30 5T58	00:07:00
CT-115	PADTONX	14:08:30	14:09:30 2T58	00:01:00
CT-115	ABWD	14:39:30	14:51:30 2T67	00:12:00
CT-115	PADTONX	15:19:00	15:20:00 5D67	00:01:00
CT-115	WSTBRNP	15:21:00	15:21:00 5D67	00:00:00
CT-115	OLDOXRB	15:25:30	15:25:30 5D67	00:00:00
CT-115	OLDOXRW	15:33:00	15:33:00 5D67	00:00:00
CT-115	OLDOXRD	15:36:00	16:20:00 5A82	00:44:00
CT-115	OLDOXRW	16:23:00	16:23:00 5A82	00:00:00
CT-115	OLDOXRB	16:27:30	16:27:30 5A82	00:00:00
CT-115	WSTBRNP	16:31:30	16:31:30 5A82	00:00:00
CT-115	PADTONX	16:32:30	16:33:30 2A82	00:01:00
CT-115	ABWD	17:02:00	17:14:00 2A91	00:12:00
CT-115	PADTONX	17:41:30	17:42:30 5A91	00:01:00
CT-115	WSTBRNP	17:44:30	17:51:30 5T92	00:07:00
CT-115	PADTONX	17:53:30	17:54:30 2T92	00:01:00
CT-115	ABWD	18:24:30	18:36:30 2T97	00:12:00
CT-115	PADTONX	19:04:00	19:05:00 5T97	00:01:00
CT-115	WSTBRNP	19:07:00	19:14:00 5A04	00:07:00
CT-115	PADTONX	19:16:00	19:17:00 2A04	00:01:00

CT-115	ABWD	19:47:00	19:59:00	2A13	00:12:00
CT-115	PADTONX	20:26:30	20:27:30	5A13	00:01:00
CT-115	WSTBRNP	20:29:30	20:36:30	5T16	00:07:00
CT-115	PADTONX	20:38:30	20:39:30	2T16	00:01:00
CT-115	ABWD	21:09:30	21:21:30	2T09	00:12:00
CT-115	PADTONX	21:49:00	21:50:00	5D09	00:01:00
CT-115	WSTBRNP	21:51:00	21:51:00	5D09	00:00:00
CT-115	OLDOXRB	21:55:30	21:55:30	5D09	00:00:00
CT-115	OLDOXRW	22:03:00	22:03:00	5D09	00:00:00
CT-115	OLDOXRD	22:06:00			

Diagram CT-116		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-116	ILFEMUD		05:29:30	5W07	
CT-116	SHENFLD	05:48:00	05:56:00	2W07	00:08:00
CT-116	PADTONX	06:46:30	06:47:30	5W07	00:01:00
CT-116	WSTBRNP	06:49:30	06:59:00	5A18	00:09:30
CT-116	PADTONX	07:01:00	07:02:00	2A18	00:01:00
CT-116	ABWD	07:30:00	07:44:00	2A31	00:14:00
CT-116	PADTONX	08:11:30	08:12:30	5A31	00:01:00
CT-116	WSTBRNP	08:14:30	08:24:00	5W42	00:09:30
CT-116	PADTONX	08:26:00	08:27:00	2W42	00:01:00
CT-116	ILFORD	08:53:30	08:54:00	2W42	00:00:30
CT-116	SHENFLD	09:16:30	09:24:30	2W41	00:08:00
CT-116	PADTONX	10:15:00	10:16:00	5W41	00:01:00
CT-116	WSTBRNP	10:18:00	10:25:30	5W44	00:07:30
CT-116	PADTONX	10:27:30	10:28:30	2W44	00:01:00
CT-116	ILFORD	10:55:00	10:55:30	2W44	00:00:30
CT-116	SHENFLD	11:20:00	11:32:00	2B39	00:12:00
CT-116	PADTONX	12:22:30	12:23:30	5B39	00:01:00
CT-116	WSTBRNP	12:25:30	12:33:00	5B40	00:07:30
CT-116	PADTONX	12:35:00	12:36:00	2B40	00:01:00
CT-116	ILFORD	13:02:30	13:03:00	2B40	00:00:30
CT-116	SHENFLD	13:27:30	13:39:30	2W75	00:12:00
CT-116	PADTONX	14:30:00	14:31:00	5D75	00:01:00
CT-116	WSTBRNP	14:32:00	14:32:00	5D75	00:00:00
CT-116	OLDOXRB	14:38:00	14:38:00	5D75	00:00:00
CT-116	OLDOXRW	14:45:30	14:45:30	5D75	00:00:00
CT-116	OLDOXRD	14:48:30	15:30:00	5W86	00:41:30
CT-116	OLDOXRW	15:33:00	15:33:00	5W86	00:00:00
CT-116	OLDOXRB	15:37:30	15:37:30	5W86	00:00:00
CT-116	WSTBRNP	15:41:30	15:41:30	5W86	00:00:00
CT-116	PADTONX	15:42:30	15:43:30	2W86	00:01:00
CT-116	ILFORD	16:10:00	16:10:30	2W86	00:00:30
CT-116	SHENFLD	16:35:00	16:47:00	2B83	00:12:00
CT-116	PADTONX	17:37:30	17:38:30	5B83	00:01:00



CT-116	WSTBRNP	17:40:30	17:49:00	5B82	00:08:30
CT-116	PADTONX	17:51:00	17:52:00	2B82	00:01:00
CT-116	ILFORD	18:18:30	18:19:00	2B82	00:00:30
CT-116	SHENFLD	18:42:30	18:54:30	2W47	00:12:00
CT-116	PADTONX	19:45:00	19:46:00	5W47	00:01:00
CT-116	WSTBRNP	19:48:00	19:55:30	5W50	00:07:30
CT-116	PADTONX	19:57:30	19:58:30	2W50	00:01:00
CT-116	ILFORD	20:25:00	20:25:30	2W50	00:00:30
CT-116	SHENFLD	20:48:00	21:02:00	2B17	00:14:00
CT-116	PADTONX	21:52:30	21:53:30	5B17	00:01:00
CT-116	WSTBRNP	21:55:30	22:03:00	5B16	00:07:30
CT-116	PADTONX	22:05:00	22:06:00	2B16	00:01:00
CT-116	ILFORD	22:32:30	22:33:00	2B16	00:00:30
CT-116	SHENFLD	22:55:30	23:06:00	2A41	00:10:30
CT-116	PADTONX	23:56:30	23:57:30	5A41	00:01:00
CT-116	WSTBRNP	23:59:30	00:09:00	5T34	00:09:30
CT-116	PADTONX	00:11:00	00:12:00	2T34	00:01:00
CT-116	ABWD	00:40:00	00:47:00	5T32	00:07:00
CT-116	PLUMSDG	00:56:00			

Diagram CT-117		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-117	OLDOXRD		05:28:30	5T02	
CT-117	OLDOXRW	05:31:30	05:31:30	5T02	00:00:00
CT-117	OLDOXRB	05:36:00	05:36:00	5T02	00:00:00
CT-117	WSTBRNP	05:40:00	05:40:00	5T02	00:00:00
CT-117	PADTONX	05:41:00	05:42:00	2T02	00:01:00
CT-117	ABWD	06:10:00	06:24:00	2B13	00:14:00
CT-117	PADTONX	06:51:30	06:52:30	5B13	00:01:00
CT-117	WSTBRNP	06:54:30	07:04:00	5B14	00:09:30
CT-117	PADTONX	07:06:00	07:07:00	2B14	00:01:00
CT-117	ILFORD	07:33:30	07:34:00	2B14	00:00:30
CT-117	SHENFLD	07:56:30	08:06:00	2A36	00:09:30
CT-117	PADTONX	08:56:30	08:57:30	5A36	00:01:00
CT-117	WSTBRNP	08:59:30	09:06:30	5T32	00:07:00
CT-117	PADTONX	09:08:30	09:09:30	2T32	00:01:00
CT-117	ABWD	09:39:30	09:51:30	2T27	00:12:00
CT-117	PADTONX	10:19:00	10:20:00	5D27	00:01:00
CT-117	WSTBRNP	10:21:00	10:21:00	5D27	00:00:00
CT-117	OLDOXRB	10:25:30	10:25:30	5D27	00:00:00
CT-117	OLDOXRW	10:33:00	10:33:00	5D27	00:00:00
CT-117	OLDOXRD	10:36:00	11:18:30	5A42	00:42:30
CT-117	OLDOXRW	11:21:30	11:21:30	5A42	00:00:00
CT-117	OLDOXRB	11:26:00	11:26:00	5A42	00:00:00
CT-117	WSTBRNP	11:30:00	11:30:00	5A42	00:00:00
CT-117	PADTONX	11:31:00	11:32:00	2A42	00:01:00

CT-117	ABWD	12:02:00	12:14:00	2A51	00:12:00
CT-117	PADTONX	12:41:30	12:42:30	5A51	00:01:00
CT-117	WSTBRNP	12:44:30	12:51:30	5T48	00:07:00
CT-117	PADTONX	12:53:30	12:54:30	2T48	00:01:00
CT-117	ABWD	13:24:30	13:36:30	2T57	00:12:00
CT-117	PADTONX	14:04:00	14:05:00	5T57	00:01:00
CT-117	WSTBRNP	14:07:00	14:14:00	5A64	00:07:00
CT-117	PADTONX	14:16:00	14:17:00	2A64	00:01:00
CT-117	ABWD	14:47:00	14:59:00	2A73	00:12:00
CT-117	PADTONX	15:26:30	15:27:30	5A73	00:01:00
CT-117	WSTBRNP	15:29:30	15:36:30	5T70	00:07:00
CT-117	PADTONX	15:38:30	15:39:30	2T70	00:01:00
CT-117	ABWD	16:09:30	16:21:30	2T79	00:12:00
CT-117	PADTONX	16:49:00	16:50:00	5D79	00:01:00
CT-117	WSTBRNP	16:51:00	16:51:00	5D79	00:00:00
CT-117	OLDOXRB	16:55:30	16:55:30	5D79	00:00:00
CT-117	OLDOXRW	17:03:00	17:03:00	5D79	00:00:00
CT-117	OLDOXRD	17:06:00	17:49:00	5A94	00:43:00
CT-117	OLDOXRW	17:52:00	17:52:00	5A94	00:00:00
CT-117	OLDOXRB	17:56:30	17:56:30	5A94	00:00:00
CT-117	WSTBRNP	18:00:30	18:00:30	5A94	00:00:00
CT-117	PADTONX	18:01:30	18:02:00	2A94	00:00:30
CT-117	ABWD	18:32:00	18:44:00	2A03	00:12:00
CT-117	PADTONX	19:11:30	19:12:30	5A03	00:01:00
CT-117	WSTBRNP	19:14:30	19:21:30	5T06	00:07:00
CT-117	PADTONX	19:23:30	19:24:30	2T06	00:01:00
CT-117	ABWD	19:54:30	20:06:30	2T51	00:12:00
CT-117	PADTONX	20:34:00	20:35:00	5T51	00:01:00
CT-117	WSTBRNP	20:37:00	20:44:00	5A16	00:07:00
CT-117	PADTONX	20:46:00	20:47:00	2A16	00:01:00
CT-117	ABWD	21:17:00	21:29:00	2A25	00:12:00
CT-117	PADTONX	21:56:30	21:57:30	5A25	00:01:00
CT-117	WSTBRNP	21:59:30	22:09:00	5T28	00:09:30
CT-117	PADTONX	22:11:00	22:12:00	2T28	00:01:00
CT-117	ABWD	22:40:00	22:54:00	2B29	00:14:00
CT-117	PADTONX	23:21:30	23:22:30	5B29	00:01:00
CT-117	WSTBRNP	23:24:30	23:32:00	5B28	00:07:30
CT-117	PADTONX	23:36:00	23:37:00	2B28	00:01:00
CT-117	ILFORD	00:03:30	00:04:00	2B28	00:00:30
CT-117	SHENFLD	00:26:30	00:33:30	5V28	00:07:00
CT-117	ILFEMUD	00:58:30			

## Diagram CT-118

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-118	PLUMSDG		05:37:30	5A11	
CT-118	ABWD	05:47:00	05:54:00	2B11	00:07:00

CT-118	PADTONX	06:21:30	06:22:30 5B11	00:01:00
CT-118	WSTBRNP	06:24:30	06:34:00 5B10	00:09:30
CT-118	PADTONX	06:36:00	06:37:00 2B10	00:01:00
CT-118	ILFORD	07:03:30	07:04:00 2B10	00:00:30
CT-118	SHENFLD	07:29:00	07:36:00 2A29	00:07:00
CT-118	PADTONX	08:26:30	08:27:30 5A29	00:01:00
CT-118	WSTBRNP	08:29:30	08:36:30 5T28	00:07:00
CT-118	PADTONX	08:38:30	08:39:30 2T28	00:01:00
CT-118	ABWD	09:09:30	09:21:30 2T37	00:12:00
CT-118	PADTONX	09:49:00	09:50:00 5D37	00:01:00
CT-118	WSTBRNP	09:51:00	09:51:00 5D37	00:00:00
CT-118	OLDOXRB	09:55:30	09:55:30 5D37	00:00:00
CT-118	OLDOXRW	10:03:00	10:03:00 5D37	00:00:00
CT-118	OLDOXRD	10:06:00	10:49:00 5A38	00:43:00
CT-118	OLDOXRW	10:52:00	10:52:00 5A38	00:00:00
CT-118	OLDOXRB	10:56:30	10:56:30 5A38	00:00:00
CT-118	WSTBRNP	11:00:30	11:00:30 5A38	00:00:00
CT-118	PADTONX	11:01:30	11:02:00 2A38	00:00:30
CT-118	ABWD	11:32:00	11:44:00 2A47	00:12:00
CT-118	PADTONX	12:11:30	12:12:30 5A47	00:01:00
CT-118	WSTBRNP	12:14:30	12:21:30 5T44	00:07:00
CT-118	PADTONX	12:23:30	12:24:30 2T44	00:01:00
CT-118	ABWD	12:54:30	13:06:30 2T53	00:12:00
CT-118	PADTONX	13:34:00	13:35:00 5T53	00:01:00
CT-118	WSTBRNP	13:37:00	13:44:00 5A60	00:07:00
CT-118	PADTONX	13:46:00	13:47:00 2A60	00:01:00
CT-118	ABWD	14:17:00	14:29:00 2A69	00:12:00
CT-118	PADTONX	14:56:30	14:57:30 5A69	00:01:00
CT-118	WSTBRNP	14:59:30	15:06:30 5T66	00:07:00
CT-118	PADTONX	15:08:30	15:09:30 2T66	00:01:00
CT-118	ABWD	15:39:30	15:51:30 2T75	00:12:00
CT-118	PADTONX	16:19:00	16:20:00 5D75	00:01:00
CT-118	WSTBRNP	16:21:00	16:21:00 5D75	00:00:00
CT-118	OLDOXRB	16:25:30	16:25:30 5D75	00:00:00
CT-118	OLDOXRW	16:33:00	16:33:00 5D75	00:00:00
CT-118	OLDOXRD	16:36:00	17:19:00 5A90	00:43:00
CT-118	OLDOXRW	17:22:00	17:22:00 5A90	00:00:00
CT-118	OLDOXRB	17:26:30	17:26:30 5A90	00:00:00
CT-118	WSTBRNP	17:30:30	17:30:30 5A90	00:00:00
CT-118	PADTONX	17:31:30	17:32:00 2A90	00:00:30
CT-118	ABWD	18:02:00	18:14:00 2A99	00:12:00
CT-118	PADTONX	18:41:30	18:42:30 5A99	00:01:00
CT-118	WSTBRNP	18:44:30	18:51:30 5T02	00:07:00
CT-118	PADTONX	18:53:30	18:54:30 2T02	00:01:00
CT-118	ABWD	19:24:30	19:36:30 2T05	00:12:00
CT-118	PADTONX	20:04:00	20:05:00 5T05	00:01:00

CT-118	WSTBRNP	20:07:00	20:14:00	5A12	00:07:00
CT-118	PADTONX	20:16:00	20:17:00	2A12	00:01:00
CT-118	ABWD	20:47:00	20:59:00	2A21	00:12:00
CT-118	PADTONX	21:26:30	21:27:30	5A21	00:01:00
CT-118	WSTBRNP	21:29:30	21:36:30	5T24	00:07:00
CT-118	PADTONX	21:38:30	21:39:30	2T24	00:01:00
CT-118	ABWD	22:07:30	22:18:00	5T24	00:10:30
CT-118	PLUMSDG	22:27:00			

Diagram CT-119		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-119	OLDOXRD		05:33:30	5A08	
CT-119	OLDOXRW	05:36:30	05:36:30	5A08	00:00:00
CT-119	OLDOXRB	05:41:00	05:41:00	5A08	00:00:00
CT-119	WSTBRNP	05:45:00	05:45:00	5A08	00:00:00
CT-119	PADTONX	05:46:00	05:47:00	2A08	00:01:00
CT-119	ILFORD	06:13:30	06:14:00	2A08	00:00:30
CT-119	SHENFLD	06:36:30	06:46:00	2B19	00:09:30
CT-119	PADTONX	07:36:30	07:37:30	5D19	00:01:00
CT-119	WSTBRNP	07:38:30	07:38:30	5D19	00:00:00
CT-119	OLDOXRB	07:43:00	07:43:00	5D19	00:00:00
CT-119	OLDOXRW	07:50:30	07:50:30	5D19	00:00:00
CT-119	OLDOXRD	07:53:30	09:20:00	5A38	01:26:30
CT-119	OLDOXRW	09:23:00	09:23:00	5A38	00:00:00
CT-119	OLDOXRB	09:27:30	09:27:30	5A38	00:00:00
CT-119	WSTBRNP	09:31:30	09:31:30	5A38	00:00:00
CT-119	PADTONX	09:32:30	09:33:30	2A38	00:01:00
CT-119	ABWD	10:02:00	10:14:00	2A35	00:12:00
CT-119	PADTONX	10:41:30	10:42:30	5A35	00:01:00
CT-119	WSTBRNP	10:44:30	10:51:30	5T32	00:07:00
CT-119	PADTONX	10:53:30	10:54:30	2T32	00:01:00
CT-119	ABWD	11:24:30	11:36:30	2T41	00:12:00
CT-119	PADTONX	12:04:00	12:05:00	5T41	00:01:00
CT-119	WSTBRNP	12:07:00	12:14:00	5A48	00:07:00
CT-119	PADTONX	12:16:00	12:17:00	2A48	00:01:00
CT-119	ABWD	12:47:00	12:59:00	2A57	00:12:00
CT-119	PADTONX	13:26:30	13:27:30	5A57	00:01:00
CT-119	WSTBRNP	13:29:30	13:36:30	5T54	00:07:00
CT-119	PADTONX	13:38:30	13:39:30	2T54	00:01:00
CT-119	ABWD	14:09:30	14:21:30	2T63	00:12:00
CT-119	PADTONX	14:49:00	14:50:00	5D63	00:01:00
CT-119	WSTBRNP	14:51:00	14:51:00	5D63	00:00:00
CT-119	OLDOXRB	14:55:30	14:55:30	5D63	00:00:00
CT-119	OLDOXRW	15:03:00	15:03:00	5D63	00:00:00
CT-119	OLDOXRD	15:06:00	15:49:00	5A78	00:43:00
CT-119	OLDOXRW	15:52:00	15:52:00	5A78	00:00:00



CT-119	OLDOXRB	15:56:30	15:56:30 5A78	00:00:00
CT-119	WSTBRNP	16:00:30	16:00:30 5A78	00:00:00
CT-119	PADTONX	16:01:30	16:02:00 2A78	00:00:30
CT-119	ABWD	16:32:00	16:44:00 2A87	00:12:00
CT-119	PADTONX	17:11:30	17:12:30 5A87	00:01:00
CT-119	WSTBRNP	17:14:30	17:21:30 5T88	00:07:00
CT-119	PADTONX	17:23:30	17:24:30 2T88	00:01:00
CT-119	ABWD	17:54:30	18:06:30 2T93	00:12:00
CT-119	PADTONX	18:34:00	18:35:00 5T93	00:01:00
CT-119	WSTBRNP	18:37:00	18:44:00 5A00	00:07:00
CT-119	PADTONX	18:46:00	18:48:30 2A00	00:02:30
CT-119	ABWD	19:17:00	19:29:00 2A09	00:12:00
CT-119	PADTONX	19:56:30	19:57:30 5A09	00:01:00
CT-119	WSTBRNP	19:59:30	20:06:30 5T12	00:07:00
CT-119	PADTONX	20:08:30	20:09:30 2T12	00:01:00
CT-119	ABWD	20:39:30	20:51:30 2T59	00:12:00
CT-119	PADTONX	21:19:00	21:20:00 5D59	00:01:00
CT-119	WSTBRNP	21:21:00	21:21:00 5D59	00:00:00
CT-119	OLDOXRB	21:25:30	21:25:30 5D59	00:00:00
CT-119	OLDOXRW	21:33:00	21:33:00 5D59	00:00:00
CT-119	OLDOXRD	21:36:00		

Diagram CT-120			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-120	ILFEMUD		05:40:30	5A17	
CT-120	SHENFLD	05:59:00	06:06:00	2A17	00:07:00
CT-120	PADTONX	06:56:30	06:57:30	5A17	00:01:00
CT-120	WSTBRNP	06:59:30	07:07:00	5T14	00:07:30
CT-120	PADTONX	07:11:00	07:12:00	2T14	00:01:00
CT-120	ABWD	07:40:00	07:54:00	2B29	00:14:00
CT-120	PADTONX	08:21:30	08:22:30	5B29	00:01:00
CT-120	WSTBRNP	08:24:30	08:34:00	5B26	00:09:30
CT-120	PADTONX	08:36:00	08:37:00	2B26	00:01:00
CT-120	ILFORD	09:03:30	09:04:00	2B26	00:00:30
CT-120	SHENFLD	09:27:30	09:39:30	2W43	00:12:00
CT-120	PADTONX	10:30:00	10:31:00	5D43	00:01:00
CT-120	WSTBRNP	10:32:00	10:32:00	5D43	00:00:00
CT-120	OLDOXRB	10:36:30	10:36:30	5D43	00:00:00
CT-120	OLDOXRW	10:44:00	10:44:00	5D43	00:00:00
CT-120	OLDOXRD	10:47:00	11:30:00	5W54	00:43:00
CT-120	OLDOXRW	11:33:00	11:33:00	5W54	00:00:00
CT-120	OLDOXRB	11:37:30	11:37:30	5W54	00:00:00
CT-120	WSTBRNP	11:41:30	11:41:30	5W54	00:00:00
CT-120	PADTONX	11:42:30	11:43:30	2W54	00:01:00
CT-120	ILFORD	12:10:00	12:10:30	2W54	00:00:30
CT-120	SHENFLD	12:35:00	12:47:00	2B49	00:12:00

CT-120	PADTONX	13:37:30	13:38:30	5B49	00:01:00
CT-120	WSTBRNP	13:40:30	13:48:00	5B50	00:07:30
CT-120	PADTONX	13:50:00	13:51:00	2B50	00:01:00
CT-120	ILFORD	14:17:30	14:18:00	2B50	00:00:30
CT-120	SHENFLD	14:42:30	14:54:30	2W85	00:12:00
CT-120	PADTONX	15:45:00	15:46:00	5W85	00:01:00
CT-120	WSTBRNP	15:48:00	15:55:30	5W88	00:07:30
CT-120	PADTONX	15:57:30	15:58:30	2W88	00:01:00
CT-120	ILFORD	16:25:00	16:25:30	2W88	00:00:30
CT-120	SHENFLD	16:50:00	17:02:00	2B85	00:12:00
CT-120	PADTONX	17:52:30	17:53:30	5B85	00:01:00
CT-120	WSTBRNP	17:55:30	18:03:00	5B84	00:07:30
CT-120	PADTONX	18:05:00	18:06:00	2B84	00:01:00
CT-120	ILFORD	18:32:30	18:33:00	2B84	00:00:30
CT-120	SHENFLD	18:57:30	19:09:30	2W49	00:12:00
CT-120	PADTONX	20:00:00	20:01:00	5D49	00:01:00
CT-120	WSTBRNP	20:02:00	20:02:00	5D49	00:00:00
CT-120	OLDOXRB	20:07:00	20:07:00	5D49	00:00:00
CT-120	OLDOXRW	20:14:30	20:14:30	5D49	00:00:00
CT-120	OLDOXRD	20:17:30	20:59:00	5W60	00:41:30
CT-120	OLDOXRW	21:02:00	21:02:00	5W60	00:00:00
CT-120	OLDOXRB	21:06:30	21:06:30	5W60	00:00:00
CT-120	WSTBRNP	21:10:30	21:10:30	5W60	00:00:00
CT-120	PADTONX	21:11:30	21:13:30	2W60	00:02:00
CT-120	ILFORD	21:40:00	21:40:30	2W60	00:00:30
CT-120	SHENFLD	22:03:00	22:16:00	2B27	00:13:00
CT-120	PADTONX	23:06:30	23:07:30	5B27	00:01:00
CT-120	WSTBRNP	23:09:30	23:17:00	5B26	00:07:30
CT-120	PADTONX	23:21:00	23:22:00	2B26	00:01:00
CT-120	ABWD	23:50:00	00:04:00	2T21	00:14:00
CT-120	PADTONX	00:31:30	00:32:30	5D21	00:01:00
CT-120	WSTBRNP	00:33:30	00:33:30	5D21	00:00:00
CT-120	OLDOXRB	00:38:00	00:38:00	5D21	00:00:00
CT-120	OLDOXRW	00:45:30	00:45:30	5D21	00:00:00
CT-120	OLDOXRD	00:48:30			

Diagram CT-121			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-121	OLDOXRD		05:38:30	5B04	
CT-121	OLDOXRW	05:41:30	05:41:30	5B04	00:00:00
CT-121	OLDOXRB	05:46:00	05:46:00	5B04	00:00:00
CT-121	WSTBRNP	05:50:00	05:50:00	5B04	00:00:00
CT-121	PADTONX	05:51:00	05:52:00	2B04	00:01:00
CT-121	ABWD	06:20:00	06:34:00	2T07	00:14:00
CT-121	PADTONX	07:01:30	07:02:30	5T07	00:01:00
CT-121	WSTBRNP	07:04:30	07:14:00	5A20	00:09:30

CT-121	PADTONX	07:16:00	07:17:00 2A20	00:01:00
CT-121	ILFORD	07:43:30	07:44:00 2A20	00:00:30
CT-121	SHENFLD	08:09:00	08:16:00 2B25	00:07:00
CT-121	PADTONX	09:06:30	09:07:30 5B25	00:01:00
CT-121	WSTBRNP	09:09:30	09:18:00 5B32	00:08:30
CT-121	PADTONX	09:20:00	09:21:00 2B32	00:01:00
CT-121	ILFORD	09:47:30	09:48:00 2B32	00:00:30
CT-121	SHENFLD	10:12:30	10:24:30 2W49	00:12:00
CT-121	PADTONX	11:15:00	11:16:00 5W49	00:01:00
CT-121	WSTBRNP	11:18:00	11:25:30 5W52	00:07:30
CT-121	PADTONX	11:27:30	11:28:30 2W52	00:01:00
CT-121	ILFORD	11:55:00	11:55:30 2W52	00:00:30
CT-121	SHENFLD	12:20:00	12:32:00 2B47	00:12:00
CT-121	PADTONX	13:22:30	13:23:30 5B47	00:01:00
CT-121	WSTBRNP	13:25:30	13:33:00 5B48	00:07:30
CT-121	PADTONX	13:35:00	13:36:00 2B48	00:01:00
CT-121	ILFORD	14:02:30	14:03:00 2B48	00:00:30
CT-121	SHENFLD	14:27:30	14:39:30 2W83	00:12:00
CT-121	PADTONX	15:30:00	15:31:00 5D83	00:01:00
CT-121	WSTBRNP	15:32:00	15:32:00 5D83	00:00:00
CT-121	OLDOXRB	15:37:00	15:37:00 5D83	00:00:00
CT-121	OLDOXRW	15:44:30	15:44:30 5D83	00:00:00
CT-121	OLDOXRD	15:47:30	16:30:00 5W98	00:42:30
CT-121	OLDOXRW	16:33:00	16:33:00 5W98	00:00:00
CT-121	OLDOXRB	16:37:30	16:37:30 5W98	00:00:00
CT-121	WSTBRNP	16:41:30	16:41:30 5W98	00:00:00
CT-121	PADTONX	16:42:30	16:43:30 2W98	00:01:00
CT-121	ILFORD	17:10:00	17:10:30 2W98	00:00:30
CT-121	SHENFLD	17:33:00	17:47:00 2B91	00:14:00
CT-121	PADTONX	18:37:30	18:38:30 5B91	00:01:00
CT-121	WSTBRNP	18:40:30	18:48:30 5B90	00:08:00
CT-121	PADTONX	18:50:30	18:51:30 2B90	00:01:00
CT-121	ILFORD	19:18:00	19:18:30 2B90	00:00:30
CT-121	SHENFLD	19:42:30	19:54:30 2W55	00:12:00
CT-121	PADTONX	20:45:00	20:46:00 5W55	00:01:00
CT-121	WSTBRNP	20:48:00	20:55:30 5W58	00:07:30
CT-121	PADTONX	20:57:30	20:58:30 2W58	00:01:00
CT-121	ILFORD	21:25:00	21:25:30 2W58	00:00:30
CT-121	SHENFLD	21:49:00	21:56:00 2W65	00:07:00
CT-121	PADTONX	22:46:30	22:47:30 5W65	00:01:00
CT-121	WSTBRNP	22:49:30	22:59:00 5A34	00:09:30
CT-121	PADTONX	23:01:00	23:02:00 2A34	00:01:00
CT-121	ABWD	23:30:00	23:44:00 2A43	00:14:00
CT-121	PADTONX	00:11:30	00:12:30 5A43	00:01:00
CT-121	WSTBRNP	00:14:30	00:24:00 5W76	00:09:30
CT-121	PADTONX	00:26:00	00:27:00 2W76	00:01:00

CT-121	ILFORD	00:53:30	00:54:00 2W76	00:00:30
CT-121	SHENFLD	01:16:30	01:23:30 5W72	00:07:00
CT-121	GIDEPKS	01:33:00		

Diagram CT-122		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-122	SHENFDS		05:43:00	5B15	
CT-122	SHENFLD	05:45:00	05:46:00	2B15	00:01:00
CT-122	PADTONX	06:36:30	06:37:30	5B15	00:01:00
CT-122	WSTBRNP	06:39:30	06:49:00	5B12	00:09:30
CT-122	PADTONX	06:51:00	06:52:00	2B12	00:01:00
CT-122	ABWD	07:20:00	07:34:00	2T11	00:14:00
CT-122	PADTONX	08:01:30	08:02:30	5T11	00:01:00
CT-122	WSTBRNP	08:04:30	08:14:00	5A28	00:09:30
CT-122	PADTONX	08:16:00	08:17:00	2A28	00:01:00
CT-122	ILFORD	08:43:30	08:44:00	2A28	00:00:30
CT-122	SHENFLD	09:06:30	09:17:00	2B21	00:10:30
CT-122	PADTONX	10:07:30	10:08:30	5B21	00:01:00
CT-122	WSTBRNP	10:10:30	10:18:00	5B22	00:07:30
CT-122	PADTONX	10:20:00	10:21:00	2B22	00:01:00
CT-122	ILFORD	10:47:30	10:48:00	2B22	00:00:30
CT-122	SHENFLD	11:12:30	11:24:30	2W57	00:12:00
CT-122	PADTONX	12:15:00	12:16:00	5W57	00:01:00
CT-122	WSTBRNP	12:18:00	12:25:30	5W60	00:07:30
CT-122	PADTONX	12:27:30	12:28:30	2W60	00:01:00
CT-122	ILFORD	12:55:00	12:55:30	2W60	00:00:30
CT-122	SHENFLD	13:20:00	13:32:00	2B55	00:12:00
CT-122	PADTONX	14:22:30	14:23:30	5B55	00:01:00
CT-122	WSTBRNP	14:25:30	14:33:00	5B56	00:07:30
CT-122	PADTONX	14:35:00	14:36:00	2B56	00:01:00
CT-122	ILFORD	15:02:30	15:03:00	2B56	00:00:30
CT-122	SHENFLD	15:27:30	15:39:30	2W93	00:12:00
CT-122	PADTONX	16:30:00	16:31:00	5D93	00:01:00
CT-122	WSTBRNP	16:32:00	16:32:00	5D93	00:00:00
CT-122	OLDOXRB	16:36:30	16:36:30	5D93	00:00:00
CT-122	OLDOXRW	16:44:00	16:44:00	5D93	00:00:00
CT-122	OLDOXRD	16:47:00	17:30:00	5W22	00:43:00
CT-122	OLDOXRW	17:33:00	17:33:00	5W22	00:00:00
CT-122	OLDOXRB	17:37:30	17:37:30	5W22	00:00:00
CT-122	WSTBRNP	17:41:30	17:41:30	5W22	00:00:00
CT-122	PADTONX	17:42:30	17:43:30	2W22	00:01:00
CT-122	ILFORD	18:10:00	18:10:30	2W22	00:00:30
CT-122	SHENFLD	18:35:00	18:47:00	2B99	00:12:00
CT-122	PADTONX	19:37:30	19:38:30	5B99	00:01:00
CT-122	WSTBRNP	19:40:30	19:48:00	5B98	00:07:30
CT-122	PADTONX	19:50:00	19:51:00	2B98	00:01:00



CT-122	ILFORD	20:17:30	20:18:00	2B98	00:00:30
CT-122	SHENFLD	20:42:30	20:54:30	2P02	00:12:00
CT-122	PADTONX	21:45:00	21:46:00	5P02	00:01:00
CT-122	WSTBRNP	21:48:00	21:55:30	5W66	00:07:30
CT-122	PADTONX	21:57:30	21:58:30	2W66	00:01:00
CT-122	ILFORD	22:25:00	22:25:30	2W66	00:00:30
CT-122	SHENFLD	22:49:00	22:56:00	2W69	00:07:00
CT-122	PADTONX	23:46:30	23:47:30	5W69	00:01:00
CT-122	WSTBRNP	23:49:30	23:57:00	5A42	00:07:30
CT-122	PADTONX	23:59:00	00:02:00	2A42	00:03:00
CT-122	ABWD	00:30:00	00:37:00	5A42	00:07:00
CT-122	PLUMSDG	00:46:00			

Diagram CT-123		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-123	PLUMSDG		05:47:30	5T05	
CT-123	ABWD	05:57:00	06:04:00	2T05	00:07:00
CT-123	PADTONX	06:31:30	06:32:30	5T05	00:01:00
CT-123	WSTBRNP	06:34:30	06:42:00	5A16	00:07:30
CT-123	PADTONX	06:44:00	06:47:00	2A16	00:03:00
CT-123	ILFORD	07:13:30	07:14:00	2A16	00:00:30
CT-123	SHENFLD	07:36:30	07:46:00	2B23	00:09:30
CT-123	PADTONX	08:36:30	08:37:30	5B23	00:01:00
CT-123	WSTBRNP	08:39:30	08:49:00	5B28	00:09:30
CT-123	PADTONX	08:51:00	08:52:00	2B28	00:01:00
CT-123	ILFORD	09:18:30	09:19:00	2B28	00:00:30
CT-123	SHENFLD	09:42:30	09:54:30	2W45	00:12:00
CT-123	PADTONX	10:45:00	10:46:00	5W45	00:01:00
CT-123	WSTBRNP	10:48:00	10:55:30	5W48	00:07:30
CT-123	PADTONX	10:57:30	10:58:30	2W48	00:01:00
CT-123	ILFORD	11:25:00	11:25:30	2W48	00:00:30
CT-123	SHENFLD	11:50:00	12:02:00	2B43	00:12:00
CT-123	PADTONX	12:52:30	12:53:30	5B43	00:01:00
CT-123	WSTBRNP	12:55:30	13:03:00	5B44	00:07:30
CT-123	PADTONX	13:05:00	13:06:00	2B44	00:01:00
CT-123	ILFORD	13:32:30	13:33:00	2B44	00:00:30
CT-123	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
CT-123	PADTONX	15:00:00	15:01:00	5D79	00:01:00
CT-123	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
CT-123	OLDOXRB	15:07:30	15:07:30	5D79	00:00:00
CT-123	OLDOXRW	15:15:00	15:15:00	5D79	00:00:00
CT-123	OLDOXRD	15:18:00	15:59:00	5W92	00:41:00
CT-123	OLDOXRW	16:02:00	16:02:00	5W92	00:00:00
CT-123	OLDOXRB	16:06:30	16:06:30	5W92	00:00:00
CT-123	WSTBRNP	16:10:30	16:10:30	5W92	00:00:00
CT-123	PADTONX	16:11:30	16:13:30	2W92	00:02:00

CT-123	ILFORD	16:40:00	16:40:30	2W92	00:00:30
CT-123	SHENFLD	17:05:30	17:17:00	2B87	00:11:30
CT-123	PADTONX	18:07:30	18:08:30	5B87	00:01:00
CT-123	WSTBRNP	18:10:30	18:18:00	5B86	00:07:30
CT-123	PADTONX	18:20:00	18:21:30	2B86	00:01:30
CT-123	ILFORD	18:48:00	18:48:30	2B86	00:00:30
CT-123	SHENFLD	19:12:30	19:24:30	2W51	00:12:00
CT-123	PADTONX	20:15:00	20:16:00	5W51	00:01:00
CT-123	WSTBRNP	20:18:00	20:25:30	5W54	00:07:30
CT-123	PADTONX	20:27:30	20:28:30	2W54	00:01:00
CT-123	ILFORD	20:55:00	20:55:30	2W54	00:00:30
CT-123	SHENFLD	21:20:00	21:21:00	5B02	00:01:00
CT-123	SHENFDS	21:23:00	21:30:00	5B02	00:07:00
CT-123	ILFEMUD	22:01:00			

Diagram CT-124		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-124	OLDOXRD		05:43:30	5W06	
CT-124	OLDOXRW	05:46:30	05:46:30	5W06	00:00:00
CT-124	OLDOXRB	05:51:00	05:51:00	5W06	00:00:00
CT-124	WSTBRNP	05:55:00	05:55:00	5W06	00:00:00
CT-124	PADTONX	05:56:00	05:57:00	2W06	00:01:00
CT-124	ILFORD	06:23:30	06:24:00	2W06	00:00:30
CT-124	SHENFLD	06:49:00	06:56:00	2W17	00:07:00
CT-124	PADTONX	07:46:30	07:47:30	5W17	00:01:00
CT-124	WSTBRNP	07:49:30	07:59:00	5A26	00:09:30
CT-124	PADTONX	08:01:00	08:02:00	2A26	00:01:00
CT-124	ABWD	08:30:00	08:44:00	2A39	00:14:00
CT-124	PADTONX	09:11:30	09:12:30	5A39	00:01:00
CT-124	WSTBRNP	09:14:30	09:21:30	5T36	00:07:00
CT-124	PADTONX	09:23:30	09:24:30	2T36	00:01:00
CT-124	ABWD	09:54:30	10:06:30	2T29	00:12:00
CT-124	PADTONX	10:34:00	10:35:00	5T29	00:01:00
CT-124	WSTBRNP	10:37:00	10:44:00	5A36	00:07:00
CT-124	PADTONX	10:46:00	10:47:00	2A36	00:01:00
CT-124	ABWD	11:17:00	11:29:00	2A45	00:12:00
CT-124	PADTONX	11:56:30	11:57:30	5A45	00:01:00
CT-124	WSTBRNP	11:59:30	12:06:30	5T42	00:07:00
CT-124	PADTONX	12:08:30	12:09:30	2T42	00:01:00
CT-124	ABWD	12:39:30	12:51:30	2T51	00:12:00
CT-124	PADTONX	13:19:00	13:20:00	5D51	00:01:00
CT-124	WSTBRNP	13:21:00	13:21:00	5D51	00:00:00
CT-124	OLDOXRB	13:25:30	13:25:30	5D51	00:00:00
CT-124	OLDOXRW	13:33:00	13:33:00	5D51	00:00:00
CT-124	OLDOXRD	13:36:00	14:18:30	5A66	00:42:30
CT-124	OLDOXRW	14:21:30	14:21:30	5A66	00:00:00

CT-124	OLDOXRB	14:26:00	14:26:00	5A66	00:00:00
CT-124	WSTBRNP	14:30:00	14:30:00	5A66	00:00:00
CT-124	PADTONX	14:31:00	14:32:00	2A66	00:01:00
CT-124	ABWD	15:02:00	15:14:00	2A75	00:12:00
CT-124	PADTONX	15:41:30	15:42:30	5A75	00:01:00
CT-124	WSTBRNP	15:44:30	15:51:30	5T72	00:07:00
CT-124	PADTONX	15:53:30	15:54:30	2T72	00:01:00
CT-124	ABWD	16:24:30	16:36:30	2T81	00:12:00
CT-124	PADTONX	17:04:00	17:05:00	5T81	00:01:00
CT-124	WSTBRNP	17:07:00	17:14:00	5A88	00:07:00
CT-124	PADTONX	17:16:00	17:17:00	2A88	00:01:00
CT-124	ABWD	17:47:00	17:59:00	2A97	00:12:00
CT-124	PADTONX	18:26:30	18:27:30	5A97	00:01:00
CT-124	WSTBRNP	18:29:30	18:36:30	5T00	00:07:00
CT-124	PADTONX	18:38:30	18:39:30	2T00	00:01:00
CT-124	ABWD	19:09:30	19:21:30	2T03	00:12:00
CT-124	PADTONX	19:49:00	19:50:00	5D03	00:01:00
CT-124	WSTBRNP	19:51:00	19:51:00	5D03	00:00:00
CT-124	OLDOXRB	19:55:30	19:55:30	5D03	00:00:00
CT-124	OLDOXRW	20:03:00	20:03:00	5D03	00:00:00
CT-124	OLDOXRD	20:06:00	20:49:00	5A18	00:43:00
CT-124	OLDOXRW	20:52:00	20:52:00	5A18	00:00:00
CT-124	OLDOXRB	20:56:30	20:56:30	5A18	00:00:00
CT-124	WSTBRNP	21:00:30	21:00:30	5A18	00:00:00
CT-124	PADTONX	21:01:30	21:02:00	2A18	00:00:30
CT-124	ABWD	21:32:00	21:44:00	2A27	00:12:00
CT-124	PADTONX	22:11:30	22:12:30	5A27	00:01:00
CT-124	WSTBRNP	22:14:30	22:24:00	5W68	00:09:30
CT-124	PADTONX	22:26:00	22:27:00	2W68	00:01:00
CT-124	ILFORD	22:53:30	22:54:00	2W68	00:00:30
CT-124	SHENFLD	23:16:30	23:26:00	2W71	00:09:30
CT-124	PADTONX	00:16:30	00:17:30	5D71	00:01:00
CT-124	WSTBRNP	00:18:30	00:18:30	5D71	00:00:00
CT-124	OLDOXRB	00:23:00	00:23:00	5D71	00:00:00
CT-124	OLDOXRW	00:30:30	00:30:30	5D71	00:00:00
CT-124	OLDOXRD	00:33:30			

## Diagram CT-125

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-125	OLDOXRD		05:48:30	5A10	
CT-125	OLDOXRW	05:51:30	05:51:30	5A10	00:00:00
CT-125	OLDOXRB	05:56:00	05:56:00	5A10	00:00:00
CT-125	WSTBRNP	06:00:00	06:00:00	5A10	00:00:00
CT-125	PADTONX	06:01:00	06:02:00	2A10	00:01:00
CT-125	ABWD	06:30:00	06:44:00	2A23	00:14:00
CT-125	PADTONX	07:11:30	07:12:30	5A23	00:01:00

CT-125	WSTBRNP	07:14:30	07:22:00 5W20	00:07:30
CT-125	PADTONX	07:26:00	07:27:00 2W20	00:01:00
CT-125	ILFORD	07:53:30	07:54:00 2W20	00:00:30
CT-125	SHENFLD	08:16:30	08:24:30 2W53	00:08:00
CT-125	PADTONX	09:15:00	09:16:00 5W53	00:01:00
CT-125	WSTBRNP	09:18:00	09:25:30 5W62	00:07:30
CT-125	PADTONX	09:27:30	09:28:30 2W62	00:01:00
CT-125	ILFORD	09:55:00	09:55:30 2W62	00:00:30
CT-125	SHENFLD	10:20:00	10:32:00 2B31	00:12:00
CT-125	PADTONX	11:22:30	11:23:30 5B31	00:01:00
CT-125	WSTBRNP	11:25:30	11:33:00 5B32	00:07:30
CT-125	PADTONX	11:35:00	11:36:00 2B32	00:01:00
CT-125	ILFORD	12:02:30	12:03:00 2B32	00:00:30
CT-125	SHENFLD	12:27:30	12:39:30 2W67	00:12:00
CT-125	PADTONX	13:30:00	13:31:00 5D67	00:01:00
CT-125	WSTBRNP	13:32:00	13:32:00 5D67	00:00:00
CT-125	OLDOXRB	13:37:00	13:37:00 5D67	00:00:00
CT-125	OLDOXRW	13:44:30	13:44:30 5D67	00:00:00
CT-125	OLDOXRD	13:47:30	14:30:00 5W78	00:42:30
CT-125	OLDOXRW	14:33:00	14:33:00 5W78	00:00:00
CT-125	OLDOXRB	14:37:30	14:37:30 5W78	00:00:00
CT-125	WSTBRNP	14:41:30	14:41:30 5W78	00:00:00
CT-125	PADTONX	14:42:30	14:43:30 2W78	00:01:00
CT-125	ILFORD	15:10:00	15:10:30 2W78	00:00:30
CT-125	SHENFLD	15:35:00	15:47:00 2B75	00:12:00
CT-125	PADTONX	16:37:30	16:38:30 5B75	00:01:00
CT-125	WSTBRNP	16:40:30	16:48:00 5B74	00:07:30
CT-125	PADTONX	16:50:00	16:51:30 2B74	00:01:30
CT-125	ILFORD	17:18:00	17:18:30 2B74	00:00:30
CT-125	SHENFLD	17:42:30	17:54:30 2W37	00:12:00
CT-125	PADTONX	18:45:00	18:46:00 5W37	00:01:00
CT-125	WSTBRNP	18:48:00	18:55:30 5W44	00:07:30
CT-125	PADTONX	18:57:30	18:58:30 2W42	00:01:00
CT-125	ILFORD	19:25:00	19:25:30 2W42	00:00:30
CT-125	SHENFLD	19:48:00	20:02:00 2B09	00:14:00
CT-125	PADTONX	20:52:30	20:53:30 5B09	00:01:00
CT-125	WSTBRNP	20:55:30	21:03:00 5B08	00:07:30
CT-125	PADTONX	21:05:00	21:06:00 2B08	00:01:00
CT-125	ILFORD	21:32:30	21:33:00 2B08	00:00:30
CT-125	SHENFLD	21:55:30	22:06:00 2A33	00:10:30
CT-125	PADTONX	22:56:30	22:57:30 5A33	00:01:00
CT-125	WSTBRNP	22:59:30	23:09:00 5T32	00:09:30
CT-125	PADTONX	23:11:00	23:12:00 2T32	00:01:00
CT-125	ABWD	23:40:00	23:54:00 2B37	00:14:00
CT-125	PADTONX	00:21:30	00:22:30 5D37	00:01:00
CT-125	WSTBRNP	00:23:30	00:23:30 5D37	00:00:00



CT-125	OLDOXRB	00:28:00	00:28:00	5D37	00:00:00
CT-125	OLDOXRW	00:35:30	00:35:30	5D37	00:00:00
CT-125	OLDOXRD	00:38:30			

Diagram CT-126		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-126	PLUMSDG		05:57:30	5A19	
CT-126	ABWD	06:07:00	06:14:00	2A19	00:07:00
CT-126	PADTONX	06:41:30	06:42:30	5A19	00:01:00
CT-126	WSTBRNP	06:44:30	06:54:00	5W14	00:09:30
CT-126	PADTONX	06:56:00	06:57:00	2W14	00:01:00
CT-126	ILFORD	07:23:30	07:24:00	2W14	00:00:30
CT-126	SHENFLD	07:49:00	07:56:00	2W43	00:07:00
CT-126	PADTONX	08:46:30	08:47:30	5W43	00:01:00
CT-126	WSTBRNP	08:49:30	08:59:00	5A34	00:09:30
CT-126	PADTONX	09:01:00	09:02:00	2A34	00:01:00
CT-126	ABWD	09:32:00	09:44:00	2A31	00:12:00
CT-126	PADTONX	10:11:30	10:12:30	5A31	00:01:00
CT-126	WSTBRNP	10:14:30	10:21:30	5T28	00:07:00
CT-126	PADTONX	10:23:30	10:24:30	2T28	00:01:00
CT-126	ABWD	10:54:30	11:06:30	2T37	00:12:00
CT-126	PADTONX	11:34:00	11:35:00	5T37	00:01:00
CT-126	WSTBRNP	11:37:00	11:44:00	5A44	00:07:00
CT-126	PADTONX	11:46:00	11:47:00	2A44	00:01:00
CT-126	ABWD	12:17:00	12:29:00	2A53	00:12:00
CT-126	PADTONX	12:56:30	12:57:30	5A53	00:01:00
CT-126	WSTBRNP	12:59:30	13:06:30	5T40	00:07:00
CT-126	PADTONX	13:08:30	13:09:30	2T50	00:01:00
CT-126	ABWD	13:39:30	13:51:30	2T59	00:12:00
CT-126	PADTONX	14:19:00	14:20:00	5D59	00:01:00
CT-126	WSTBRNP	14:21:00	14:21:00	5D59	00:00:00
CT-126	OLDOXRB	14:25:30	14:25:30	5D59	00:00:00
CT-126	OLDOXRW	14:33:00	14:33:00	5D59	00:00:00
CT-126	OLDOXRD	14:36:00	15:18:30	5A74	00:42:30
CT-126	OLDOXRW	15:21:30	15:21:30	5A74	00:00:00
CT-126	OLDOXRB	15:26:00	15:26:00	5A74	00:00:00
CT-126	WSTBRNP	15:30:00	15:30:00	5A74	00:00:00
CT-126	PADTONX	15:31:00	15:32:00	2A74	00:01:00
CT-126	ABWD	16:02:00	16:14:00	2A83	00:12:00
CT-126	PADTONX	16:41:30	16:42:30	5A83	00:01:00
CT-126	WSTBRNP	16:44:30	16:51:30	5T84	00:07:00
CT-126	PADTONX	16:53:30	16:54:30	2T84	00:01:00
CT-126	ABWD	17:24:30	17:36:30	2T89	00:12:00
CT-126	PADTONX	18:04:00	18:05:00	5T89	00:01:00
CT-126	WSTBRNP	18:07:00	18:14:00	5A96	00:07:00
CT-126	PADTONX	18:16:00	18:17:00	2A96	00:01:00

CT-126	ABWD	18:47:00	18:59:00	2A05	00:12:00
CT-126	PADTONX	19:26:30	19:27:30	5A05	00:01:00
CT-126	WSTBRNP	19:29:30	19:36:30	5T06	00:07:00
CT-126	PADTONX	19:38:30	19:39:30	2T08	00:01:00
CT-126	ABWD	20:09:30	20:21:30	2T55	00:12:00
CT-126	PADTONX	20:49:00	20:50:00	5D55	00:01:00
CT-126	WSTBRNP	20:51:00	20:51:00	5D55	00:00:00
CT-126	OLDOXRB	20:55:30	20:55:30	5D55	00:00:00
CT-126	OLDOXRW	21:03:00	21:03:00	5D55	00:00:00
CT-126	OLDOXRD	21:06:00	21:49:00	5A26	00:43:00
CT-126	OLDOXRW	21:52:00	21:52:00	5A26	00:00:00
CT-126	OLDOXRB	21:56:30	21:56:30	5A26	00:00:00
CT-126	WSTBRNP	22:00:30	22:00:30	5A26	00:00:00
CT-126	PADTONX	22:01:30	22:02:00	2A26	00:00:30
CT-126	ABWD	22:30:00	22:44:00	2A35	00:14:00
CT-126	PADTONX	23:11:30	23:12:30	5A35	00:01:00
CT-126	WSTBRNP	23:14:30	23:24:00	5W27	00:09:30
CT-126	PADTONX	23:26:00	23:27:00	2W72	00:01:00
CT-126	ILFORD	23:53:30	23:54:00	2W72	00:00:30
CT-126	SHENFLD	00:16:30	00:23:30	5W68	00:07:00
CT-126	GIDEPKS	00:33:00			

Diagram CT-127			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-127	SHENFDS		06:13:00	5B17	
CT-127	SHENFLD	06:15:00	06:16:00	2B17	00:01:00
CT-127	PADTONX	07:06:30	07:07:30	5B17	00:01:00
CT-127	WSTBRNP	07:09:30	07:19:00	5B16	00:09:30
CT-127	PADTONX	07:21:00	07:22:00	2B16	00:01:00
CT-127	ABWD	07:50:00	08:04:00	2T15	00:14:00
CT-127	PADTONX	08:31:30	08:32:30	5D31	00:01:00
CT-127	WSTBRNP	08:33:30	08:33:30	5D31	00:00:00
CT-127	OLDOXRB	08:38:00	08:38:00	5D31	00:00:00
CT-127	OLDOXRW	08:45:30	08:45:30	5D31	00:00:00
CT-127	OLDOXRD	08:48:30	09:59:00	5W42	01:10:30
CT-127	OLDOXRW	10:02:00	10:02:00	5W42	00:00:00
CT-127	OLDOXRB	10:06:30	10:06:30	5W42	00:00:00
CT-127	WSTBRNP	10:10:30	10:10:30	5W42	00:00:00
CT-127	PADTONX	10:11:30	10:13:30	2W42	00:02:00
CT-127	ILFORD	10:40:00	10:40:30	2W42	00:00:30
CT-127	SHENFLD	11:05:00	11:17:00	2B37	00:12:00
CT-127	PADTONX	12:07:30	12:08:30	5B37	00:01:00
CT-127	WSTBRNP	12:10:30	12:18:00	5B38	00:07:30
CT-127	PADTONX	12:20:00	12:21:00	2B38	00:01:00
CT-127	ILFORD	12:47:30	12:48:00	2B38	00:00:30
CT-127	SHENFLD	13:12:30	13:24:30	2W73	00:12:00

CT-127	PADTONX	14:15:00	14:16:00	5W73	00:01:00
CT-127	WSTBRNP	14:18:00	14:25:30	5W76	00:07:30
CT-127	PADTONX	14:27:30	14:28:30	2W76	00:01:00
CT-127	ILFORD	14:55:00	14:55:30	2W76	00:00:30
CT-127	SHENFLD	15:19:30	15:32:00	2B71	00:12:30
CT-127	PADTONX	16:22:30	16:23:30	5B71	00:01:00
CT-127	WSTBRNP	16:25:30	16:33:00	5B72	00:07:30
CT-127	PADTONX	16:35:00	16:36:00	2B72	00:01:00
CT-127	ILFORD	17:02:30	17:03:00	2B72	00:00:30
CT-127	SHENFLD	17:27:30	17:39:30	2W35	00:12:00
CT-127	PADTONX	18:30:00	18:31:00	5D35	00:01:00
CT-127	WSTBRNP	18:32:00	18:32:00	5D35	00:00:00
CT-127	OLDOXRB	18:36:30	18:36:30	5D35	00:00:00
CT-127	OLDOXRW	18:44:00	18:44:00	5D35	00:00:00
CT-127	OLDOXRD	18:47:00	19:30:00	5W48	00:43:00
CT-127	OLDOXRW	19:33:00	19:33:00	5W48	00:00:00
CT-127	OLDOXRB	19:37:30	19:37:30	5W48	00:00:00
CT-127	WSTBRNP	19:41:30	19:41:30	5W48	00:00:00
CT-127	PADTONX	19:42:30	19:43:30	2W48	00:01:00
CT-127	ILFORD	20:10:00	20:10:30	2W48	00:00:30
CT-127	SHENFLD	20:35:00	20:47:00	2B15	00:12:00
CT-127	PADTONX	21:37:30	21:38:30	5B15	00:01:00
CT-127	WSTBRNP	21:40:30	21:48:00	5B14	00:07:30
CT-127	PADTONX	21:50:00	21:51:00	2B14	00:01:00
CT-127	ILFORD	22:17:30	22:18:00	2B14	00:00:30
CT-127	SHENFLD	22:40:30	22:52:30	5B14	00:12:00
CT-127	ILFEMUD	23:21:30			

## Diagram CT-128

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-128	OLDOXRD		07:38:30	5B20	
CT-128	OLDOXRW	07:41:30	07:41:30	5B20	00:00:00
CT-128	OLDOXRB	07:46:00	07:46:00	5B20	00:00:00
CT-128	WSTBRNP	07:50:00	07:50:00	5B20	00:00:00
CT-128	PADTONX	07:51:00	07:52:00	2B20	00:01:00
CT-128	ABWD	08:20:00	08:34:00	2T29	00:14:00
CT-128	PADTONX	09:01:30	09:02:30	5T29	00:01:00
CT-128	WSTBRNP	09:04:30	09:15:30	5A36	00:11:00
CT-128	PADTONX	09:17:30	09:18:30	2A36	00:01:00
CT-128	ABWD	09:47:00	09:59:00	2A33	00:12:00
CT-128	PADTONX	10:26:30	10:27:30	5A33	00:01:00
CT-128	WSTBRNP	10:29:30	10:36:30	5T30	00:07:00
CT-128	PADTONX	10:38:30	10:39:30	2T30	00:01:00
CT-128	ABWD	11:09:30	11:21:30	2T39	00:12:00
CT-128	PADTONX	11:49:00	11:50:00	5D39	00:01:00
CT-128	WSTBRNP	11:51:00	11:51:00	5D39	00:00:00

CT-128	OLDOXRB	11:55:30	11:55:30 5D39	00:00:00
CT-128	OLDOXRW	12:03:00	12:03:00 5D39	00:00:00
CT-128	OLDOXRD	12:06:00	12:49:00 5A54	00:43:00
CT-128	OLDOXRW	12:52:00	12:52:00 5A54	00:00:00
CT-128	OLDOXRB	12:56:30	12:56:30 5A54	00:00:00
CT-128	WSTBRNP	13:00:30	13:00:30 5A54	00:00:00
CT-128	PADTONX	13:01:30	13:02:00 2A54	00:00:30
CT-128	ABWD	13:32:00	13:44:00 2A63	00:12:00
CT-128	PADTONX	14:11:30	14:12:30 5A63	00:01:00
CT-128	WSTBRNP	14:14:30	14:21:30 5T60	00:07:00
CT-128	PADTONX	14:23:30	14:24:30 2T60	00:01:00
CT-128	ABWD	14:54:30	15:06:30 2T69	00:12:00
CT-128	PADTONX	15:34:00	15:35:00 5T69	00:01:00
CT-128	WSTBRNP	15:37:00	15:44:00 5A76	00:07:00
CT-128	PADTONX	15:46:00	15:47:00 2A76	00:01:00
CT-128	ABWD	16:17:00	16:29:00 2A85	00:12:00
CT-128	PADTONX	16:56:30	16:57:30 5A85	00:01:00
CT-128	WSTBRNP	16:59:30	17:06:30 5T86	00:07:00
CT-128	PADTONX	17:08:30	17:09:30 2T86	00:01:00
CT-128	ABWD	17:39:30	17:51:30 2T91	00:12:00
CT-128	PADTONX	18:19:00	18:20:00 5D81	00:01:00
CT-128	WSTBRNP	18:21:00	18:21:00 5D81	00:00:00
CT-128	OLDOXRB	18:25:30	18:25:30 5D81	00:00:00
CT-128	OLDOXRW	18:33:00	18:33:00 5D81	00:00:00
CT-128	OLDOXRD	18:36:00	19:18:30 5A06	00:42:30
CT-128	OLDOXRW	19:21:30	19:21:30 5A06	00:00:00
CT-128	OLDOXRB	19:26:00	19:26:00 5A06	00:00:00
CT-128	WSTBRNP	19:30:00	19:30:00 5A06	00:00:00
CT-128	PADTONX	19:31:00	19:32:00 2A06	00:01:00
CT-128	ABWD	20:02:00	20:14:00 2A15	00:12:00
CT-128	PADTONX	20:41:30	20:42:30 5A15	00:01:00
CT-128	WSTBRNP	20:44:30	20:51:30 5T18	00:07:00
CT-128	PADTONX	20:53:30	20:54:30 2T18	00:01:00
CT-128	ABWD	21:24:30	21:36:30 2T11	00:12:00
CT-128	PADTONX	22:04:00	22:05:00 5D11	00:01:00
CT-128	WSTBRNP	22:06:00	22:06:00 5D11	00:00:00
CT-128	OLDOXRB	22:10:30	22:10:30 5D11	00:00:00
CT-128	OLDOXRW	22:18:00	22:18:00 5D11	00:00:00
CT-128	OLDOXRD	22:21:00		

Diagram CT-129			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-129	OLDOXRD		07:53:30	5B22	
CT-129	OLDOXRW	07:56:30	07:56:30	5B22	00:00:00
CT-129	OLDOXRB	08:01:00	08:01:00	5B22	00:00:00
CT-129	WSTBRNP	08:05:00	08:05:00	5B22	00:00:00



CT-129	PADTONX	08:06:00	08:07:00	2B22	00:01:00
CT-129	ILFORD	08:33:30	08:34:00	2B22	00:00:30
CT-129	SHENFLD	08:56:30	08:57:30	5B23	00:01:00
CT-129	SHENFDS	08:59:30	09:29:00	5B23	00:29:30
CT-129	SHENFLD	09:31:00	09:32:00	2B23	00:01:00
CT-129	PADTONX	10:22:30	10:23:30	5B23	00:01:00
CT-129	WSTBRNP	10:25:30	10:33:00	5B24	00:07:30
CT-129	PADTONX	10:35:00	10:36:00	2B24	00:01:00
CT-129	ILFORD	11:02:30	11:03:00	2B24	00:00:30
CT-129	SHENFLD	11:27:30	11:39:30	2W59	00:12:00
CT-129	PADTONX	12:30:00	12:31:00	5D59	00:01:00
CT-129	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
CT-129	OLDOXRB	12:36:30	12:36:30	5D59	00:00:00
CT-129	OLDOXRW	12:44:00	12:44:00	5D59	00:00:00
CT-129	OLDOXRD	12:47:00	13:30:00	5W70	00:43:00
CT-129	OLDOXRW	13:33:00	13:33:00	5W70	00:00:00
CT-129	OLDOXRB	13:37:30	13:37:30	5W70	00:00:00
CT-129	WSTBRNP	13:41:30	13:41:30	5W70	00:00:00
CT-129	PADTONX	13:42:30	13:43:30	2W70	00:01:00
CT-129	ILFORD	14:10:00	14:10:30	2W70	00:00:30
CT-129	SHENFLD	14:35:00	14:47:00	2B65	00:12:00
CT-129	PADTONX	15:37:30	15:38:30	5B65	00:01:00
CT-129	WSTBRNP	15:40:30	15:48:00	5B66	00:07:30
CT-129	PADTONX	15:50:00	15:51:00	2B66	00:01:00
CT-129	ILFORD	16:17:30	16:18:00	2B66	00:00:30
CT-129	SHENFLD	16:42:30	16:54:30	2W19	00:12:00
CT-129	PADTONX	17:45:00	17:46:00	5W19	00:01:00
CT-129	WSTBRNP	17:48:00	17:55:30	5W28	00:07:30
CT-129	PADTONX	17:57:30	17:58:30	2W28	00:01:00
CT-129	ILFORD	18:25:00	18:25:30	2W28	00:00:30
CT-129	SHENFLD	18:48:00	19:02:00	2B01	00:14:00
CT-129	PADTONX	19:52:30	19:53:30	5B01	00:01:00
CT-129	WSTBRNP	19:55:30	20:03:00	5B00	00:07:30
CT-129	PADTONX	20:05:00	20:06:00	2B00	00:01:00
CT-129	ILFORD	20:32:30	20:33:00	2B00	00:00:30
CT-129	SHENFLD	20:57:30	21:09:30	2P04	00:12:00
CT-129	PADTONX	22:00:00	22:01:00	5D04	00:01:00
CT-129	WSTBRNP	22:02:00	22:02:00	5D04	00:00:00
CT-129	OLDOXRB	22:06:30	22:06:30	5D04	00:00:00
CT-129	OLDOXRW	22:14:00	22:14:00	5D04	00:00:00
CT-129	OLDOXRD	22:17:00			

Diagram CT-130			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-130	GIDEPKS		08:02:30	5B27	
CT-130	SHENFDS	08:14:30	08:29:00	5B27	00:14:30

CT-130	SHENFLD	08:31:00	08:32:00 2B27	00:01:00
CT-130	PADTONX	09:22:30	09:23:30 5B27	00:01:00
CT-130	WSTBRNP	09:25:30	09:33:00 5B34	00:07:30
CT-130	PADTONX	09:35:00	09:36:00 2B34	00:01:00
CT-130	ILFORD	10:02:30	10:03:00 2B34	00:00:30
CT-130	SHENFLD	10:27:30	10:39:30 2W51	00:12:00
CT-130	PADTONX	11:30:00	11:31:00 5D51	00:01:00
CT-130	WSTBRNP	11:32:00	11:32:00 5D51	00:00:00
CT-130	OLDOXRB	11:37:00	11:37:00 5D51	00:00:00
CT-130	OLDOXRW	11:44:30	11:44:30 5D51	00:00:00
CT-130	OLDOXRD	11:47:30	12:30:00 5W62	00:42:30
CT-130	OLDOXRW	12:33:00	12:33:00 5W62	00:00:00
CT-130	OLDOXRB	12:37:30	12:37:30 5W62	00:00:00
CT-130	WSTBRNP	12:41:30	12:41:30 5W62	00:00:00
CT-130	PADTONX	12:42:30	12:43:30 2W62	00:01:00
CT-130	ILFORD	13:10:00	13:10:30 2W62	00:00:30
CT-130	SHENFLD	13:35:00	13:47:00 2B57	00:12:00
CT-130	PADTONX	14:37:30	14:38:30 5B57	00:01:00
CT-130	WSTBRNP	14:40:30	14:48:00 5B58	00:07:30
CT-130	PADTONX	14:50:00	14:51:00 2B58	00:01:00
CT-130	ILFORD	15:17:30	15:18:00 2B58	00:00:30
CT-130	SHENFLD	15:42:30	15:54:30 2W95	00:12:00
CT-130	PADTONX	16:45:00	16:46:00 5W95	00:01:00
CT-130	WSTBRNP	16:48:00	16:55:30 5W04	00:07:30
CT-130	PADTONX	16:57:30	16:58:30 2W04	00:01:00
CT-130	ILFORD	17:25:00	17:25:30 2W04	00:00:30
CT-130	SHENFLD	17:50:00	18:02:00 2B93	00:12:00
CT-130	PADTONX	18:52:30	18:53:30 5B93	00:01:00
CT-130	WSTBRNP	18:55:30	19:03:00 5B92	00:07:30
CT-130	PADTONX	19:05:00	19:06:00 2B92	00:01:00
CT-130	ILFORD	19:32:30	19:33:00 2B92	00:00:30
CT-130	SHENFLD	19:57:30	20:09:30 2W57	00:12:00
CT-130	PADTONX	21:00:00	21:01:00 5D57	00:01:00
CT-130	WSTBRNP	21:02:00	21:02:00 5D57	00:00:00
CT-130	OLDOXRB	21:07:00	21:07:00 5D57	00:00:00
CT-130	OLDOXRW	21:14:30	21:14:30 5D57	00:00:00
CT-130	OLDOXRD	21:17:30	21:59:00 5W38	00:41:30
CT-130	OLDOXRW	22:02:00	22:02:00 5W38	00:00:00
CT-130	OLDOXRB	22:06:30	22:06:30 5W38	00:00:00
CT-130	WSTBRNP	22:10:30	22:10:30 5W38	00:00:00
CT-130	PADTONX	22:11:30	22:17:00 2A28	00:05:30
CT-130	ILFORD	22:43:30	22:44:00 2A28	00:00:30
CT-130	SHENFLD	23:09:00	23:16:00 2B35	00:07:00
CT-130	PADTONX	00:06:30	00:07:30 5B35	00:01:00
CT-130	WSTBRNP	00:09:30	00:19:00 5B34	00:09:30
CT-130	PADTONX	00:21:00	00:22:00 2B34	00:01:00

CT-130	ABWD	00:50:00	00:57:00	5B34	00:07:00
CT-130	PLUMSDG	01:06:00			

Diagram CT-131		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-131	ILFEMUD		08:18:00	5W59	
CT-131	SHENFDS	08:44:30	08:51:30	5W59	00:07:00
CT-131	SHENFLD	08:53:30	08:54:30	2W59	00:01:00
CT-131	PADTONX	09:45:00	09:46:00	5T51	00:01:00
CT-131	WSTBRNP	09:48:00	09:55:30	5W40	00:07:30
CT-131	PADTONX	09:57:30	09:58:30	2W40	00:01:00
CT-131	ILFORD	10:25:00	10:25:30	2W40	00:00:30
CT-131	SHENFLD	10:50:00	11:02:00	2B35	00:12:00
CT-131	PADTONX	11:52:30	11:53:30	5B35	00:01:00
CT-131	WSTBRNP	11:55:30	12:03:00	5B36	00:07:30
CT-131	PADTONX	12:05:00	12:06:00	2B36	00:01:00
CT-131	ILFORD	12:32:30	12:33:00	2B36	00:00:30
CT-131	SHENFLD	12:57:30	13:09:30	2W71	00:12:00
CT-131	PADTONX	14:00:00	14:01:00	5D71	00:01:00
CT-131	WSTBRNP	14:02:00	14:02:00	5D71	00:00:00
CT-131	OLDOXRB	14:07:00	14:07:00	5D71	00:00:00
CT-131	OLDOXRW	14:14:30	14:14:30	5D71	00:00:00
CT-131	OLDOXRD	14:17:30	14:59:00	5W82	00:41:30
CT-131	OLDOXRW	15:02:00	15:02:00	5W82	00:00:00
CT-131	OLDOXRB	15:06:30	15:06:30	5W82	00:00:00
CT-131	WSTBRNP	15:10:30	15:10:30	5W82	00:00:00
CT-131	PADTONX	15:11:30	15:13:30	2W82	00:02:00
CT-131	ILFORD	15:40:00	15:40:30	2W82	00:00:30
CT-131	SHENFLD	16:04:30	16:17:00	2B79	00:12:30
CT-131	PADTONX	17:07:30	17:08:30	5B79	00:01:00
CT-131	WSTBRNP	17:10:30	17:18:00	5B78	00:07:30
CT-131	PADTONX	17:20:00	17:21:30	2B78	00:01:30
CT-131	ILFORD	17:48:00	17:48:30	2B78	00:00:30
CT-131	SHENFLD	18:12:30	18:24:30	2W43	00:12:00
CT-131	PADTONX	19:15:00	19:16:00	5W43	00:01:00
CT-131	WSTBRNP	19:18:00	19:25:30	5W46	00:07:30
CT-131	PADTONX	19:27:30	19:28:30	2W46	00:01:00
CT-131	ILFORD	19:55:00	19:55:30	2W46	00:00:30
CT-131	SHENFLD	20:20:00	20:32:00	2B13	00:12:00
CT-131	PADTONX	21:22:30	21:23:30	5B13	00:01:00
CT-131	WSTBRNP	21:25:30	21:33:00	5B12	00:07:30
CT-131	PADTONX	21:35:00	21:36:00	2B12	00:01:00
CT-131	ILFORD	22:02:30	22:03:00	2B12	00:00:30
CT-131	SHENFLD	22:29:00	22:30:00	5B12	00:01:00
CT-131	SHENFDS	22:32:00			

Diagram CT-132			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-132	OLDOXR		08:18:30	5A30	
CT-132	OLDOXRW	08:21:30	08:21:30	5A30	00:00:00
CT-132	OLDOXRB	08:26:00	08:26:00	5A30	00:00:00
CT-132	WSTBRNP	08:30:00	08:30:00	5A30	00:00:00
CT-132	PADTONX	08:31:00	08:32:00	2A30	00:01:00
CT-132	ABWD	09:02:00	09:14:00	2A41	00:12:00
CT-132	PADTONX	09:41:30	09:42:30	5A41	00:01:00
CT-132	WSTBRNP	09:44:30	09:51:30	5T40	00:07:00
CT-132	PADTONX	09:53:30	09:54:30	2T40	00:01:00
CT-132	ABWD	10:24:30	10:36:30	2T33	00:12:00
CT-132	PADTONX	11:04:00	11:05:00	5T33	00:01:00
CT-132	WSTBRNP	11:07:00	11:14:00	5A40	00:07:00
CT-132	PADTONX	11:16:00	11:17:00	2A40	00:01:00
CT-132	ABWD	11:47:00	11:59:00	2A49	00:12:00
CT-132	PADTONX	12:26:30	12:27:30	5A49	00:01:00
CT-132	WSTBRNP	12:29:30	12:36:30	5T46	00:07:00
CT-132	PADTONX	12:38:30	12:39:30	2T46	00:01:00
CT-132	ABWD	13:09:30	13:21:30	2T55	00:12:00
CT-132	PADTONX	13:49:00	13:50:00	5D55	00:01:00
CT-132	WSTBRNP	13:51:00	13:51:00	5D55	00:00:00
CT-132	OLDOXRB	13:55:30	13:55:30	5D55	00:00:00
CT-132	OLDOXRW	14:03:00	14:03:00	5D55	00:00:00
CT-132	OLDOXR	14:06:00	14:49:00	5A70	00:43:00
CT-132	OLDOXRW	14:52:00	14:52:00	5A70	00:00:00
CT-132	OLDOXRB	14:56:30	14:56:30	5A70	00:00:00
CT-132	WSTBRNP	15:00:30	15:00:30	5A70	00:00:00
CT-132	PADTONX	15:01:30	15:02:00	2A70	00:00:30
CT-132	ABWD	15:32:00	15:44:00	2A79	00:12:00
CT-132	PADTONX	16:11:30	16:12:30	5A79	00:01:00
CT-132	WSTBRNP	16:14:30	16:21:30	5T78	00:07:00
CT-132	PADTONX	16:23:30	16:24:30	2T78	00:01:00
CT-132	ABWD	16:54:30	17:06:30	2T85	00:12:00
CT-132	PADTONX	17:34:00	17:35:00	5T85	00:01:00
CT-132	WSTBRNP	17:37:00	17:44:00	5A92	00:07:00
CT-132	PADTONX	17:46:00	17:47:00	2A92	00:01:00
CT-132	ABWD	18:17:00	18:29:00	2A01	00:12:00
CT-132	PADTONX	18:56:30	18:57:30	5A01	00:01:00
CT-132	WSTBRNP	18:59:30	19:06:30	5T04	00:07:00
CT-132	PADTONX	19:08:30	19:09:30	2T04	00:01:00
CT-132	ABWD	19:39:30	19:51:30	2T07	00:12:00
CT-132	PADTONX	20:19:00	20:20:00	5D07	00:01:00
CT-132	WSTBRNP	20:21:00	20:21:00	5D07	00:00:00
CT-132	OLDOXRB	20:25:30	20:25:30	5D07	00:00:00
CT-132	OLDOXRW	20:33:00	20:33:00	5D07	00:00:00



CT-132	OLDOXRD	20:36:00	21:18:30	5A22	00:42:30
CT-132	OLDOXRW	21:21:30	21:21:30	5A22	00:00:00
CT-132	OLDOXRB	21:26:00	21:26:00	5A22	00:00:00
CT-132	WSTBRNP	21:30:00	21:30:00	5A22	00:00:00
CT-132	PADTONX	21:31:00	21:32:00	2A22	00:01:00
CT-132	ABWD	22:00:00	22:14:00	2A31	00:14:00
CT-132	PADTONX	22:41:30	22:42:30	5A31	00:01:00
CT-132	WSTBRNP	22:44:30	22:52:00	5W70	00:07:30
CT-132	PADTONX	22:56:00	22:57:00	2W70	00:01:00
CT-132	ILFORD	23:23:30	23:24:00	2W70	00:00:30
CT-132	SHENFLD	23:46:30	23:56:00	2L99	00:09:30
CT-132	LIVST	00:34:30	00:55:00	2W74	00:20:30
CT-132	ILFORD	01:10:30	01:11:00	2W74	00:00:30
CT-132	SHENFLD	01:33:30	01:41:00	5V74	00:07:30
CT-132	ILFEMUD	02:06:00			

Diagram CT-133			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-133	OLDOXRD		08:30:00	5W48	
CT-133	OLDOXRW	08:33:00	08:33:00	5W48	00:00:00
CT-133	OLDOXRB	08:37:30	08:37:30	5W48	00:00:00
CT-133	WSTBRNP	08:41:30	08:41:30	5W48	00:00:00
CT-133	PADTONX	08:42:30	08:43:30	2W48	00:01:00
CT-133	ILFORD	09:10:00	09:10:30	2W48	00:00:30
CT-133	SHENFLD	09:35:00	09:47:00	2B25	00:12:00
CT-133	PADTONX	10:37:30	10:38:30	5B25	00:01:00
CT-133	WSTBRNP	10:40:30	10:48:00	5B26	00:07:30
CT-133	PADTONX	10:50:00	10:51:00	2B26	00:01:00
CT-133	ILFORD	11:17:30	11:18:00	2B26	00:00:30
CT-133	SHENFLD	11:42:30	11:54:30	2W61	00:12:00
CT-133	PADTONX	12:45:00	12:46:00	5W61	00:01:00
CT-133	WSTBRNP	12:48:00	12:55:30	5W72	00:07:30
CT-133	PADTONX	12:57:30	12:58:30	2W64	00:01:00
CT-133	ILFORD	13:25:00	13:25:30	2W64	00:00:30
CT-133	SHENFLD	13:50:00	14:02:00	2B59	00:12:00
CT-133	PADTONX	14:52:30	14:53:30	5B59	00:01:00
CT-133	WSTBRNP	14:55:30	15:03:00	5B60	00:07:30
CT-133	PADTONX	15:05:00	15:06:00	2B60	00:01:00
CT-133	ILFORD	15:32:30	15:33:00	2B60	00:00:30
CT-133	SHENFLD	15:57:30	16:09:30	2W01	00:12:00
CT-133	PADTONX	17:00:00	17:01:00	5D01	00:01:00
CT-133	WSTBRNP	17:02:00	17:02:00	5D01	00:00:00
CT-133	OLDOXRB	17:06:30	17:06:30	5D01	00:00:00
CT-133	OLDOXRW	17:14:00	17:14:00	5D01	00:00:00
CT-133	OLDOXRD	17:17:00	17:59:00	5W34	00:42:00
CT-133	OLDOXRW	18:02:00	18:02:00	5W34	00:00:00

CT-133	OLDOXRB	18:06:30	18:06:30	5W34	00:00:00
CT-133	WSTBRNP	18:10:30	18:10:30	5W34	00:00:00
CT-133	PADTONX	18:11:30	18:13:30	2W34	00:02:00
CT-133	ILFORD	18:40:00	18:40:30	2W34	00:00:30
CT-133	SHENFLD	19:05:00	19:17:00	2B03	00:12:00
CT-133	PADTONX	20:07:30	20:08:30	5B03	00:01:00
CT-133	WSTBRNP	20:10:30	20:18:00	5B02	00:07:30
CT-133	PADTONX	20:20:00	20:21:00	2B02	00:01:00
CT-133	ILFORD	20:47:30	20:48:00	2B02	00:00:30
CT-133	SHENFLD	21:12:30	21:26:00	2W63	00:13:30
CT-133	PADTONX	22:16:30	22:17:30	5W63	00:01:00
CT-133	WSTBRNP	22:19:30	22:29:00	5A30	00:09:30
CT-133	PADTONX	22:31:00	22:32:00	2A30	00:01:00
CT-133	ABWD	23:00:00	23:14:00	2A39	00:14:00
CT-133	PADTONX	23:41:30	23:42:30	5A39	00:01:00
CT-133	WSTBRNP	23:44:30	23:54:00	5W74	00:09:30
CT-133	PADTONX	23:56:00	23:57:00	2W74	00:01:00
CT-133	ILFORD	00:23:30	00:24:00	2W74	00:00:30
CT-133	SHENFLD	00:46:30	00:53:30	5V70	00:07:00
CT-133	ILFEMUD	01:18:30			

## Diagram CT-134

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-134	OLDOXRD		08:33:30	5A32	
CT-134	OLDOXRW	08:36:30	08:36:30	5A32	00:00:00
CT-134	OLDOXRB	08:41:00	08:41:00	5A32	00:00:00
CT-134	WSTBRNP	08:45:00	08:45:00	5A32	00:00:00
CT-134	PADTONX	08:46:00	08:47:00	2A32	00:01:00
CT-134	ABWD	09:17:00	09:29:00	2A43	00:12:00
CT-134	PADTONX	09:56:30	09:57:30	5A43	00:01:00
CT-134	WSTBRNP	09:59:30	10:06:30	5T26	00:07:00
CT-134	PADTONX	10:08:30	10:09:30	2T26	00:01:00
CT-134	ABWD	10:39:30	10:51:30	2T35	00:12:00
CT-134	PADTONX	11:19:00	11:20:00	5D35	00:01:00
CT-134	WSTBRNP	11:21:00	11:21:00	5D35	00:00:00
CT-134	OLDOXRB	11:25:30	11:25:30	5D35	00:00:00
CT-134	OLDOXRW	11:33:00	11:33:00	5D35	00:00:00
CT-134	OLDOXRD	11:36:00	12:18:30	5A50	00:42:30
CT-134	OLDOXRW	12:21:30	12:21:30	5A50	00:00:00
CT-134	OLDOXRB	12:26:00	12:26:00	5A50	00:00:00
CT-134	WSTBRNP	12:30:00	12:30:00	5A50	00:00:00
CT-134	PADTONX	12:31:00	12:32:00	2A50	00:01:00
CT-134	ABWD	13:02:00	13:14:00	2A59	00:12:00
CT-134	PADTONX	13:41:30	13:42:30	5A59	00:01:00
CT-134	WSTBRNP	13:44:30	13:51:30	5T56	00:07:00
CT-134	PADTONX	13:53:30	13:54:30	2T56	00:01:00
CT-134	ABWD	14:24:30	14:36:30	2T65	00:12:00

CT-134	PADTONX	15:04:00	15:05:00	5T65	00:01:00
CT-134	WSTBRNP	15:07:00	15:14:00	5A72	00:07:00
CT-134	PADTONX	15:16:00	15:17:00	2A72	00:01:00
CT-134	ABWD	15:47:00	15:59:00	2A81	00:12:00
CT-134	PADTONX	16:26:30	16:27:30	5A81	00:01:00
CT-134	WSTBRNP	16:29:30	16:36:30	5T80	00:07:00
CT-134	PADTONX	16:38:30	16:39:30	2T80	00:01:00
CT-134	ABWD	17:09:30	17:21:30	2T87	00:12:00
CT-134	PADTONX	17:49:00	17:50:00	5D87	00:01:00
CT-134	WSTBRNP	17:51:00	17:51:00	5D87	00:00:00
CT-134	OLDOXRB	17:55:30	17:55:30	5D87	00:00:00
CT-134	OLDOXRW	18:03:00	18:03:00	5D87	00:00:00
CT-134	OLDOXRD	18:06:00	18:49:00	5A02	00:43:00
CT-134	OLDOXRW	18:52:00	18:52:00	5A02	00:00:00
CT-134	OLDOXRB	18:56:30	18:56:30	5A02	00:00:00
CT-134	WSTBRNP	19:00:30	19:00:30	5A02	00:00:00
CT-134	PADTONX	19:01:30	19:02:00	2A02	00:00:30
CT-134	ABWD	19:32:00	19:44:00	2A11	00:12:00
CT-134	PADTONX	20:11:30	20:12:30	5A11	00:01:00
CT-134	WSTBRNP	20:14:30	20:21:30	5T14	00:07:00
CT-134	PADTONX	20:23:30	20:24:30	2T14	00:01:00
CT-134	ABWD	20:54:30	21:06:30	2T61	00:12:00
CT-134	PADTONX	21:34:00	21:35:00	5T61	00:01:00
CT-134	WSTBRNP	21:37:00	21:44:00	5A24	00:07:00
CT-134	PADTONX	21:46:00	21:47:00	2A24	00:01:00
CT-134	ABWD	22:15:00	22:24:00	2B25	00:09:00
CT-134	PADTONX	22:51:30	22:52:30	5B25	00:01:00
CT-134	WSTBRNP	22:54:30	23:03:00	5B24	00:08:30
CT-134	PADTONX	23:05:00	23:06:00	2B24	00:01:00
CT-134	ILFORD	23:32:30	23:33:00	2B24	00:00:30
CT-134	SHENFLD	23:57:00	23:58:00	5B24	00:01:00
CT-134	SHENFDS	00:00:00			

Diagram CT-135

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CT-135	PLUMSDG		08:47:30	5T35	
CT-135	ABWD	08:57:00	09:06:30	2T35	00:09:30
CT-135	PADTONX	09:34:00	09:35:00	5T35	00:01:00
CT-135	WSTBRNP	09:37:00	09:45:30	5A40	00:08:30
CT-135	PADTONX	09:47:30	09:48:30	2A40	00:01:00
CT-135	ABWD	10:17:00	10:29:00	2A37	00:12:00
CT-135	PADTONX	10:56:30	10:57:30	5A37	00:01:00
CT-135	WSTBRNP	10:59:30	11:06:30	5T34	00:07:00
CT-135	PADTONX	11:08:30	11:09:30	2T34	00:01:00
CT-135	ABWD	11:39:30	11:51:30	2T43	00:12:00
CT-135	PADTONX	12:19:00	12:20:00	5D43	00:01:00

CT-135	WSTBRNP	12:21:00	12:21:00 5D43	00:00:00
CT-135	OLDOXRB	12:25:30	12:25:30 5D43	00:00:00
CT-135	OLDOXRW	12:33:00	12:33:00 5D43	00:00:00
CT-135	OLDOXRD	12:36:00	13:18:30 5A58	00:42:30
CT-135	OLDOXRW	13:21:30	13:21:30 5A58	00:00:00
CT-135	OLDOXRB	13:26:00	13:26:00 5A58	00:00:00
CT-135	WSTBRNP	13:30:00	13:30:00 5A58	00:00:00
CT-135	PADTONX	13:31:00	13:32:00 2A58	00:01:00
CT-135	ABWD	14:02:00	14:14:00 2A67	00:12:00
CT-135	PADTONX	14:41:30	14:42:30 5A67	00:01:00
CT-135	WSTBRNP	14:44:30	14:51:30 5T64	00:07:00
CT-135	PADTONX	14:53:30	14:54:30 2T64	00:01:00
CT-135	ABWD	15:24:30	15:36:30 2T73	00:12:00
CT-135	PADTONX	16:04:00	16:05:00 5T73	00:01:00
CT-135	WSTBRNP	16:07:00	16:14:00 5A80	00:07:00
CT-135	PADTONX	16:16:00	16:18:30 2A80	00:02:30
CT-135	ABWD	16:47:00	16:59:00 2A89	00:12:00
CT-135	PADTONX	17:26:30	17:27:30 5A89	00:01:00
CT-135	WSTBRNP	17:29:30	17:36:30 5T90	00:07:00
CT-135	PADTONX	17:38:30	17:39:30 2T90	00:01:00
CT-135	ABWD	18:09:30	18:21:30 2T95	00:12:00
CT-135	PADTONX	18:49:00	18:50:00 5D95	00:01:00
CT-135	WSTBRNP	18:51:00	18:51:00 5D95	00:00:00
CT-135	OLDOXRB	18:55:30	18:55:30 5D95	00:00:00
CT-135	OLDOXRW	19:03:00	19:03:00 5D95	00:00:00
CT-135	OLDOXRD	19:06:00	19:49:00 5A10	00:43:00
CT-135	OLDOXRW	19:52:00	19:52:00 5A10	00:00:00
CT-135	OLDOXRB	19:56:30	19:56:30 5A10	00:00:00
CT-135	WSTBRNP	20:00:30	20:00:30 5A10	00:00:00
CT-135	PADTONX	20:01:30	20:02:00 2A10	00:00:30
CT-135	ABWD	20:32:00	20:44:00 2A19	00:12:00
CT-135	PADTONX	21:11:30	21:12:30 5A19	00:01:00
CT-135	WSTBRNP	21:14:30	21:21:30 5T22	00:07:00
CT-135	PADTONX	21:23:30	21:24:30 2T22	00:01:00
CT-135	ABWD	21:52:30	22:04:00 2T13	00:11:30
CT-135	PADTONX	22:31:30	22:32:30 5T13	00:01:00
CT-135	WSTBRNP	22:34:30	22:44:00 5A32	00:09:30
CT-135	PADTONX	22:46:00	22:47:00 2A32	00:01:00
CT-135	ILFORD	23:13:30	23:14:00 2A32	00:00:30
CT-135	SHENFLD	23:39:00	23:46:00 2B39	00:07:00
CT-135	PADTONX	00:36:30	00:37:30 5D39	00:01:00
CT-135	WSTBRNP	00:38:30	00:38:30 5D39	00:00:00
CT-135	OLDOXRB	00:43:00	00:43:00 5D39	00:00:00
CT-135	OLDOXRW	00:50:30	00:50:30 5D39	00:00:00
CT-135	OLDOXRD	00:53:30		



Diagram CT-136		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-136	OLDOXR		08:45:00	5W54	
CT-136	OLDOXRW	08:48:00	08:48:00	5W54	00:00:00
CT-136	OLDOXRB	08:52:30	08:52:30	5W54	00:00:00
CT-136	WSTBRNP	08:56:30	08:56:30	5W54	00:00:00
CT-136	PADTONX	08:57:30	08:58:30	2W54	00:01:00
CT-136	ILFORD	09:25:00	09:25:30	2W54	00:00:30
CT-136	SHENFLD	09:50:00	10:02:00	2B27	00:12:00
CT-136	PADTONX	10:52:30	10:53:30	5B27	00:01:00
CT-136	WSTBRNP	10:55:30	11:03:00	5B28	00:07:30
CT-136	PADTONX	11:05:00	11:06:00	2B28	00:01:00
CT-136	ILFORD	11:32:30	11:33:00	2B28	00:00:30
CT-136	SHENFLD	11:57:30	12:09:30	2W63	00:12:00
CT-136	PADTONX	13:00:00	13:01:00	5D63	00:01:00
CT-136	WSTBRNP	13:02:00	13:02:00	5D63	00:00:00
CT-136	OLDOXRB	13:06:30	13:06:30	5D63	00:00:00
CT-136	OLDOXRW	13:14:00	13:14:00	5D63	00:00:00
CT-136	OLDOXR	13:17:00	13:59:00	5W74	00:42:00
CT-136	OLDOXRW	14:02:00	14:02:00	5W74	00:00:00
CT-136	OLDOXRB	14:06:30	14:06:30	5W74	00:00:00
CT-136	WSTBRNP	14:10:30	14:10:30	5W74	00:00:00
CT-136	PADTONX	14:11:30	14:13:30	2W74	00:02:00
CT-136	ILFORD	14:40:00	14:40:30	2W74	00:00:30
CT-136	SHENFLD	15:05:00	15:17:00	2B69	00:12:00
CT-136	PADTONX	16:07:30	16:08:30	5B69	00:01:00
CT-136	WSTBRNP	16:10:30	16:18:00	5B70	00:07:30
CT-136	PADTONX	16:20:00	16:21:30	2B70	00:01:30
CT-136	ILFORD	16:48:00	16:48:30	2B70	00:00:30
CT-136	SHENFLD	17:12:30	17:24:30	2W31	00:12:00
CT-136	PADTONX	18:15:00	18:16:00	5W31	00:01:00
CT-136	WSTBRNP	18:18:00	18:25:30	5W36	00:07:30
CT-136	PADTONX	18:27:30	18:28:30	2W36	00:01:00
CT-136	ILFORD	18:55:00	18:55:30	2W36	00:00:30
CT-136	SHENFLD	19:20:00	19:32:00	2B05	00:12:00
CT-136	PADTONX	20:22:30	20:23:30	5B05	00:01:00
CT-136	WSTBRNP	20:25:30	20:33:00	5B04	00:07:30
CT-136	PADTONX	20:35:00	20:36:00	2B04	00:01:00
CT-136	ILFORD	21:02:30	21:03:00	2B04	00:00:30
CT-136	SHENFLD	21:25:30	21:36:00	2A29	00:10:30
CT-136	PADTONX	22:26:30	22:27:30	5A29	00:01:00
CT-136	WSTBRNP	22:29:30	22:37:00	5T30	00:07:30
CT-136	PADTONX	22:41:00	22:42:00	2T30	00:01:00
CT-136	ABWD	23:10:00	23:24:00	2B33	00:14:00
CT-136	PADTONX	23:51:30	23:52:30	5B33	00:01:00
CT-136	WSTBRNP	23:54:30	00:04:00	5B32	00:09:30

CT-136	PADTONX	00:06:00	00:07:00	2B32	00:01:00
CT-136	ILFORD	00:33:30	00:34:00	2B32	00:00:30
CT-136	SHENFLD	00:56:30	01:03:30	5B32	00:07:00
CT-136	GIDEPKS	01:13:00			

Diagram CT-137		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CT-137	OLDOXRD		09:00:00	5W60	
CT-137	OLDOXRW	09:03:00	09:03:00	5W60	00:00:00
CT-137	OLDOXRB	09:07:30	09:07:30	5W60	00:00:00
CT-137	WSTBRNP	09:11:30	09:11:30	5W60	00:00:00
CT-137	PADTONX	09:12:30	09:13:30	2W60	00:01:00
CT-137	ILFORD	09:40:00	09:40:30	2W60	00:00:30
CT-137	SHENFLD	10:05:00	10:17:00	2B29	00:12:00
CT-137	PADTONX	11:07:30	11:08:30	5T73	00:01:00
CT-137	WSTBRNP	11:10:30	11:18:00	5B30	00:07:30
CT-137	PADTONX	11:20:00	11:21:00	2B30	00:01:00
CT-137	ILFORD	11:47:30	11:48:00	2B30	00:00:30
CT-137	SHENFLD	12:12:30	12:24:30	2W65	00:12:00
CT-137	PADTONX	13:15:00	13:16:00	5W65	00:01:00
CT-137	WSTBRNP	13:18:00	13:25:30	5W68	00:07:30
CT-137	PADTONX	13:27:30	13:28:30	2W68	00:01:00
CT-137	ILFORD	13:55:00	13:55:30	2W68	00:00:30
CT-137	SHENFLD	14:20:00	14:32:00	2B63	00:12:00
CT-137	PADTONX	15:22:30	15:23:30	5B63	00:01:00
CT-137	WSTBRNP	15:25:30	15:33:00	5B64	00:07:30
CT-137	PADTONX	15:35:00	15:36:00	2B64	00:01:00
CT-137	ILFORD	16:02:30	16:03:00	2B64	00:00:30
CT-137	SHENFLD	16:27:30	16:39:30	2W13	00:12:00
CT-137	PADTONX	17:30:00	17:31:00	5D13	00:01:00
CT-137	WSTBRNP	17:32:00	17:32:00	5D13	00:00:00
CT-137	OLDOXRB	17:36:30	17:36:30	5D13	00:00:00
CT-137	OLDOXRW	17:44:00	17:44:00	5D13	00:00:00
CT-137	OLDOXRD	17:47:00	18:30:00	5W40	00:43:00
CT-137	OLDOXRW	18:33:00	18:33:00	5W40	00:00:00
CT-137	OLDOXRB	18:37:30	18:37:30	5W40	00:00:00
CT-137	WSTBRNP	18:41:30	18:41:30	5W40	00:00:00
CT-137	PADTONX	18:42:30	18:43:30	2W40	00:01:00
CT-137	ILFORD	19:10:00	19:10:30	2W40	00:00:30
CT-137	SHENFLD	19:35:00	19:47:00	2B07	00:12:00
CT-137	PADTONX	20:37:30	20:38:30	5B07	00:01:00
CT-137	WSTBRNP	20:40:30	20:48:00	5B06	00:07:30
CT-137	PADTONX	20:50:00	20:51:00	2B06	00:01:00
CT-137	ILFORD	21:17:30	21:18:00	2B06	00:00:30
CT-137	SHENFLD	21:40:30	21:41:30	5B06	00:01:00
CT-137	SHENFDS	21:43:30			

Diagram CT-138			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CT-138	SHENFDS		09:06:30	5W63	
CT-138	SHENFLD	09:08:30	09:09:30	2W63	00:01:00
CT-138	PADTONX	10:00:00	10:01:00	5D63	00:01:00
CT-138	WSTBRNP	10:02:00	10:02:00	5D63	00:00:00
CT-138	OLDOXRB	10:06:30	10:06:30	5D63	00:00:00
CT-138	OLDOXRW	10:14:00	10:14:00	5D63	00:00:00
CT-138	OLDOXRD	10:17:00	10:59:00	5W50	00:42:00
CT-138	OLDOXRW	11:02:00	11:02:00	5W50	00:00:00
CT-138	OLDOXRB	11:06:30	11:06:30	5W50	00:00:00
CT-138	WSTBRNP	11:10:30	11:10:30	5W50	00:00:00
CT-138	PADTONX	11:11:30	11:13:30	2W50	00:02:00
CT-138	ILFORD	11:40:00	11:40:30	2W50	00:00:30
CT-138	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
CT-138	PADTONX	13:07:30	13:08:30	5B45	00:01:00
CT-138	WSTBRNP	13:10:30	13:18:00	5B46	00:07:30
CT-138	PADTONX	13:20:00	13:21:00	2B46	00:01:00
CT-138	ILFORD	13:47:30	13:48:00	2B46	00:00:30
CT-138	SHENFLD	14:12:30	14:24:30	2W81	00:12:00
CT-138	PADTONX	15:15:00	15:16:00	5W81	00:01:00
CT-138	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
CT-138	PADTONX	15:27:30	15:28:30	2W84	00:01:00
CT-138	ILFORD	15:55:00	15:55:30	2W84	00:00:30
CT-138	SHENFLD	16:21:00	16:32:00	2B81	00:11:00
CT-138	PADTONX	17:22:30	17:23:30	5B81	00:01:00
CT-138	WSTBRNP	17:25:30	17:33:00	5B80	00:07:30
CT-138	PADTONX	17:35:00	17:36:00	2B80	00:01:00
CT-138	ILFORD	18:02:30	18:03:00	2B80	00:00:30
CT-138	SHENFLD	18:28:00	18:39:30	2W45	00:11:30
CT-138	PADTONX	19:30:00	19:31:00	5D45	00:01:00
CT-138	WSTBRNP	19:32:00	19:32:00	5D45	00:00:00
CT-138	OLDOXRB	19:37:00	19:37:00	5D45	00:00:00
CT-138	OLDOXRW	19:44:30	19:44:30	5D45	00:00:00
CT-138	OLDOXRD	19:47:30	20:30:00	5W56	00:42:30
CT-138	OLDOXRW	20:33:00	20:33:00	5W56	00:00:00
CT-138	OLDOXRB	20:37:30	20:37:30	5W56	00:00:00
CT-138	WSTBRNP	20:41:30	20:41:30	5W56	00:00:00
CT-138	PADTONX	20:42:30	20:43:30	2W56	00:01:00
CT-138	ILFORD	21:10:00	21:10:30	2W56	00:00:30
CT-138	SHENFLD	21:33:00	21:46:00	2B23	00:13:00
CT-138	PADTONX	22:36:30	22:37:30	5B23	00:01:00
CT-138	WSTBRNP	22:39:30	22:49:00	5B22	00:09:30
CT-138	PADTONX	22:51:00	22:52:00	2B22	00:01:00
CT-138	ABWD	23:20:00	23:34:00	2T19	00:14:00

CT-138	PADTONX	00:01:30	00:02:30	5T19	00:01:00
CT-138	WSTBRNP	00:04:30	00:12:00	5A44	00:07:30
CT-138	PADTONX	00:16:00	00:17:00	2A44	00:01:00
CT-138	ILFORD	00:43:30	00:44:00	2A44	00:00:30
CT-138	SHENFLD	01:06:30	01:13:30	5V44	00:07:00
CT-138	ILFEMUD	01:38:30			

	Diagram OC501				Traction: 345
	Operational Spare Unit				
	Available for use by CTOC as required				
Diagram	Location	Arr	Dep	ID	
	OLDOCCS		05:30:00		
	OLDOCCS	20:00:00			

	Diagram OC502				Traction: 345
	Operational Spare Unit				
	Available for use by CTOC as required				
Diagram	Location	Arr	Dep	ID	
	ILFEMUD		05:30:00		
	ILFEMUD	20:00:00			

## Stage 4 SU

Diagram CR-101		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-101	OOCXRSD			11:30:00 5W54	
CR-101	OOCXRWP	11:33:00	11:33:00	5W54	00:00:00
CR-101	OOCXRBR	11:37:30	11:37:30	5W54	00:00:00
CR-101	WSTBRNP	11:41:30	11:41:30	5W54	00:00:00
CR-101	PADTONX	11:42:30	11:43:30	2W54	00:01:00
CR-101	ILFORD	12:10:00	12:10:30	2W54	00:00:30
CR-101	SHENFLD	12:35:00	12:47:00	2B49	00:12:00
CR-101	PADTONX	13:37:30	13:38:30	5B49	00:01:00
CR-101	WSTBRNP	13:40:30	13:48:00	5B50	00:07:30
CR-101	PADTONX	13:50:00	13:51:00	2B50	00:01:00
CR-101	ILFORD	14:17:30	14:18:00	2B50	00:00:30
CR-101	SHENFLD	14:42:30	14:54:30	2W85	00:12:00
CR-101	PADTONX	15:45:00	15:46:00	5W85	00:01:00
CR-101	WSTBRNP	15:48:00	15:55:30	5W88	00:07:30
CR-101	PADTONX	15:57:30	15:58:30	2W88	00:01:00
CR-101	ILFORD	16:25:00	16:25:30	2W88	00:00:30
CR-101	SHENFLD	16:50:00	17:02:00	2B85	00:12:00
CR-101	PADTONX	17:52:30	17:53:30	5B85	00:01:00
CR-101	WSTBRNP	17:55:30	18:03:00	5B84	00:07:30
CR-101	PADTONX	18:05:00	18:06:00	2B84	00:01:00
CR-101	ILFORD	18:32:30	18:33:00	2B84	00:00:30
CR-101	SHENFLD	18:57:30	19:09:30	2W49	00:12:00
CR-101	PADTONX	20:00:00	20:01:00	5D49	00:01:00
CR-101	WSTBRNP	20:02:00	20:02:00	5D49	00:00:00
CR-101	OOCXRBR	20:07:00	20:07:00	5D49	00:00:00
CR-101	OOCXRWP	20:14:30	20:14:30	5D49	00:00:00
CR-101	OOCXRSD	20:17:30	21:00:00	5W60	00:42:30
CR-101	OOCXRWP	21:03:00	21:03:00	5W60	00:00:00
CR-101	OOCXRBR	21:07:30	21:07:30	5W60	00:00:00
CR-101	WSTBRNP	21:11:30	21:11:30	5W60	00:00:00
CR-101	PADTONX	21:12:30	21:13:30	2W60	00:01:00
CR-101	ILFORD	21:40:00	21:40:30	2W60	00:00:30
CR-101	SHENFLD	22:03:00	22:16:00	2B27	00:13:00
CR-101	PADTONX	23:06:30	23:07:30	5B27	00:01:00
CR-101	WSTBRNP	23:09:30	23:17:00	5B26	00:07:30
CR-101	PADTONX	23:21:00	23:22:00	2B26	00:01:00
CR-101	ABWD	23:50:00	00:04:00	2T23	00:14:00
CR-101	PADTONX	00:31:30	00:32:30	5D21	00:01:00
CR-101	WSTBRNP	00:33:30	00:33:30	5D21	00:00:00
CR-101	OOCXRBR	00:38:00	00:38:00	5D21	00:00:00
CR-101	OOCXRWP	00:46:00	00:46:00	5D21	00:00:00
CR-101	OOCXRSD	00:49:00			



Diagram CR-102		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-102	OOCXRS		07:18:30	5A22	
CR-102	OOCXRWP	07:21:30	07:21:30	5A22	00:00:00
CR-102	OOCXRBR	07:26:00	07:26:00	5A22	00:00:00
CR-102	WSTBRNP	07:30:00	07:30:00	5A22	00:00:00
CR-102	PADTONX	07:31:00	07:32:00	2A22	00:01:00
CR-102	ABWD	08:00:00	08:14:00	2A35	00:14:00
CR-102	PADTONX	08:41:30	08:42:30	5A35	00:01:00
CR-102	WSTBRNP	08:44:30	08:54:00	5W30	00:09:30
CR-102	PADTONX	08:56:00	08:57:00	2W30	00:01:00
CR-102	ILFORD	09:23:30	09:24:00	2W30	00:00:30
CR-102	SHENFLD	09:48:30	09:56:00	2W51	00:07:30
CR-102	PADTONX	10:46:30	10:47:30	5W51	00:01:00
CR-102	WSTBRNP	10:49:30	10:57:00	5A38	00:07:30
CR-102	PADTONX	11:01:00	11:02:00	2A38	00:01:00
CR-102	ABWD	11:32:00	11:44:00	2A47	00:12:00
CR-102	PADTONX	12:11:30	12:12:30	5A47	00:01:00
CR-102	WSTBRNP	12:14:30	12:21:30	5T44	00:07:00
CR-102	PADTONX	12:23:30	12:24:30	2T44	00:01:00
CR-102	ABWD	12:54:30	13:06:30	2T53	00:12:00
CR-102	PADTONX	13:34:00	13:35:00	5T53	00:01:00
CR-102	WSTBRNP	13:37:00	13:44:00	5A60	00:07:00
CR-102	PADTONX	13:46:00	13:47:00	2A60	00:01:00
CR-102	ABWD	14:17:00	14:29:00	2A69	00:12:00
CR-102	PADTONX	14:56:30	14:57:30	5A69	00:01:00
CR-102	WSTBRNP	14:59:30	15:06:30	5T66	00:07:00
CR-102	PADTONX	15:08:30	15:09:30	2T66	00:01:00
CR-102	ABWD	15:39:30	15:51:30	2T75	00:12:00
CR-102	PADTONX	16:19:00	16:20:00	5D75	00:01:00
CR-102	WSTBRNP	16:21:00	16:21:00	5D75	00:00:00
CR-102	OOCXRBR	16:25:30	16:25:30	5D75	00:00:00
CR-102	OOCXRWP	16:33:00	16:33:00	5D75	00:00:00
CR-102	OOCXRS	16:36:00	17:19:00	5A90	00:43:00
CR-102	OOCXRWP	17:22:00	17:22:00	5A90	00:00:00
CR-102	OOCXRBR	17:26:30	17:26:30	5A90	00:00:00
CR-102	WSTBRNP	17:30:30	17:30:30	5A90	00:00:00
CR-102	PADTONX	17:31:30	17:32:00	2A90	00:00:30
CR-102	ABWD	18:02:00	18:14:00	2A99	00:12:00
CR-102	PADTONX	18:41:30	18:42:30	5A99	00:01:00
CR-102	WSTBRNP	18:44:30	18:51:30	5T02	00:07:00
CR-102	PADTONX	18:53:30	18:54:30	2T02	00:01:00
CR-102	ABWD	19:24:30	19:36:30	2T05	00:12:00
CR-102	PADTONX	20:04:00	20:05:00	5T05	00:01:00
CR-102	WSTBRNP	20:07:00	20:14:00	5A12	00:07:00

CR-102	PADTONX	20:16:00	20:17:00	2A12	00:01:00
CR-102	ABWD	20:47:00	20:59:00	2A21	00:12:00
CR-102	PADTONX	21:26:30	21:27:30	5A21	00:01:00
CR-102	WSTBRNP	21:29:30	21:36:30	5T24	00:07:00
CR-102	PADTONX	21:38:30	21:39:30	2T24	00:01:00
CR-102	ABWD	22:07:30	22:18:00	5T24	00:10:30
CR-102	PLUMSDG	22:27:00			

Diagram CR-103		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-103	ILFEMUD		06:40:30	5A27	
CR-103	SHENFLD	06:59:00	07:06:00	2A27	00:07:00
CR-103	PADTONX	07:56:30	07:57:30	5A27	00:01:00
CR-103	WSTBRNP	07:59:30	08:09:00	5T24	00:09:30
CR-103	PADTONX	08:11:00	08:12:00	2T24	00:01:00
CR-103	ABWD	08:40:00	08:54:00	2B31	00:14:00
CR-103	PADTONX	09:21:30	09:22:30	5T31	00:01:00
CR-103	WSTBRNP	09:24:30	09:33:00	5B36	00:08:30
CR-103	PADTONX	09:35:00	09:36:00	2B40	00:01:00
CR-103	ILFORD	10:02:30	10:03:00	2B40	00:00:30
CR-103	SHENFLD	10:28:30	10:36:00	2A41	00:07:30
CR-103	PADTONX	11:26:30	11:27:30	5A41	00:01:00
CR-103	WSTBRNP	11:28:30	11:28:30	5A41	00:00:00
CR-103	OOCXRBR	11:33:00	11:33:00	5A41	00:00:00
CR-103	OOCXRWP	11:40:30	11:40:30	5A41	00:00:00
CR-103	OOCXRSD	11:43:30	12:48:30	5A54	01:05:00
CR-103	OOCXRWP	12:51:30	12:51:30	5A54	00:00:00
CR-103	OOCXRBR	12:56:00	12:56:00	5A54	00:00:00
CR-103	WSTBRNP	13:00:00	13:00:00	5A54	00:00:00
CR-103	PADTONX	13:01:00	13:02:00	2A54	00:01:00
CR-103	ABWD	13:32:00	13:44:00	2A63	00:12:00
CR-103	PADTONX	14:11:30	14:12:30	5A63	00:01:00
CR-103	WSTBRNP	14:14:30	14:21:30	5T60	00:07:00
CR-103	PADTONX	14:23:30	14:24:30	2T60	00:01:00
CR-103	ABWD	14:54:30	15:06:30	2T69	00:12:00
CR-103	PADTONX	15:34:00	15:35:00	5T69	00:01:00
CR-103	WSTBRNP	15:37:00	15:44:00	5A76	00:07:00
CR-103	PADTONX	15:46:00	15:47:00	2A76	00:01:00
CR-103	ABWD	16:17:00	16:29:00	2A85	00:12:00
CR-103	PADTONX	16:56:30	16:57:30	5A85	00:01:00
CR-103	WSTBRNP	16:59:30	17:06:30	5T86	00:07:00
CR-103	PADTONX	17:08:30	17:09:30	2T86	00:01:00
CR-103	ABWD	17:39:30	17:51:30	2T91	00:12:00
CR-103	PADTONX	18:19:00	18:20:00	5D81	00:01:00
CR-103	WSTBRNP	18:21:00	18:21:00	5D81	00:00:00
CR-103	OOCXRBR	18:25:30	18:25:30	5D81	00:00:00



CR-103	OOCXRWP	18:33:00	18:33:00 5D81	00:00:00
CR-103	OOCXRSD	18:36:00	19:18:30 5A06	00:42:30
CR-103	OOCXRWP	19:21:30	19:21:30 5A06	00:00:00
CR-103	OOCXRBR	19:26:00	19:26:00 5A06	00:00:00
CR-103	WSTBRNP	19:30:00	19:30:00 5A06	00:00:00
CR-103	PADTONX	19:31:00	19:32:00 2A06	00:01:00
CR-103	ABWD	20:02:00	20:14:00 2A15	00:12:00
CR-103	PADTONX	20:41:30	20:42:30 5A15	00:01:00
CR-103	WSTBRNP	20:44:30	20:51:30 5T18	00:07:00
CR-103	PADTONX	20:53:30	20:54:30 2T18	00:01:00
CR-103	ABWD	21:24:30	21:36:30 2T11	00:12:00
CR-103	PADTONX	22:04:00	22:05:00 5D11	00:01:00
CR-103	WSTBRNP	22:06:00	22:06:00 5D11	00:00:00
CR-103	OOCXRBR	22:10:30	22:10:30 5D11	00:00:00
CR-103	OOCXRWP	22:18:00	22:18:00 5D11	00:00:00
CR-103	OOCXRSD	22:21:00		

Diagram CR-104		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-104	PLMSDXR			07:27:30 5A31	
CR-104	ABWD	07:37:00	07:44:00	2A31	00:07:00
CR-104	PADTONX	08:11:30	08:12:30	5A31	00:01:00
CR-104	WSTBRNP	08:14:30	08:24:00	5W42	00:09:30
CR-104	PADTONX	08:26:00	08:27:00	2W42	00:01:00
CR-104	ILFORD	08:53:30	08:54:00	2W42	00:00:30
CR-104	SHENFLD	09:18:30	09:26:00	2W39	00:07:30
CR-104	PADTONX	10:16:30	10:17:30	5W39	00:01:00
CR-104	WSTBRNP	10:19:30	10:29:00	5A34	00:09:30
CR-104	PADTONX	10:31:00	10:32:00	2A34	00:01:00
CR-104	ABWD	11:02:00	11:14:00	2A43	00:12:00
CR-104	PADTONX	11:41:30	11:42:30	5A43	00:01:00
CR-104	WSTBRNP	11:44:30	11:51:30	5T40	00:07:00
CR-104	PADTONX	11:53:30	11:54:30	2T40	00:01:00
CR-104	ABWD	12:24:30	12:36:30	2T49	00:12:00
CR-104	PADTONX	13:04:00	13:05:00	5T49	00:01:00
CR-104	WSTBRNP	13:07:00	13:14:00	5A56	00:07:00
CR-104	PADTONX	13:16:00	13:17:00	2A56	00:01:00
CR-104	ABWD	13:47:00	13:59:00	2A65	00:12:00
CR-104	PADTONX	14:26:30	14:27:30	5A65	00:01:00
CR-104	WSTBRNP	14:29:30	14:36:30	5T62	00:07:00
CR-104	PADTONX	14:38:30	14:39:30	2T62	00:01:00
CR-104	ABWD	15:09:30	15:21:30	2T71	00:12:00
CR-104	PADTONX	15:49:00	15:50:00	5D71	00:01:00
CR-104	WSTBRNP	15:51:00	15:51:00	5D71	00:00:00
CR-104	OOCXRBR	15:55:30	15:55:30	5D71	00:00:00
CR-104	OOCXRWP	16:03:00	16:03:00	5D71	00:00:00

CR-104	OOCXRS	16:06:00	16:48:30	5A86	00:42:30
CR-104	OOCXRWP	16:51:30	16:51:30	5A86	00:00:00
CR-104	OOCXRBR	16:56:00	16:56:00	5A86	00:00:00
CR-104	WSTBRNP	17:00:00	17:00:00	5A86	00:00:00
CR-104	PADTONX	17:01:00	17:02:00	2A86	00:01:00
CR-104	ABWD	17:32:00	17:44:00	2A95	00:12:00
CR-104	PADTONX	18:11:30	18:12:30	5A95	00:01:00
CR-104	WSTBRNP	18:14:30	18:21:30	5T96	00:07:00
CR-104	PADTONX	18:23:30	18:24:30	2T96	00:01:00
CR-104	ABWD	18:54:30	19:06:30	2T01	00:12:00
CR-104	PADTONX	19:34:00	19:35:00	5T01	00:01:00
CR-104	WSTBRNP	19:37:00	19:44:00	5A08	00:07:00
CR-104	PADTONX	19:46:00	19:47:00	2A08	00:01:00
CR-104	ABWD	20:17:00	20:29:00	2A17	00:12:00
CR-104	PADTONX	20:56:30	20:57:30	5A17	00:01:00
CR-104	WSTBRNP	20:59:30	21:06:30	5T20	00:07:00
CR-104	PADTONX	21:08:30	21:09:30	2T20	00:01:00
CR-104	ABWD	21:37:30	21:47:00	5T20	00:09:30
CR-104	PLUMSDG	21:56:00			

Diagram CR-105		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-105	SHENFDS		11:03:00	5A43	
CR-105	SHENFLD	11:05:00	11:06:00	2A43	00:01:00
CR-105	PADTONX	11:56:30	11:57:30	5A45	00:01:00
CR-105	WSTBRNP	11:59:30	12:06:30	5T42	00:07:00
CR-105	PADTONX	12:08:30	12:09:30	2T42	00:01:00
CR-105	ABWD	12:39:30	12:51:30	2T51	00:12:00
CR-105	PADTONX	13:19:00	13:20:00	5D51	00:01:00
CR-105	WSTBRNP	13:21:00	13:21:00	5D51	00:00:00
CR-105	OOCXRBR	13:25:30	13:25:30	5D51	00:00:00
CR-105	OOCXRWP	13:33:00	13:33:00	5D51	00:00:00
CR-105	OOCXRS	13:36:00	14:18:30	5A66	00:42:30
CR-105	OOCXRWP	14:21:30	14:21:30	5A66	00:00:00
CR-105	OOCXRBR	14:26:00	14:26:00	5A66	00:00:00
CR-105	WSTBRNP	14:30:00	14:30:00	5A66	00:00:00
CR-105	PADTONX	14:31:00	14:32:00	2A66	00:01:00
CR-105	ABWD	15:02:00	15:14:00	2A75	00:12:00
CR-105	PADTONX	15:41:30	15:42:30	5A75	00:01:00
CR-105	WSTBRNP	15:44:30	15:51:30	5T72	00:07:00
CR-105	PADTONX	15:53:30	15:54:30	2T72	00:01:00
CR-105	ABWD	16:24:30	16:36:30	2T81	00:12:00
CR-105	PADTONX	17:04:00	17:05:00	5T81	00:01:00
CR-105	WSTBRNP	17:07:00	17:14:00	5A88	00:07:00
CR-105	PADTONX	17:16:00	17:17:00	2A88	00:01:00
CR-105	ABWD	17:47:00	17:59:00	2A97	00:12:00

CR-105	PADTONX	18:26:30	18:27:30 5A97	00:01:00
CR-105	WSTBRNP	18:29:30	18:36:30 5T00	00:07:00
CR-105	PADTONX	18:38:30	18:39:30 2T00	00:01:00
CR-105	ABWD	19:09:30	19:21:30 2T03	00:12:00
CR-105	PADTONX	19:49:00	19:50:00 5D03	00:01:00
CR-105	WSTBRNP	19:51:00	19:51:00 5D03	00:00:00
CR-105	OOCXRBR	19:55:30	19:55:30 5D03	00:00:00
CR-105	OOCXRWP	20:03:00	20:03:00 5D03	00:00:00
CR-105	OOCXRSD	20:06:00	20:48:30 5A18	00:42:30
CR-105	OOCXRWP	20:51:30	20:51:30 5A18	00:00:00
CR-105	OOCXRBR	20:56:00	20:56:00 5A18	00:00:00
CR-105	WSTBRNP	21:00:00	21:00:00 5A18	00:00:00
CR-105	PADTONX	21:01:00	21:02:00 2A18	00:01:00
CR-105	ABWD	21:32:00	21:44:00 2A27	00:12:00
CR-105	PADTONX	22:11:30	22:12:30 5A27	00:01:00
CR-105	WSTBRNP	22:14:30	22:24:00 5W68	00:09:30
CR-105	PADTONX	22:26:00	22:27:00 2W68	00:01:00
CR-105	ILFORD	22:53:30	22:54:00 2W68	00:00:30
CR-105	SHENFLD	23:16:30	23:26:00 2W71	00:09:30
CR-105	PADTONX	00:16:30	00:17:30 5D71	00:01:00
CR-105	WSTBRNP	00:18:30	00:18:30 5D71	00:00:00
CR-105	OOCXRBR	00:23:00	00:23:00 5D71	00:00:00
CR-105	OOCXRWP	00:31:00	00:31:00 5D71	00:00:00
CR-105	OOCXRSD	00:34:00		

Diagram CR-106		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-106	OOCXRSD			11:48:30 5A46	
CR-106	OOCXRWP	11:51:30	11:51:30	5A46	00:00:00
CR-106	OOCXRBR	11:56:00	11:56:00	5A46	00:00:00
CR-106	WSTBRNP	12:00:00	12:00:00	5A46	00:00:00
CR-106	PADTONX	12:01:00	12:02:00	2A46	00:01:00
CR-106	ABWD	12:32:00	12:44:00	2A55	00:12:00
CR-106	PADTONX	13:11:30	13:12:30	5A55	00:01:00
CR-106	WSTBRNP	13:14:30	13:21:30	5T52	00:07:00
CR-106	PADTONX	13:23:30	13:24:30	2T52	00:01:00
CR-106	ABWD	13:54:30	14:06:30	2T61	00:12:00
CR-106	PADTONX	14:34:00	14:35:00	5T61	00:01:00
CR-106	WSTBRNP	14:37:00	14:44:00	5A68	00:07:00
CR-106	PADTONX	14:46:00	14:47:00	2A68	00:01:00
CR-106	ABWD	15:17:00	15:29:00	2A77	00:12:00
CR-106	PADTONX	15:56:30	15:57:30	5A77	00:01:00
CR-106	WSTBRNP	15:59:30	16:06:30	5T76	00:07:00
CR-106	PADTONX	16:08:30	16:09:30	2T76	00:01:00
CR-106	ABWD	16:39:30	16:51:30	2T83	00:12:00
CR-106	PADTONX	17:19:00	17:20:00	5D83	00:01:00

CR-106	WSTBRNP	17:21:00	17:21:00 5D83	00:00:00
CR-106	OOCXRBR	17:25:30	17:25:30 5D83	00:00:00
CR-106	OOCXRWP	17:33:00	17:33:00 5D83	00:00:00
CR-106	OOCXRSD	17:36:00	18:18:30 5A98	00:42:30
CR-106	OOCXRWP	18:21:30	18:21:30 5A98	00:00:00
CR-106	OOCXRBR	18:26:00	18:26:00 5A98	00:00:00
CR-106	WSTBRNP	18:30:00	18:30:00 5A98	00:00:00
CR-106	PADTONX	18:31:00	18:32:00 2A98	00:01:00
CR-106	ABWD	19:02:00	19:14:00 2A07	00:12:00
CR-106	PADTONX	19:41:30	19:42:30 5A07	00:01:00
CR-106	WSTBRNP	19:44:30	19:51:30 5T10	00:07:00
CR-106	PADTONX	19:53:30	19:54:30 2T10	00:01:00
CR-106	ABWD	20:24:30	20:36:30 2T57	00:12:00
CR-106	PADTONX	21:04:00	21:05:00 5T57	00:01:00
CR-106	WSTBRNP	21:07:00	21:14:00 5A20	00:07:00
CR-106	PADTONX	21:16:00	21:17:00 2A20	00:01:00
CR-106	ABWD	21:45:00	21:54:00 2B21	00:09:00
CR-106	PADTONX	22:21:30	22:22:30 5B21	00:01:00
CR-106	WSTBRNP	22:24:30	22:33:00 5B20	00:08:30
CR-106	PADTONX	22:35:00	22:36:00 2B20	00:01:00
CR-106	ILFORD	23:02:30	23:03:00 2B20	00:00:30
CR-106	SHENFLD	23:25:30	23:36:00 2A45	00:10:30
CR-106	PADTONX	00:26:30	00:27:30 5D45	00:01:00
CR-106	WSTBRNP	00:28:30	00:28:30 5D45	00:00:00
CR-106	OOCXRBR	00:33:00	00:33:00 5D45	00:00:00
CR-106	OOCXRWP	00:41:00	00:41:00 5D45	00:00:00
CR-106	OOCXRSD	00:44:00		

Diagram CR-107		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-107	OOCXRSD			12:18:30 5A50	
CR-107	OOCXRWP	12:21:30	12:21:30	5A50	00:00:00
CR-107	OOCXRBR	12:26:00	12:26:00	5A50	00:00:00
CR-107	WSTBRNP	12:30:00	12:30:00	5A50	00:00:00
CR-107	PADTONX	12:31:00	12:32:00	2A50	00:01:00
CR-107	ABWD	13:02:00	13:14:00	2A59	00:12:00
CR-107	PADTONX	13:41:30	13:42:30	5A59	00:01:00
CR-107	WSTBRNP	13:44:30	13:51:30	5T56	00:07:00
CR-107	PADTONX	13:53:30	13:54:30	2T56	00:01:00
CR-107	ABWD	14:24:30	14:36:30	2T65	00:12:00
CR-107	PADTONX	15:04:00	15:05:00	5T65	00:01:00
CR-107	WSTBRNP	15:07:00	15:14:00	5A72	00:07:00
CR-107	PADTONX	15:16:00	15:17:00	2A72	00:01:00
CR-107	ABWD	15:47:00	15:59:00	2A81	00:12:00
CR-107	PADTONX	16:26:30	16:27:30	5A81	00:01:00
CR-107	WSTBRNP	16:29:30	16:36:30	5T80	00:07:00



CR-107	PADTONX	16:38:30	16:39:30 2T80	00:01:00
CR-107	ABWD	17:09:30	17:21:30 2T87	00:12:00
CR-107	PADTONX	17:49:00	17:50:00 5D87	00:01:00
CR-107	WSTBRNP	17:51:00	17:51:00 5D87	00:00:00
CR-107	OOCXRBR	17:55:30	17:55:30 5D87	00:00:00
CR-107	OOCXRWP	18:03:00	18:03:00 5D87	00:00:00
CR-107	OOCXRSD	18:06:00	18:48:30 5A02	00:42:30
CR-107	OOCXRWP	18:51:30	18:51:30 5A02	00:00:00
CR-107	OOCXRBR	18:56:00	18:56:00 5A02	00:00:00
CR-107	WSTBRNP	19:00:00	19:00:00 5A02	00:00:00
CR-107	PADTONX	19:01:00	19:02:00 2A02	00:01:00
CR-107	ABWD	19:32:00	19:44:00 2A11	00:12:00
CR-107	PADTONX	20:11:30	20:12:30 5A11	00:01:00
CR-107	WSTBRNP	20:14:30	20:21:30 5T14	00:07:00
CR-107	PADTONX	20:23:30	20:24:30 2T14	00:01:00
CR-107	ABWD	20:54:30	21:06:30 2T61	00:12:00
CR-107	PADTONX	21:34:00	21:35:00 5T61	00:01:00
CR-107	WSTBRNP	21:37:00	21:44:00 5A24	00:07:00
CR-107	PADTONX	21:46:00	21:47:00 2A24	00:01:00
CR-107	ABWD	22:15:00	22:24:00 2B25	00:09:00
CR-107	PADTONX	22:51:30	22:52:30 5B25	00:01:00
CR-107	WSTBRNP	22:54:30	23:03:00 5B24	00:08:30
CR-107	PADTONX	23:05:00	23:06:00 2B24	00:01:00
CR-107	ILFORD	23:32:30	23:33:00 2B24	00:00:30
CR-107	SHENFLD	23:55:30	00:06:00 2L01	00:10:30
CR-107	LIVST	00:44:30	00:55:00 2W78	00:10:30
CR-107	ILFORD	01:10:30	01:11:00 2W78	00:00:30
CR-107	SHENFLD	01:33:30	01:41:00 5V78	00:07:30
CR-107	GIDEPKS	01:50:30		

## Diagram CR-108

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-108	PLMSDXR			07:37:30 5B15	
CR-108	ABWD	07:47:00	07:54:00 2B29		00:07:00
CR-108	PADTONX	08:21:30	08:22:30 5B29		00:01:00
CR-108	WSTBRNP	08:24:30	08:33:00 5B26		00:08:30
CR-108	PADTONX	08:35:00	08:36:00 2B26		00:01:00
CR-108	ILFORD	09:02:30	09:03:00 2B26		00:00:30
CR-108	SHENFLD	09:28:30	09:36:00 2A37		00:07:30
CR-108	PADTONX	10:26:30	10:27:30 5A37		00:01:00
CR-108	WSTBRNP	10:29:30	10:36:30 5T36		00:07:00
CR-108	PADTONX	10:38:30	10:39:30 2T36		00:01:00
CR-108	ABWD	11:09:30	11:24:00 2B51		00:14:30
CR-108	PADTONX	11:51:30	11:52:30 5B51		00:01:00
CR-108	WSTBRNP	11:54:30	12:03:00 5B36		00:08:30
CR-108	PADTONX	12:05:00	12:06:00 2B42		00:01:00

CR-108	ILFORD	12:32:30	12:33:00 2B42	00:00:30
CR-108	SHENFLD	12:57:30	13:09:30 2W71	00:12:00
CR-108	PADTONX	14:00:00	14:01:00 5D71	00:01:00
CR-108	WSTBRNP	14:02:00	14:02:00 5D71	00:00:00
CR-108	OOCXRBR	14:07:00	14:07:00 5D71	00:00:00
CR-108	OOCXRWP	14:14:30	14:14:30 5D71	00:00:00
CR-108	OOCXRSD	14:17:30	15:00:00 5W82	00:42:30
CR-108	OOCXRWP	15:03:00	15:03:00 5W82	00:00:00
CR-108	OOCXRBR	15:07:30	15:07:30 5W82	00:00:00
CR-108	WSTBRNP	15:11:30	15:11:30 5W82	00:00:00
CR-108	PADTONX	15:12:30	15:13:30 2W82	00:01:00
CR-108	ILFORD	15:40:00	15:40:30 2W82	00:00:30
CR-108	SHENFLD	16:04:30	16:17:00 2B79	00:12:30
CR-108	PADTONX	17:07:30	17:08:30 5B79	00:01:00
CR-108	WSTBRNP	17:10:30	17:18:00 5B78	00:07:30
CR-108	PADTONX	17:20:00	17:21:30 2B78	00:01:30
CR-108	ILFORD	17:48:00	17:48:30 2B78	00:00:30
CR-108	SHENFLD	18:12:30	18:24:30 2W43	00:12:00
CR-108	PADTONX	19:15:00	19:16:00 5W43	00:01:00
CR-108	WSTBRNP	19:18:00	19:25:30 5W46	00:07:30
CR-108	PADTONX	19:27:30	19:28:30 2W46	00:01:00
CR-108	ILFORD	19:55:00	19:55:30 2W46	00:00:30
CR-108	SHENFLD	20:20:00	20:32:00 2B13	00:12:00
CR-108	PADTONX	21:22:30	21:23:30 5B13	00:01:00
CR-108	WSTBRNP	21:25:30	21:33:00 5B12	00:07:30
CR-108	PADTONX	21:35:00	21:36:00 2B12	00:01:00
CR-108	ILFORD	22:02:30	22:03:00 2B12	00:00:30
CR-108	SHENFLD	22:29:00	22:30:00 5B12	00:01:00
CR-108	SHENFDS	22:32:00		

## Diagram CR-109

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-109	PLMSDXR			07:07:30 5B25	
CR-109	ABWD	07:17:00	07:24:00 2B25		00:07:00
CR-109	PADTONX	07:51:30	07:52:30 5B25		00:01:00
CR-109	WSTBRNP	07:54:30	08:02:00 5B20		00:07:30
CR-109	PADTONX	08:05:00	08:06:00 2B20		00:01:00
CR-109	ILFORD	08:32:30	08:33:00 2B20		00:00:30
CR-109	SHENFLD	08:58:30	09:06:00 2A35		00:07:30
CR-109	PADTONX	09:56:30	09:57:30 5A35		00:01:00
CR-109	WSTBRNP	09:59:30	10:09:00 5T32		00:09:30
CR-109	PADTONX	10:11:00	10:12:00 2T32		00:01:00
CR-109	ABWD	10:40:00	10:54:00 2B47		00:14:00
CR-109	PADTONX	11:21:30	11:22:30 5B47		00:01:00
CR-109	WSTBRNP	11:24:30	11:33:00 5B44		00:08:30
CR-109	PADTONX	11:35:00	11:36:00 2B44		00:01:00

CR-109	ILFORD	12:02:30	12:03:00 2B44	00:00:30
CR-109	SHENFLD	12:27:30	12:39:30 2W67	00:12:00
CR-109	PADTONX	13:30:00	13:31:00 5D67	00:01:00
CR-109	WSTBRNP	13:32:00	13:32:00 5D67	00:00:00
CR-109	OOCXRBR	13:37:00	13:37:00 5D67	00:00:00
CR-109	OOCXRWP	13:44:30	13:44:30 5D67	00:00:00
CR-109	OOCXRSD	13:47:30	14:30:00 5W78	00:42:30
CR-109	OOCXRWP	14:33:00	14:33:00 5W78	00:00:00
CR-109	OOCXRBR	14:37:30	14:37:30 5W78	00:00:00
CR-109	WSTBRNP	14:41:30	14:41:30 5W78	00:00:00
CR-109	PADTONX	14:42:30	14:43:30 2W78	00:01:00
CR-109	ILFORD	15:10:00	15:10:30 2W78	00:00:30
CR-109	SHENFLD	15:35:00	15:47:00 2B75	00:12:00
CR-109	PADTONX	16:37:30	16:38:30 5B75	00:01:00
CR-109	WSTBRNP	16:40:30	16:48:00 5B74	00:07:30
CR-109	PADTONX	16:50:00	16:51:30 2B74	00:01:30
CR-109	ILFORD	17:18:00	17:18:30 2B74	00:00:30
CR-109	SHENFLD	17:42:30	17:54:30 2W37	00:12:00
CR-109	PADTONX	18:45:00	18:46:00 5W37	00:01:00
CR-109	WSTBRNP	18:48:00	18:55:30 5W44	00:07:30
CR-109	PADTONX	18:57:30	18:58:30 2W42	00:01:00
CR-109	ILFORD	19:25:00	19:25:30 2W42	00:00:30
CR-109	SHENFLD	19:49:30	20:02:00 2B09	00:12:30
CR-109	PADTONX	20:52:30	20:53:30 5B09	00:01:00
CR-109	WSTBRNP	20:55:30	21:03:00 5B08	00:07:30
CR-109	PADTONX	21:05:00	21:06:00 2B08	00:01:00
CR-109	ILFORD	21:32:30	21:33:00 2B08	00:00:30
CR-109	SHENFLD	21:55:30	22:06:00 2A33	00:10:30
CR-109	PADTONX	22:56:30	22:57:30 5A33	00:01:00
CR-109	WSTBRNP	22:59:30	23:09:00 5T32	00:09:30
CR-109	PADTONX	23:11:00	23:12:00 2T32	00:01:00
CR-109	ABWD	23:40:00	23:54:00 2B37	00:14:00
CR-109	PADTONX	00:21:30	00:22:30 5D37	00:01:00
CR-109	WSTBRNP	00:23:30	00:23:30 5D37	00:00:00
CR-109	OOCXRBR	00:28:00	00:28:00 5D37	00:00:00
CR-109	OOCXRWP	00:36:00	00:36:00 5D37	00:00:00
CR-109	OOCXRSD	00:39:00		

Diagram CR-110			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-110	PLMSDXR			06:37:30 5B29	
CR-110	ABWD	06:47:00	06:54:00 2B29		00:07:00
CR-110	PADTONX	07:21:30	07:22:30 5B15		00:01:00
CR-110	WSTBRNP	07:24:30	07:33:00 5B12		00:08:30
CR-110	PADTONX	07:35:00	07:36:00 2B12		00:01:00
CR-110	ILFORD	08:02:30	08:03:00 2B12		00:00:30



CR-110	SHENFLD	08:27:30	08:36:00 2A33	00:08:30
CR-110	PADTONX	09:26:30	09:27:30 5A33	00:01:00
CR-110	WSTBRNP	09:29:30	09:37:00 5T28	00:07:30
CR-110	PADTONX	09:41:00	09:42:00 2T28	00:01:00
CR-110	ABWD	10:10:00	10:24:00 2B43	00:14:00
CR-110	PADTONX	10:51:30	10:52:30 5B53	00:01:00
CR-110	WSTBRNP	10:54:30	11:03:00 5B40	00:08:30
CR-110	PADTONX	11:05:00	11:06:00 2B40	00:01:00
CR-110	ILFORD	11:32:30	11:33:00 2B40	00:00:30
CR-110	SHENFLD	11:57:30	12:09:30 2W63	00:12:00
CR-110	PADTONX	13:00:00	13:01:00 5D63	00:01:00
CR-110	WSTBRNP	13:02:00	13:02:00 5D63	00:00:00
CR-110	OOCXRBR	13:06:30	13:06:30 5D63	00:00:00
CR-110	OOCXRWP	13:14:00	13:14:00 5D63	00:00:00
CR-110	OOCXRSD	13:17:00	14:00:00 5W74	00:43:00
CR-110	OOCXRWP	14:03:00	14:03:00 5W74	00:00:00
CR-110	OOCXRBR	14:07:30	14:07:30 5W74	00:00:00
CR-110	WSTBRNP	14:11:30	14:11:30 5W74	00:00:00
CR-110	PADTONX	14:12:30	14:13:30 2W74	00:01:00
CR-110	ILFORD	14:40:00	14:40:30 2W74	00:00:30
CR-110	SHENFLD	15:05:00	15:17:00 2B69	00:12:00
CR-110	PADTONX	16:07:30	16:08:30 5B69	00:01:00
CR-110	WSTBRNP	16:10:30	16:18:00 5B70	00:07:30
CR-110	PADTONX	16:20:00	16:21:30 2B70	00:01:30
CR-110	ILFORD	16:48:00	16:48:30 2B70	00:00:30
CR-110	SHENFLD	17:12:30	17:24:30 2W31	00:12:00
CR-110	PADTONX	18:15:00	18:16:00 5W31	00:01:00
CR-110	WSTBRNP	18:18:00	18:25:30 5W36	00:07:30
CR-110	PADTONX	18:27:30	18:28:30 2W36	00:01:00
CR-110	ILFORD	18:55:00	18:55:30 2W36	00:00:30
CR-110	SHENFLD	19:20:00	19:32:00 2B05	00:12:00
CR-110	PADTONX	20:22:30	20:23:30 5B05	00:01:00
CR-110	WSTBRNP	20:25:30	20:33:00 5B04	00:07:30
CR-110	PADTONX	20:35:00	20:36:00 2B04	00:01:00
CR-110	ILFORD	21:02:30	21:03:00 2B04	00:00:30
CR-110	SHENFLD	21:27:30	21:28:30 5B04	00:01:00
CR-110	SHENFDS	21:30:30	21:41:30 5B04	00:11:00
CR-110	ILFEMUD	22:12:30		

Diagram CR-111		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-111	ILFEMUD			06:20:30 5B33	
CR-111	SHENFLD	06:39:00		06:47:00 2B33	00:08:00
CR-111	PADTONX	07:37:30		07:38:30 5B33	00:01:00
CR-111	WSTBRNP	07:40:30		07:49:00 5B16	00:08:30
CR-111	PADTONX	07:51:00		07:52:00 2B16	00:01:00

CR-111	ABWD	08:20:00	08:34:00 2T15	00:14:00
CR-111	PADTONX	09:01:30	09:02:30 5T15	00:01:00
CR-111	WSTBRNP	09:04:30	09:14:00 5A36	00:09:30
CR-111	PADTONX	09:16:00	09:17:00 2A36	00:01:00
CR-111	ILFORD	09:43:30	09:44:00 2A36	00:00:30
CR-111	SHENFLD	10:08:30	10:16:00 2B37	00:07:30
CR-111	PADTONX	11:06:30	11:08:30 5B37	00:02:00
CR-111	WSTBRNP	11:10:30	11:18:00 5B42	00:07:30
CR-111	PADTONX	11:20:00	11:21:00 2B42	00:01:00
CR-111	ILFORD	11:47:30	11:48:00 2B42	00:00:30
CR-111	SHENFLD	12:12:30	12:24:30 2W65	00:12:00
CR-111	PADTONX	13:15:00	13:16:00 5W65	00:01:00
CR-111	WSTBRNP	13:18:00	13:25:30 5W68	00:07:30
CR-111	PADTONX	13:27:30	13:28:30 2W68	00:01:00
CR-111	ILFORD	13:55:00	13:55:30 2W68	00:00:30
CR-111	SHENFLD	14:20:00	14:32:00 2B63	00:12:00
CR-111	PADTONX	15:22:30	15:23:30 5B63	00:01:00
CR-111	WSTBRNP	15:25:30	15:33:00 5B64	00:07:30
CR-111	PADTONX	15:35:00	15:36:00 2B64	00:01:00
CR-111	ILFORD	16:02:30	16:03:00 2B64	00:00:30
CR-111	SHENFLD	16:27:30	16:39:30 2W13	00:12:00
CR-111	PADTONX	17:30:00	17:31:00 5D13	00:01:00
CR-111	WSTBRNP	17:32:00	17:32:00 5D13	00:00:00
CR-111	OOCXRBR	17:36:30	17:36:30 5D13	00:00:00
CR-111	OOCXRWP	17:44:00	17:44:00 5D13	00:00:00
CR-111	OOCXRSD	17:47:00	18:30:00 5W40	00:43:00
CR-111	OOCXRWP	18:33:00	18:33:00 5W40	00:00:00
CR-111	OOCXRBR	18:37:30	18:37:30 5W40	00:00:00
CR-111	WSTBRNP	18:41:30	18:41:30 5W40	00:00:00
CR-111	PADTONX	18:42:30	18:43:30 2W40	00:01:00
CR-111	ILFORD	19:10:00	19:10:30 2W40	00:00:30
CR-111	SHENFLD	19:35:00	19:47:00 2B07	00:12:00
CR-111	PADTONX	20:37:30	20:38:30 5B07	00:01:00
CR-111	WSTBRNP	20:40:30	20:48:00 5B06	00:07:30
CR-111	PADTONX	20:50:00	20:51:00 2B06	00:01:00
CR-111	ILFORD	21:17:30	21:18:00 2B06	00:00:30
CR-111	SHENFLD	21:40:30	21:56:00 2W65	00:15:30
CR-111	PADTONX	22:46:30	22:47:30 5W65	00:01:00
CR-111	WSTBRNP	22:49:30	22:59:00 5A34	00:09:30
CR-111	PADTONX	23:01:00	23:02:00 2A34	00:01:00
CR-111	ABWD	23:30:00	23:44:00 2A43	00:14:00
CR-111	PADTONX	00:11:30	00:12:30 5D43	00:01:00
CR-111	WSTBRNP	00:13:30	00:13:30 5D43	00:00:00
CR-111	OOCXRBR	00:18:30	00:18:30 5D43	00:00:00
CR-111	OOCXRWP	00:26:30	00:26:30 5D43	00:00:00
CR-111	OOCXRSD	00:29:30		

Diagram CR-112			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-112	ILFEMUD			06:46:30 5B37	
CR-112	SHENFLD	07:05:00	07:16:00	2B37	00:11:00
CR-112	PADTONX	08:06:30	08:08:30	5B21	00:02:00
CR-112	WSTBRNP	08:10:30	08:17:00	5B24	00:06:30
CR-112	PADTONX	08:21:00	08:22:00	2B24	00:01:00
CR-112	ABWD	08:50:00	09:04:00	2T19	00:14:00
CR-112	PADTONX	09:31:30	09:32:30	5T19	00:01:00
CR-112	WSTBRNP	09:34:30	09:44:00	5A40	00:09:30
CR-112	PADTONX	09:46:00	09:47:00	2A40	00:01:00
CR-112	ILFORD	10:13:30	10:14:00	2A40	00:00:30
CR-112	SHENFLD	10:38:30	10:46:00	2B33	00:07:30
CR-112	PADTONX	11:36:30	11:37:30	5B33	00:01:00
CR-112	WSTBRNP	11:39:30	11:48:00	5B40	00:08:30
CR-112	PADTONX	11:50:00	11:51:00	2B40	00:01:00
CR-112	ILFORD	12:17:30	12:18:00	2B40	00:00:30
CR-112	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
CR-112	PADTONX	13:45:00	13:46:00	5W69	00:01:00
CR-112	WSTBRNP	13:48:00	13:55:30	5W72	00:07:30
CR-112	PADTONX	13:57:30	13:58:30	2W72	00:01:00
CR-112	ILFORD	14:25:00	14:25:30	2W72	00:00:30
CR-112	SHENFLD	14:50:00	15:02:00	2B67	00:12:00
CR-112	PADTONX	15:52:30	15:53:30	5B67	00:01:00
CR-112	WSTBRNP	15:55:30	16:03:00	5B68	00:07:30
CR-112	PADTONX	16:05:00	16:06:00	2B68	00:01:00
CR-112	ILFORD	16:32:30	16:33:00	2B68	00:00:30
CR-112	SHENFLD	16:57:00	17:09:30	2W25	00:12:30
CR-112	PADTONX	18:00:00	18:01:00	5D25	00:01:00
CR-112	WSTBRNP	18:02:00	18:02:00	5D25	00:00:00
CR-112	OOCXRBR	18:06:30	18:06:30	5D25	00:00:00
CR-112	OOCXRWP	18:14:00	18:14:00	5D25	00:00:00
CR-112	OOCXRSD	18:17:00	19:00:00	5W44	00:43:00
CR-112	OOCXRWP	19:03:00	19:03:00	5W44	00:00:00
CR-112	OOCXRBR	19:07:30	19:07:30	5W44	00:00:00
CR-112	WSTBRNP	19:11:30	19:11:30	5W44	00:00:00
CR-112	PADTONX	19:12:30	19:13:30	2W44	00:01:00
CR-112	ILFORD	19:40:00	19:40:30	2W44	00:00:30
CR-112	SHENFLD	20:05:00	20:17:00	2B11	00:12:00
CR-112	PADTONX	21:07:30	21:08:30	5B11	00:01:00
CR-112	WSTBRNP	21:10:30	21:18:00	5B10	00:07:30
CR-112	PADTONX	21:20:00	21:21:00	2B10	00:01:00
CR-112	ILFORD	21:47:30	21:48:00	2B10	00:00:30
CR-112	SHENFLD	22:10:30	22:26:00	2W67	00:15:30
CR-112	PADTONX	23:16:30	23:17:30	5W67	00:01:00

CR-112	WSTBRNP	23:19:30	23:29:00 5A38	00:09:30
CR-112	PADTONX	23:31:00	23:32:00 2A38	00:01:00
CR-112	ABWD	00:00:30	00:07:00 5A38	00:06:30
CR-112	PLUMSDG	00:16:00		

## Diagram CR-113

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-113	SHENFDS		11:29:00	5B39	
CR-113	SHENFLD	11:31:00	11:32:00	2B39	00:01:00
CR-113	PADTONX	12:22:30	12:23:30	5B39	00:01:00
CR-113	WSTBRNP	12:25:30	12:33:00	5B40	00:07:30
CR-113	PADTONX	12:35:00	12:36:00	2B46	00:01:00
CR-113	ILFORD	13:02:30	13:03:00	2B46	00:00:30
CR-113	SHENFLD	13:27:30	13:39:30	2W75	00:12:00
CR-113	PADTONX	14:30:00	14:31:00	5D75	00:01:00
CR-113	WSTBRNP	14:32:00	14:32:00	5D75	00:00:00
CR-113	OOCXRBR	14:38:00	14:38:00	5D75	00:00:00
CR-113	OOCXRWP	14:45:30	14:45:30	5D75	00:00:00
CR-113	OOCXRSD	14:48:30	15:30:00	5W86	00:41:30
CR-113	OOCXRWP	15:33:00	15:33:00	5W86	00:00:00
CR-113	OOCXRBR	15:37:30	15:37:30	5W86	00:00:00
CR-113	WSTBRNP	15:41:30	15:41:30	5W86	00:00:00
CR-113	PADTONX	15:42:30	15:43:30	2W86	00:01:00
CR-113	ILFORD	16:10:00	16:10:30	2W86	00:00:30
CR-113	SHENFLD	16:35:00	16:47:00	2B83	00:12:00
CR-113	PADTONX	17:37:30	17:38:30	5B83	00:01:00
CR-113	WSTBRNP	17:40:30	17:49:00	5B82	00:08:30
CR-113	PADTONX	17:51:00	17:52:00	2B82	00:01:00
CR-113	ILFORD	18:18:30	18:19:00	2B82	00:00:30
CR-113	SHENFLD	18:42:30	18:54:30	2W47	00:12:00
CR-113	PADTONX	19:45:00	19:46:00	5W47	00:01:00
CR-113	WSTBRNP	19:48:00	19:55:30	5W50	00:07:30
CR-113	PADTONX	19:57:30	19:58:30	2W50	00:01:00
CR-113	ILFORD	20:25:00	20:25:30	2W50	00:00:30
CR-113	SHENFLD	20:49:30	21:02:00	2B17	00:12:30
CR-113	PADTONX	21:52:30	21:53:30	5B17	00:01:00
CR-113	WSTBRNP	21:55:30	22:03:00	5B16	00:07:30
CR-113	PADTONX	22:05:00	22:06:00	2B16	00:01:00
CR-113	ILFORD	22:32:30	22:33:00	2B16	00:00:30
CR-113	SHENFLD	22:55:30	23:06:00	2A41	00:10:30
CR-113	PADTONX	23:56:30	23:57:30	5D41	00:01:00
CR-113	WSTBRNP	23:58:30	23:58:30	5D41	00:00:00
CR-113	OOCXRBR	00:03:00	00:03:00	5D41	00:00:00
CR-113	OOCXRWP	00:10:30	00:10:30	5D41	00:00:00
CR-113	OOCXRSD	00:13:30			

## Diagram CR-114

Traction: 345



Diagram	Location	Arr	Dep	ID	T/A
CR-114	GIDEPKS			05:53:30 5L03	
CR-114	GIDEAPK	05:55:30	05:56:30	2L03	00:01:00
CR-114	LIVST	06:24:30	06:38:00	2W02	00:13:30
CR-114	ILFORD	06:53:30	06:54:00	2W02	00:00:30
CR-114	SHENFLD	07:18:30	07:26:00	2W31	00:07:30
CR-114	PADTONX	08:16:30	08:17:30	5W31	00:01:00
CR-114	WSTBRNP	08:19:30	08:29:00	5A26	00:09:30
CR-114	PADTONX	08:31:00	08:32:00	2A26	00:01:00
CR-114	ABWD	09:00:00	09:14:00	2A41	00:14:00
CR-114	PADTONX	09:41:30	09:42:30	5A41	00:01:00
CR-114	WSTBRNP	09:44:30	09:54:00	5W34	00:09:30
CR-114	PADTONX	09:56:00	09:57:00	2W34	00:01:00
CR-114	ILFORD	10:23:30	10:24:00	2W34	00:00:30
CR-114	SHENFLD	10:48:00	10:56:00	2B47	00:08:00
CR-114	PADTONX	11:46:30	11:47:30	5W47	00:01:00
CR-114	WSTBRNP	11:49:30	11:55:30	5W56	00:06:00
CR-114	PADTONX	11:57:30	11:58:30	2W56	00:01:00
CR-114	ILFORD	12:25:00	12:25:30	2W56	00:00:30
CR-114	SHENFLD	12:50:00	13:02:00	2B51	00:12:00
CR-114	PADTONX	13:52:30	13:53:30	5B51	00:01:00
CR-114	WSTBRNP	13:55:30	14:03:00	5B52	00:07:30
CR-114	PADTONX	14:05:00	14:06:00	2B52	00:01:00
CR-114	ILFORD	14:32:30	14:33:00	2B52	00:00:30
CR-114	SHENFLD	14:57:30	15:09:30	2W87	00:12:00
CR-114	PADTONX	16:00:00	16:01:00	5D87	00:01:00
CR-114	WSTBRNP	16:02:00	16:02:00	5D87	00:00:00
CR-114	OOCXRBR	16:07:00	16:07:00	5D87	00:00:00
CR-114	OOCXRWP	16:14:30	16:14:30	5D87	00:00:00
CR-114	OOCXRSD	16:17:30	17:00:00	5W10	00:42:30
CR-114	OOCXRWP	17:03:00	17:03:00	5W10	00:00:00
CR-114	OOCXRBR	17:07:30	17:07:30	5W10	00:00:00
CR-114	WSTBRNP	17:11:30	17:11:30	5W10	00:00:00
CR-114	PADTONX	17:12:30	17:13:30	2W10	00:01:00
CR-114	ILFORD	17:40:00	17:40:30	2W10	00:00:30
CR-114	SHENFLD	18:05:00	18:17:00	2B95	00:12:00
CR-114	PADTONX	19:07:30	19:08:30	5B95	00:01:00
CR-114	WSTBRNP	19:10:30	19:18:00	5B94	00:07:30
CR-114	PADTONX	19:20:00	19:21:00	2B94	00:01:00
CR-114	ILFORD	19:47:30	19:48:00	2B94	00:00:30
CR-114	SHENFLD	20:12:30	20:24:30	2W59	00:12:00
CR-114	PADTONX	21:15:00	21:16:00	5W59	00:01:00
CR-114	WSTBRNP	21:18:00	21:25:30	5W62	00:07:30
CR-114	PADTONX	21:27:30	21:28:30	2W62	00:01:00
CR-114	ILFORD	21:55:00	21:55:30	2W62	00:00:30
CR-114	SHENFLD	22:19:00	22:36:00	2A37	00:17:00

CR-114	PADTONX	23:26:30	23:27:30	5A37	00:01:00
CR-114	WSTBRNP	23:29:30	23:39:00	5T30	00:09:30
CR-114	PADTONX	23:41:00	23:42:00	2T30	00:01:00
CR-114	ABWD	00:10:00	00:17:00	5T30	00:07:00
CR-114	PLUMSDG	00:26:00			

Diagram CR-115		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-115	GIDEPKS			06:03:30	5L05
CR-115	GIDEAPK	06:05:30	06:06:30	2L05	00:01:00
CR-115	LIVST	06:34:30	06:48:00	2W04	00:13:30
CR-115	ILFORD	07:03:30	07:04:00	2W04	00:00:30
CR-115	SHENFLD	07:28:30	07:36:00	2A29	00:07:30
CR-115	PADTONX	08:26:30	08:27:30	5A29	00:01:00
CR-115	WSTBRNP	08:29:30	08:39:00	5T24	00:09:30
CR-115	PADTONX	08:41:00	08:42:00	2T24	00:01:00
CR-115	ABWD	09:10:00	09:24:00	2B35	00:14:00
CR-115	PADTONX	09:51:30	09:52:30	5B35	00:01:00
CR-115	WSTBRNP	09:54:30	10:02:00	5B38	00:07:30
CR-115	PADTONX	10:05:00	10:06:00	2B38	00:01:00
CR-115	ILFORD	10:32:30	10:33:00	2B38	00:00:30
CR-115	SHENFLD	10:58:30	11:09:30	2W55	00:11:00
CR-115	PADTONX	12:00:00	12:01:00	5D55	00:01:00
CR-115	WSTBRNP	12:02:00	12:02:00	5D55	00:00:00
CR-115	OOXRBR	12:07:00	12:07:00	5D55	00:00:00
CR-115	OOXRWP	12:14:30	12:14:30	5D55	00:00:00
CR-115	OOXRSD	12:17:30	13:00:00	5W66	00:42:30
CR-115	OOXRWP	13:03:00	13:03:00	5W66	00:00:00
CR-115	OOXRBR	13:07:30	13:07:30	5W66	00:00:00
CR-115	WSTBRNP	13:11:30	13:11:30	5W66	00:00:00
CR-115	PADTONX	13:12:30	13:13:30	2W66	00:01:00
CR-115	ILFORD	13:40:00	13:40:30	2W66	00:00:30
CR-115	SHENFLD	14:05:00	14:17:00	2B61	00:12:00
CR-115	PADTONX	15:07:30	15:08:30	5B61	00:01:00
CR-115	WSTBRNP	15:10:30	15:18:00	5B62	00:07:30
CR-115	PADTONX	15:20:00	15:21:00	2B62	00:01:00
CR-115	ILFORD	15:47:30	15:48:00	2B62	00:00:30
CR-115	SHENFLD	16:12:30	16:24:30	2W07	00:12:00
CR-115	PADTONX	17:15:00	17:16:00	5W07	00:01:00
CR-115	WSTBRNP	17:18:00	17:25:30	5W16	00:07:30
CR-115	PADTONX	17:27:30	17:28:30	2W16	00:01:00
CR-115	ILFORD	17:55:00	17:55:30	2W16	00:00:30
CR-115	SHENFLD	18:20:00	18:32:00	2B97	00:12:00
CR-115	PADTONX	19:22:30	19:23:30	5B97	00:01:00
CR-115	WSTBRNP	19:25:30	19:33:00	5B96	00:07:30
CR-115	PADTONX	19:35:00	19:36:00	2B96	00:01:00

CR-115	ILFORD	20:02:30	20:03:00	2B96	00:00:30
CR-115	SHENFLD	20:27:30	20:39:30	2W61	00:12:00
CR-115	PADTONX	21:30:00	21:31:00	5D61	00:01:00
CR-115	WSTBRNP	21:32:00	21:32:00	5D61	00:00:00
CR-115	OOCXRBR	21:36:30	21:36:30	5D61	00:00:00
CR-115	OOCXRWP	21:44:00	21:44:00	5D61	00:00:00
CR-115	OOCXRSD	21:47:00			

Diagram CR-116		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-116	GIDEPKS		06:13:30	5L07	
CR-116	GIDEAPK	06:15:30	06:16:30	2L07	00:01:00
CR-116	LIVST	06:44:30	06:58:00	2W05	00:13:30
CR-116	ILFORD	07:13:30	07:14:00	2W05	00:00:30
CR-116	SHENFLD	07:38:30	07:46:00	2B33	00:07:30
CR-116	PADTONX	08:36:30	08:38:30	5B23	00:02:00
CR-116	WSTBRNP	08:40:30	08:49:00	5B28	00:08:30
CR-116	PADTONX	08:51:00	08:52:00	2B28	00:01:00
CR-116	ABWD	09:20:00	09:34:00	2T19	00:14:00
CR-116	PADTONX	10:01:30	10:02:00	5T19	00:00:30
CR-116	WSTBRNP	10:04:00	10:14:00	5A44	00:10:00
CR-116	PADTONX	10:16:00	10:17:00	2A44	00:01:00
CR-116	ILFORD	10:43:30	10:44:00	2A44	00:00:30
CR-116	SHENFLD	11:08:30	11:17:00	2B37	00:08:30
CR-116	PADTONX	12:07:30	12:08:30	5B37	00:01:00
CR-116	WSTBRNP	12:10:30	12:18:00	5B38	00:07:30
CR-116	PADTONX	12:20:00	12:21:00	2B44	00:01:00
CR-116	ILFORD	12:47:30	12:48:00	2B44	00:00:30
CR-116	SHENFLD	13:12:30	13:24:30	2W73	00:12:00
CR-116	PADTONX	14:15:00	14:16:00	5W73	00:01:00
CR-116	WSTBRNP	14:18:00	14:25:30	5W76	00:07:30
CR-116	PADTONX	14:27:30	14:28:30	2W76	00:01:00
CR-116	ILFORD	14:55:00	14:55:30	2W76	00:00:30
CR-116	SHENFLD	15:19:30	15:32:00	2B71	00:12:30
CR-116	PADTONX	16:22:30	16:23:30	5B71	00:01:00
CR-116	WSTBRNP	16:25:30	16:33:00	5B72	00:07:30
CR-116	PADTONX	16:35:00	16:36:00	2B72	00:01:00
CR-116	ILFORD	17:02:30	17:03:00	2B72	00:00:30
CR-116	SHENFLD	17:27:30	17:39:30	2W35	00:12:00
CR-116	PADTONX	18:30:00	18:31:00	5D35	00:01:00
CR-116	WSTBRNP	18:32:00	18:32:00	5D35	00:00:00
CR-116	OOCXRBR	18:36:30	18:36:30	5D35	00:00:00
CR-116	OOCXRWP	18:44:00	18:44:00	5D35	00:00:00
CR-116	OOCXRSD	18:47:00	19:30:00	5W48	00:43:00
CR-116	OOCXRWP	19:33:00	19:33:00	5W48	00:00:00
CR-116	OOCXRBR	19:37:30	19:37:30	5W48	00:00:00



CR-116	WSTBRNP	19:41:30	19:41:30 5W48	00:00:00
CR-116	PADTONX	19:42:30	19:43:30 2W48	00:01:00
CR-116	ILFORD	20:10:00	20:10:30 2W48	00:00:30
CR-116	SHENFLD	20:35:00	20:47:00 2B15	00:12:00
CR-116	PADTONX	21:37:30	21:38:30 5B15	00:01:00
CR-116	WSTBRNP	21:40:30	21:48:00 5B14	00:07:30
CR-116	PADTONX	21:50:00	21:51:00 2B14	00:01:00
CR-116	ILFORD	22:17:30	22:18:00 2B14	00:00:30
CR-116	SHENFLD	22:40:30	22:52:30 5B14	00:12:00
CR-116	ILFEMUD	23:21:30		

Diagram CR-117		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-117	GIDEPKS			06:23:30 5L09	
CR-117	GIDEAPK	06:25:30		06:26:30 2L09	00:01:00
CR-117	LIVST	06:54:30		07:08:00 2W07	00:13:30
CR-117	ILFORD	07:23:30		07:24:00 2W07	00:00:30
CR-117	SHENFLD	07:48:30		07:56:00 2W43	00:07:30
CR-117	PADTONX	08:46:30		08:47:30 5W43	00:01:00
CR-117	WSTBRNP	08:49:30		08:57:00 5A30	00:07:30
CR-117	PADTONX	09:01:00		09:02:00 2A30	00:01:00
CR-117	ABWD	09:30:00		09:44:00 2A31	00:14:00
CR-117	PADTONX	10:11:30		10:12:30 5A31	00:01:00
CR-117	WSTBRNP	10:14:30		10:24:00 5W50	00:09:30
CR-117	PADTONX	10:26:00		10:27:00 2W50	00:01:00
CR-117	ILFORD	10:53:30		10:54:00 2W50	00:00:30
CR-117	SHENFLD	11:16:30		11:24:30 2W57	00:08:00
CR-117	PADTONX	12:15:00		12:16:00 5W57	00:01:00
CR-117	WSTBRNP	12:18:00		12:25:30 5W60	00:07:30
CR-117	PADTONX	12:27:30		12:28:30 2W60	00:01:00
CR-117	ILFORD	12:55:00		12:55:30 2W60	00:00:30
CR-117	SHENFLD	13:20:00		13:32:00 2B55	00:12:00
CR-117	PADTONX	14:22:30		14:23:30 5B55	00:01:00
CR-117	WSTBRNP	14:25:30		14:33:00 5B56	00:07:30
CR-117	PADTONX	14:35:00		14:36:00 2B56	00:01:00
CR-117	ILFORD	15:02:30		15:03:00 2B56	00:00:30
CR-117	SHENFLD	15:27:30		15:39:30 2W93	00:12:00
CR-117	PADTONX	16:30:00		16:31:00 5D93	00:01:00
CR-117	WSTBRNP	16:32:00		16:32:00 5D93	00:00:00
CR-117	OOCXRBR	16:36:30		16:36:30 5D93	00:00:00
CR-117	OOCXRWP	16:44:00		16:44:00 5D93	00:00:00
CR-117	OOCXRSD	16:47:00		17:30:00 5W22	00:43:00
CR-117	OOCXRWP	17:33:00		17:33:00 5W22	00:00:00
CR-117	OOCXRBR	17:37:30		17:37:30 5W22	00:00:00
CR-117	WSTBRNP	17:41:30		17:41:30 5W22	00:00:00
CR-117	PADTONX	17:42:30		17:43:30 2W22	00:01:00

CR-117	ILFORD	18:10:00	18:10:30 2W22	00:00:30
CR-117	SHENFLD	18:35:00	18:47:00 2B99	00:12:00
CR-117	PADTONX	19:37:30	19:38:30 5B99	00:01:00
CR-117	WSTBRNP	19:40:30	19:48:00 5B98	00:07:30
CR-117	PADTONX	19:50:00	19:51:00 2B98	00:01:00
CR-117	ILFORD	20:17:30	20:18:00 2B98	00:00:30
CR-117	SHENFLD	20:42:30	20:54:30 2P02	00:12:00
CR-117	PADTONX	21:45:00	21:46:00 5P02	00:01:00
CR-117	WSTBRNP	21:48:00	21:55:30 5W66	00:07:30
CR-117	PADTONX	21:57:30	21:58:30 2W66	00:01:00
CR-117	ILFORD	22:25:00	22:25:30 2W66	00:00:30
CR-117	SHENFLD	22:49:00	22:56:00 2W69	00:07:00
CR-117	PADTONX	23:46:30	23:47:30 5W69	00:01:00
CR-117	WSTBRNP	23:49:30	00:02:00 5B28	00:12:30
CR-117	PADTONX	00:05:00	00:06:00 2B28	00:01:00
CR-117	ILFORD	00:32:30	00:33:00 2B28	00:00:30
CR-117	SHENFLD	00:57:00	01:03:30 5B32	00:06:30
CR-117	GIDEPKS	01:13:00		

Diagram CR-118		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-118	GIDEPKS			06:33:30 5L11	
CR-118	GIDEAPK	06:35:30	06:36:30	2L11	00:01:00
CR-118	LIVST	07:04:30	07:18:00	2W09	00:13:30
CR-118	ILFORD	07:33:30	07:34:00	2W09	00:00:30
CR-118	SHENFLD	07:58:30	08:06:00	2A31	00:07:30
CR-118	PADTONX	08:56:30	08:57:30	5A31	00:01:00
CR-118	WSTBRNP	08:59:30	09:09:00	5T28	00:09:30
CR-118	PADTONX	09:11:00	09:12:00	2T28	00:01:00
CR-118	ABWD	09:40:00	09:54:00	2B39	00:14:00
CR-118	PADTONX	10:21:30	10:22:30	5B39	00:01:00
CR-118	WSTBRNP	10:24:30	10:33:00	5B42	00:08:30
CR-118	PADTONX	10:35:00	10:36:00	2B42	00:01:00
CR-118	ILFORD	11:02:30	11:03:00	2B42	00:00:30
CR-118	SHENFLD	11:27:30	11:39:30	2W59	00:12:00
CR-118	PADTONX	12:30:00	12:31:00	5D59	00:01:00
CR-118	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
CR-118	OOCXRBR	12:36:30	12:36:30	5D59	00:00:00
CR-118	OOCXRWP	12:44:00	12:44:00	5D59	00:00:00
CR-118	OOCXRSD	12:47:00	13:30:00	5W70	00:43:00
CR-118	OOCXRWP	13:33:00	13:33:00	5W70	00:00:00
CR-118	OOCXRBR	13:37:30	13:37:30	5W70	00:00:00
CR-118	WSTBRNP	13:41:30	13:41:30	5W70	00:00:00
CR-118	PADTONX	13:42:30	13:43:30	2W70	00:01:00
CR-118	ILFORD	14:10:00	14:10:30	2W70	00:00:30
CR-118	SHENFLD	14:35:00	14:47:00	2B65	00:12:00

CR-118	PADTONX	15:37:30	15:38:30 5B65	00:01:00
CR-118	WSTBRNP	15:40:30	15:48:00 5B66	00:07:30
CR-118	PADTONX	15:50:00	15:51:00 2B66	00:01:00
CR-118	ILFORD	16:17:30	16:18:00 2B66	00:00:30
CR-118	SHENFLD	16:42:30	16:54:30 2W19	00:12:00
CR-118	PADTONX	17:45:00	17:46:00 5W19	00:01:00
CR-118	WSTBRNP	17:48:00	17:55:30 5W28	00:07:30
CR-118	PADTONX	17:57:30	17:58:30 2W28	00:01:00
CR-118	ILFORD	18:25:00	18:25:30 2W28	00:00:30
CR-118	SHENFLD	18:49:30	19:02:00 2B01	00:12:30
CR-118	PADTONX	19:52:30	19:53:30 5B01	00:01:00
CR-118	WSTBRNP	19:55:30	20:03:00 5B00	00:07:30
CR-118	PADTONX	20:05:00	20:06:00 2B00	00:01:00
CR-118	ILFORD	20:32:30	20:33:00 2B00	00:00:30
CR-118	SHENFLD	20:57:30	21:09:30 2P04	00:12:00
CR-118	PADTONX	22:00:00	22:01:00 5D04	00:01:00
CR-118	WSTBRNP	22:02:00	22:02:00 5D04	00:00:00
CR-118	OOCXRBR	22:06:30	22:06:30 5D04	00:00:00
CR-118	OOCXRWP	22:14:00	22:14:00 5D04	00:00:00
CR-118	OOCXRSD	22:17:00		

Diagram CR-119			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-119	GIDEPKS		06:43:30	5L13	
CR-119	GIDEAPK	06:45:30	06:46:30	2L13	00:01:00
CR-119	LIVST	07:14:30	07:28:00	2W11	00:13:30
CR-119	ILFORD	07:43:30	07:44:00	2W11	00:00:30
CR-119	SHENFLD	08:08:30	08:16:00	2B37	00:07:30
CR-119	PADTONX	09:06:30	09:08:30	5B37	00:02:00
CR-119	WSTBRNP	09:10:30	09:19:00	5B32	00:08:30
CR-119	PADTONX	09:21:00	09:22:00	2B32	00:01:00
CR-119	ABWD	09:50:00	10:04:00	2T23	00:14:00
CR-119	PADTONX	10:31:30	10:32:30	5T23	00:01:00
CR-119	WSTBRNP	10:34:30	10:42:00	5A48	00:07:30
CR-119	PADTONX	10:46:00	10:47:00	2A48	00:01:00
CR-119	ILFORD	11:13:30	11:14:00	2A48	00:00:30
CR-119	SHENFLD	11:36:30	11:47:00	2B41	00:10:30
CR-119	PADTONX	12:37:30	12:38:30	5B41	00:01:00
CR-119	WSTBRNP	12:40:30	12:48:00	5B32	00:07:30
CR-119	PADTONX	12:50:00	12:51:00	2B42	00:01:00
CR-119	ILFORD	13:17:30	13:18:00	2B42	00:00:30
CR-119	SHENFLD	13:42:30	13:54:30	2W77	00:12:00
CR-119	PADTONX	14:45:00	14:46:00	5W77	00:01:00
CR-119	WSTBRNP	14:48:00	14:55:30	5W80	00:07:30
CR-119	PADTONX	14:57:30	14:58:30	2W80	00:01:00
CR-119	ILFORD	15:25:00	15:25:30	2W80	00:00:30

CR-119	SHENFLD	15:49:30	16:02:00 2B77	00:12:30
CR-119	PADTONX	16:52:30	16:53:30 5B77	00:01:00
CR-119	WSTBRNP	16:55:30	17:03:00 5B76	00:07:30
CR-119	PADTONX	17:05:00	17:06:00 2B76	00:01:00
CR-119	ILFORD	17:32:30	17:33:00 2B76	00:00:30
CR-119	SHENFLD	17:57:30	18:09:30 2W41	00:12:00
CR-119	PADTONX	19:00:00	19:01:00 5D41	00:01:00
CR-119	WSTBRNP	19:02:00	19:02:00 5D41	00:00:00
CR-119	OOCXRBR	19:06:30	19:06:30 5D41	00:00:00
CR-119	OOCXRWP	19:14:00	19:14:00 5D41	00:00:00
CR-119	OOCXRSD	19:17:00	19:59:00 5W52	00:42:00
CR-119	OOCXRWP	20:02:00	20:02:00 5W52	00:00:00
CR-119	OOCXRBR	20:06:30	20:06:30 5W52	00:00:00
CR-119	WSTBRNP	20:10:30	20:10:30 5W52	00:00:00
CR-119	PADTONX	20:11:30	20:13:30 2W52	00:02:00
CR-119	ILFORD	20:40:00	20:40:30 2W52	00:00:30
CR-119	SHENFLD	21:05:00	21:17:00 2B19	00:12:00
CR-119	PADTONX	22:07:30	22:08:30 5B19	00:01:00
CR-119	WSTBRNP	22:10:30	22:19:00 5B18	00:08:30
CR-119	PADTONX	22:21:00	22:22:00 2B18	00:01:00
CR-119	ABWD	22:50:00	23:04:00 2T17	00:14:00
CR-119	PADTONX	23:31:30	23:32:30 5T17	00:01:00
CR-119	WSTBRNP	23:34:30	23:44:00 5A40	00:09:30
CR-119	PADTONX	23:46:00	23:47:00 2A40	00:01:00
CR-119	ILFORD	00:13:30	00:14:00 2A40	00:00:30
CR-119	SHENFLD	00:36:30	00:43:30 5A40	00:07:00
CR-119	GIDEPKS	00:53:00		

Diagram CR-120		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-120	PLMSDXR		06:47:30	5T09	
CR-120	ABWD	06:57:00	07:04:00	2T09	00:07:00
CR-120	PADTONX	07:31:30	07:32:30	5T09	00:01:00
CR-120	WSTBRNP	07:34:30	07:44:00	5A24	00:09:30
CR-120	PADTONX	07:46:00	07:47:00	2A24	00:01:00
CR-120	ILFORD	08:13:30	08:14:00	2A24	00:00:30
CR-120	SHENFLD	08:38:30	08:46:00	2B35	00:07:30
CR-120	PADTONX	09:36:30	09:38:30	5B35	00:02:00
CR-120	WSTBRNP	09:40:30	09:49:00	5B36	00:08:30
CR-120	PADTONX	09:51:00	09:52:00	2B36	00:01:00
CR-120	ABWD	10:20:00	10:36:30	2T33	00:16:30
CR-120	PADTONX	11:04:00	11:05:00	5T33	00:01:00
CR-120	WSTBRNP	11:07:00	11:14:00	5A40	00:07:00
CR-120	PADTONX	11:16:00	11:17:00	2A40	00:01:00
CR-120	ABWD	11:47:00	11:59:00	2A49	00:12:00
CR-120	PADTONX	12:26:30	12:27:30	5A49	00:01:00



CR-120	WSTBRNP	12:29:30	12:36:30 5T46	00:07:00
CR-120	PADTONX	12:38:30	12:39:30 2T46	00:01:00
CR-120	ABWD	13:09:30	13:21:30 2T55	00:12:00
CR-120	PADTONX	13:49:00	13:50:00 5D55	00:01:00
CR-120	WSTBRNP	13:51:00	13:51:00 5D55	00:00:00
CR-120	OOCXRBR	13:55:30	13:55:30 5D55	00:00:00
CR-120	OOCXRWP	14:03:00	14:03:00 5D55	00:00:00
CR-120	OOCXRSD	14:06:00	14:48:30 5A70	00:42:30
CR-120	OOCXRWP	14:51:30	14:51:30 5A70	00:00:00
CR-120	OOCXRBR	14:56:00	14:56:00 5A70	00:00:00
CR-120	WSTBRNP	15:00:00	15:00:00 5A70	00:00:00
CR-120	PADTONX	15:01:00	15:02:00 2A70	00:01:00
CR-120	ABWD	15:32:00	15:44:00 2A79	00:12:00
CR-120	PADTONX	16:11:30	16:12:30 5A79	00:01:00
CR-120	WSTBRNP	16:14:30	16:21:30 5T78	00:07:00
CR-120	PADTONX	16:23:30	16:24:30 2T78	00:01:00
CR-120	ABWD	16:54:30	17:06:30 2T85	00:12:00
CR-120	PADTONX	17:34:00	17:35:00 5T85	00:01:00
CR-120	WSTBRNP	17:37:00	17:44:00 5A92	00:07:00
CR-120	PADTONX	17:46:00	17:47:00 2A92	00:01:00
CR-120	ABWD	18:17:00	18:29:00 2A01	00:12:00
CR-120	PADTONX	18:56:30	18:57:30 5A01	00:01:00
CR-120	WSTBRNP	18:59:30	19:06:30 5T04	00:07:00
CR-120	PADTONX	19:08:30	19:09:30 2T04	00:01:00
CR-120	ABWD	19:39:30	19:51:30 2T07	00:12:00
CR-120	PADTONX	20:19:00	20:20:00 5D07	00:01:00
CR-120	WSTBRNP	20:21:00	20:21:00 5D07	00:00:00
CR-120	OOCXRBR	20:25:30	20:25:30 5D07	00:00:00
CR-120	OOCXRWP	20:33:00	20:33:00 5D07	00:00:00
CR-120	OOCXRSD	20:36:00	21:18:30 5A22	00:42:30
CR-120	OOCXRWP	21:21:30	21:21:30 5A22	00:00:00
CR-120	OOCXRBR	21:26:00	21:26:00 5A22	00:00:00
CR-120	WSTBRNP	21:30:00	21:30:00 5A22	00:00:00
CR-120	PADTONX	21:31:00	21:32:00 2A22	00:01:00
CR-120	ABWD	22:00:00	22:14:00 2A31	00:14:00
CR-120	PADTONX	22:41:30	22:42:30 5A31	00:01:00
CR-120	WSTBRNP	22:44:30	22:52:00 5W70	00:07:30
CR-120	PADTONX	22:56:00	22:57:00 2W70	00:01:00
CR-120	ILFORD	23:23:30	23:24:00 2W70	00:00:30
CR-120	SHENFLD	23:46:30	23:56:00 2L99	00:09:30
CR-120	LIVST	00:34:30	00:39:30 2W74	00:05:00
CR-120	ILFORD	00:55:00	00:55:30 2W74	00:00:30
CR-120	SHENFLD	01:18:00	01:25:30 5W74	00:07:30
CR-120	GIDEPKS	01:35:00		

Diagram CR-121

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-121	PLMSDXR			06:57:30 5T09	
CR-121	ABWD	07:07:00	07:14:00	2A27	00:07:00
CR-121	PADTONX	07:41:30	07:42:30	5A27	00:01:00
CR-121	WSTBRNP	07:44:30	07:54:00	5W28	00:09:30
CR-121	PADTONX	07:56:00	07:57:00	2W28	00:01:00
CR-121	ILFORD	08:23:30	08:24:00	2W28	00:00:30
CR-121	SHENFLD	08:48:00	08:56:00	2W47	00:08:00
CR-121	PADTONX	09:46:30	09:47:30	5W47	00:01:00
CR-121	WSTBRNP	09:49:30	09:59:00	5A34	00:09:30
CR-121	PADTONX	10:01:00	10:02:00	2A34	00:01:00
CR-121	ABWD	10:30:00	10:44:00	2A39	00:14:00
CR-121	PADTONX	11:11:30	11:12:30	5A39	00:01:00
CR-121	WSTBRNP	11:14:30	11:21:30	5T36	00:07:00
CR-121	PADTONX	11:23:30	11:24:30	2T36	00:01:00
CR-121	ABWD	11:54:30	12:06:30	2T45	00:12:00
CR-121	PADTONX	12:34:00	12:35:00	5T45	00:01:00
CR-121	WSTBRNP	12:37:00	12:44:00	5A42	00:07:00
CR-121	PADTONX	12:46:00	12:47:00	2A52	00:01:00
CR-121	ABWD	13:17:00	13:29:00	2A61	00:12:00
CR-121	PADTONX	13:56:30	13:57:30	5A61	00:01:00
CR-121	WSTBRNP	13:59:30	14:06:30	5T58	00:07:00
CR-121	PADTONX	14:08:30	14:09:30	2T58	00:01:00
CR-121	ABWD	14:39:30	14:51:30	2T67	00:12:00
CR-121	PADTONX	15:19:00	15:20:00	5D67	00:01:00
CR-121	WSTBRNP	15:21:00	15:21:00	5D67	00:00:00
CR-121	OOCXRBR	15:25:30	15:25:30	5D67	00:00:00
CR-121	OOCXRWP	15:33:00	15:33:00	5D67	00:00:00
CR-121	OOCXRSD	15:36:00	16:20:00	5A82	00:44:00
CR-121	OOCXRWP	16:23:00	16:23:00	5A82	00:00:00
CR-121	OOCXRBR	16:27:30	16:27:30	5A82	00:00:00
CR-121	WSTBRNP	16:31:30	16:31:30	5A82	00:00:00
CR-121	PADTONX	16:32:30	16:33:30	2A82	00:01:00
CR-121	ABWD	17:02:00	17:14:00	2A91	00:12:00
CR-121	PADTONX	17:41:30	17:42:30	5A91	00:01:00
CR-121	WSTBRNP	17:44:30	17:51:30	5T92	00:07:00
CR-121	PADTONX	17:53:30	17:54:30	2T92	00:01:00
CR-121	ABWD	18:24:30	18:36:30	2T97	00:12:00
CR-121	PADTONX	19:04:00	19:05:00	5T97	00:01:00
CR-121	WSTBRNP	19:07:00	19:14:00	5A04	00:07:00
CR-121	PADTONX	19:16:00	19:17:00	2A04	00:01:00
CR-121	ABWD	19:47:00	19:59:00	2A13	00:12:00
CR-121	PADTONX	20:26:30	20:27:30	5A13	00:01:00
CR-121	WSTBRNP	20:29:30	20:36:30	5T16	00:07:00
CR-121	PADTONX	20:38:30	20:39:30	2T16	00:01:00
CR-121	ABWD	21:09:30	21:21:30	2T09	00:12:00

CR-121	PADTONX	21:49:00	21:50:00 5D09	00:01:00
CR-121	WSTBRNP	21:51:00	21:51:00 5D09	00:00:00
CR-121	OOCXRBR	21:55:30	21:55:30 5D09	00:00:00
CR-121	OOCXRWP	22:03:00	22:03:00 5D09	00:00:00
CR-121	OOCXRSD	22:06:00		

Diagram CR-122		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-122	OOCXRSD			04:46:00 5T10	
CR-122	OOCXRWP	04:49:00	04:49:00 5T10		00:00:00
CR-122	OOCXRBR	04:53:30	04:53:30 5T10		00:00:00
CR-122	PADTON	05:00:00	05:07:00 2T10		00:07:00
CR-122	HTRWTM4	05:36:00	05:58:00 2Y11		00:22:00
CR-122	PADTON	06:29:00	06:37:00 2T16		00:08:00
CR-122	HTRWTM4	07:06:00	07:28:00 2Y17		00:22:00
CR-122	PADTON	07:59:00	08:07:00 2T22		00:08:00
CR-122	HTRWTM4	08:36:00	08:58:00 2Y23		00:22:00
CR-122	PADTON	09:29:00	09:37:00 2T28		00:08:00
CR-122	HTRWTM4	10:06:00	10:28:00 2Y29		00:22:00
CR-122	PADTON	10:59:00	11:07:00 2T34		00:08:00
CR-122	HTRWTM4	11:36:00	11:58:00 2Y35		00:22:00
CR-122	PADTON	12:29:00	12:37:00 2T40		00:08:00
CR-122	HTRWTM4	13:06:00	13:28:00 2Y41		00:22:00
CR-122	PADTON	13:59:00	14:07:00 2T46		00:08:00
CR-122	HTRWTM4	14:36:00	14:58:00 2Y47		00:22:00
CR-122	PADTON	15:29:00	15:37:00 2T52		00:08:00
CR-122	HTRWTM4	16:06:00	16:28:00 2Y53		00:22:00
CR-122	PADTON	16:59:00	17:07:00 2T58		00:08:00
CR-122	HTRWTM4	17:36:00	17:58:00 2Y59		00:22:00
CR-122	PADTON	18:29:00	18:37:00 2T64		00:08:00
CR-122	HTRWTM4	19:06:00	19:28:00 2Y65		00:22:00
CR-122	PADTON	19:59:00	20:07:00 2T70		00:08:00
CR-122	HTRWTM4	20:36:00	20:58:00 2Y71		00:22:00
CR-122	PADTON	21:29:00	21:37:00 2T76		00:08:00
CR-122	HTRWTM4	22:06:00	22:28:00 2Y77		00:22:00
CR-122	PADTON	22:59:00	23:07:00 2T82		00:08:00
CR-122	HTRWTM4	23:36:00	23:58:00 2Y83		00:22:00
CR-122	PADTON	00:29:00	00:37:00 5Y83		00:08:00
CR-122	OOCXRBR	00:42:30	00:42:30 5Y83		00:00:00
CR-122	OOCXRWP	00:50:00	00:50:00 5Y83		00:00:00
CR-122	OOCXRSD	00:53:00			

Diagram CR-123		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-123	PLMSDXR			07:17:30 5T11	
CR-123	ABWD	07:27:00	07:34:00 2T11		00:07:00



CR-123	PADTONX	08:01:30	08:02:30 5T11	00:01:00
CR-123	WSTBRNP	08:04:30	08:14:00 5A28	00:09:30
CR-123	PADTONX	08:16:00	08:17:00 2A28	00:01:00
CR-123	ILFORD	08:43:30	08:44:00 2A28	00:00:30
CR-123	SHENFLD	09:08:30	09:16:00 2B39	00:07:30
CR-123	PADTONX	10:06:30	10:08:30 5B39	00:02:00
CR-123	WSTBRNP	10:10:30	10:17:00 5B40	00:06:30
CR-123	PADTONX	10:21:00	10:22:00 2B40	00:01:00
CR-123	ABWD	10:50:00	11:06:30 2T37	00:16:30
CR-123	PADTONX	11:34:00	11:35:00 5T37	00:01:00
CR-123	WSTBRNP	11:37:00	11:44:00 5A44	00:07:00
CR-123	PADTONX	11:46:00	11:47:00 2A44	00:01:00
CR-123	ABWD	12:17:00	12:29:00 2A53	00:12:00
CR-123	PADTONX	12:56:30	12:57:30 5A53	00:01:00
CR-123	WSTBRNP	12:59:30	13:06:30 5T40	00:07:00
CR-123	PADTONX	13:08:30	13:09:30 2T50	00:01:00
CR-123	ABWD	13:39:30	13:51:30 2T59	00:12:00
CR-123	PADTONX	14:19:00	14:20:00 5D59	00:01:00
CR-123	WSTBRNP	14:21:00	14:21:00 5D59	00:00:00
CR-123	OOCXRBR	14:25:30	14:25:30 5D59	00:00:00
<b>CR-123</b>	<b>OOCXRWP</b>	<b>14:33:00</b>	<b>14:33:00 5D59</b>	<b>00:00:00</b>
CR-123	OOCXRSD	14:36:00	15:18:30 5A74	00:42:30
CR-123	OOCXRWP	15:21:30	15:21:30 5A74	00:00:00
CR-123	OOCXRBR	15:26:00	15:26:00 5A74	00:00:00
CR-123	WSTBRNP	15:30:00	15:30:00 5A74	00:00:00
CR-123	PADTONX	15:31:00	15:32:00 2A74	00:01:00
CR-123	ABWD	16:02:00	16:14:00 2A83	00:12:00
CR-123	PADTONX	16:41:30	16:42:30 5A83	00:01:00
CR-123	WSTBRNP	16:44:30	16:51:30 5T84	00:07:00
CR-123	PADTONX	16:53:30	16:54:30 2T84	00:01:00
CR-123	ABWD	17:24:30	17:36:30 2T89	00:12:00
CR-123	PADTONX	18:04:00	18:05:00 5T89	00:01:00
CR-123	WSTBRNP	18:07:00	18:14:00 5A96	00:07:00
CR-123	PADTONX	18:16:00	18:17:00 2A96	00:01:00
CR-123	ABWD	18:47:00	18:59:00 2A05	00:12:00
CR-123	PADTONX	19:26:30	19:27:30 5A05	00:01:00
CR-123	WSTBRNP	19:29:30	19:36:30 5T06	00:07:00
CR-123	PADTONX	19:38:30	19:39:30 2T08	00:01:00
CR-123	ABWD	20:09:30	20:21:30 2T55	00:12:00
CR-123	PADTONX	20:49:00	20:50:00 5D55	00:01:00
CR-123	WSTBRNP	20:51:00	20:51:00 5D55	00:00:00
CR-123	OOCXRBR	20:55:30	20:55:30 5D55	00:00:00
<b>CR-123</b>	<b>OOCXRWP</b>	<b>21:03:00</b>	<b>21:03:00 5D55</b>	<b>00:00:00</b>
CR-123	OOCXRSD	21:06:00	21:48:30 5A26	00:42:30
CR-123	OOCXRWP	21:51:30	21:51:30 5A26	00:00:00
CR-123	OOCXRBR	21:56:00	21:56:00 5A26	00:00:00

CR-123	WSTBRNP	22:00:00	22:00:00	5A26	00:00:00
CR-123	PADTONX	22:01:00	22:02:00	2A26	00:01:00
CR-123	ABWD	22:30:00	22:44:00	2A35	00:14:00
CR-123	PADTONX	23:11:30	23:12:30	5A35	00:01:00
CR-123	WSTBRNP	23:14:30	23:24:00	5W27	00:09:30
CR-123	PADTONX	23:26:00	23:27:00	2W72	00:01:00
CR-123	ILFORD	23:53:30	23:54:00	2W72	00:00:30
CR-123	SHENFLD	00:16:30	00:23:30	5W68	00:07:00
CR-123	GIDEPKS	00:33:00			

Diagram CR-124			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-124	OOCXRSD			04:59:00	5T11
CR-124	OOCXRWP	05:02:00	05:02:00	5T11	00:00:00
CR-124	OOCXRBR	05:06:30	05:06:30	5T11	00:00:00
CR-124	PADTON	05:13:00	05:22:00	2T11	00:09:00
CR-124	HTRWTM4	05:51:00	06:13:00	2Y12	00:22:00
CR-124	PADTON	06:44:00	06:52:00	2T17	00:08:00
CR-124	HTRWTM4	07:21:00	07:43:00	2Y18	00:22:00
CR-124	PADTON	08:14:00	08:22:00	2T23	00:08:00
CR-124	HTRWTM4	08:51:00	09:13:00	2Y24	00:22:00
CR-124	PADTON	09:44:00	09:52:00	2T29	00:08:00
CR-124	HTRWTM4	10:21:00	10:43:00	2Y30	00:22:00
CR-124	PADTON	11:14:00	11:22:00	2T35	00:08:00
CR-124	HTRWTM4	11:51:00	12:13:00	2Y36	00:22:00
CR-124	PADTON	12:44:00	12:52:00	2T41	00:08:00
CR-124	HTRWTM4	13:21:00	13:43:00	2Y42	00:22:00
CR-124	PADTON	14:14:00	14:22:00	2T47	00:08:00
CR-124	HTRWTM4	14:51:00	15:13:00	2Y48	00:22:00
CR-124	PADTON	15:44:00	15:52:00	2T53	00:08:00
CR-124	HTRWTM4	16:21:00	16:43:00	2Y54	00:22:00
CR-124	PADTON	17:14:00	17:22:00	2T59	00:08:00
CR-124	HTRWTM4	17:51:00	18:13:00	2Y60	00:22:00
CR-124	PADTON	18:44:00	18:52:00	2T65	00:08:00
CR-124	HTRWTM4	19:21:00	19:43:00	2Y66	00:22:00
CR-124	PADTON	20:14:00	20:22:00	2T71	00:08:00
CR-124	HTRWTM4	20:51:00	21:13:00	2Y72	00:22:00
CR-124	PADTON	21:44:00	21:52:00	2T77	00:08:00
CR-124	HTRWTM4	22:21:00	22:43:00	2Y78	00:22:00
CR-124	PADTON	23:14:00	23:21:00	5Y78	00:07:00
CR-124	OOCXRBR	23:26:30	23:26:30	5Y78	00:00:00
CR-124	OOCXRWP	23:34:00	23:34:00	5Y78	00:00:00
CR-124	OOCXRSD	23:37:00			

Diagram CR-125			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A

CR-125	OOCXRSD		05:14:00 5T12	
CR-125	OOCXRWP	05:17:00	05:17:00 5T12	00:00:00
CR-125	OOCXRBR	05:21:30	05:21:30 5T12	00:00:00
CR-125	PADTON	05:28:00	05:37:00 2T12	00:09:00
CR-125	HTRWTM4	06:06:00	06:28:00 2Y13	00:22:00
CR-125	PADTON	06:59:00	07:07:00 2T18	00:08:00
CR-125	HTRWTM4	07:36:00	07:58:00 2Y19	00:22:00
CR-125	PADTON	08:29:00	08:37:00 2T24	00:08:00
CR-125	HTRWTM4	09:06:00	09:28:00 2Y25	00:22:00
CR-125	PADTON	09:59:00	10:07:00 2T30	00:08:00
CR-125	HTRWTM4	10:36:00	10:58:00 2Y31	00:22:00
CR-125	PADTON	11:29:00	11:37:00 2T36	00:08:00
CR-125	HTRWTM4	12:06:00	12:28:00 2Y37	00:22:00
CR-125	PADTON	12:59:00	13:07:00 2T42	00:08:00
CR-125	HTRWTM4	13:36:00	13:58:00 2Y43	00:22:00
CR-125	PADTON	14:29:00	14:37:00 2T48	00:08:00
CR-125	HTRWTM4	15:06:00	15:28:00 2Y49	00:22:00
CR-125	PADTON	15:59:00	16:07:00 2T54	00:08:00
CR-125	HTRWTM4	16:36:00	16:58:00 2Y55	00:22:00
CR-125	PADTON	17:29:00	17:37:00 2T60	00:08:00
CR-125	HTRWTM4	18:06:00	18:28:00 2Y61	00:22:00
CR-125	PADTON	18:59:00	19:07:00 2T66	00:08:00
CR-125	HTRWTM4	19:36:00	19:58:00 2Y67	00:22:00
CR-125	PADTON	20:29:00	20:37:00 2T72	00:08:00
CR-125	HTRWTM4	21:06:00	21:28:00 2Y73	00:22:00
CR-125	PADTON	21:59:00	22:07:00 2T78	00:08:00
CR-125	HTRWTM4	22:36:00	22:58:00 2Y79	00:22:00
CR-125	PADTON	23:29:00	23:36:00 5Y79	00:07:00
CR-125	OOCXRBR	23:41:30	23:41:30 5Y79	00:00:00
CR-125	OOCXRWP	23:49:00	23:49:00 5Y79	00:00:00
CR-125	OOCXRSD	23:52:00		

Diagram CR-126			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-126	OOCXRSD		05:28:30 5T13		
CR-126	OOCXRWP	05:31:30	05:31:30 5T13		00:00:00
CR-126	OOCXRBR	05:36:00	05:36:00 5T13		00:00:00
CR-126	PADTON	05:42:30	05:52:00 2T13		00:09:30
CR-126	HTRWTM4	06:21:00	06:43:00 2Y14		00:22:00
CR-126	PADTON	07:14:00	07:22:00 2T19		00:08:00
CR-126	HTRWTM4	07:51:00	08:13:00 2Y20		00:22:00
CR-126	PADTON	08:44:00	08:52:00 2T25		00:08:00
CR-126	HTRWTM4	09:21:00	09:43:00 2Y26		00:22:00
CR-126	PADTON	10:14:00	10:22:00 2T31		00:08:00
CR-126	HTRWTM4	10:51:00	11:13:00 2Y32		00:22:00
CR-126	PADTON	11:44:00	11:52:00 2T37		00:08:00

CR-126	HTRWTM4	12:21:00	12:43:00 2Y38	00:22:00
CR-126	PADTON	13:14:00	13:22:00 2T43	00:08:00
CR-126	HTRWTM4	13:51:00	14:13:00 2Y44	00:22:00
CR-126	PADTON	14:44:00	14:52:00 2T49	00:08:00
CR-126	HTRWTM4	15:21:00	15:43:00 2Y50	00:22:00
CR-126	PADTON	16:14:00	16:22:00 2T55	00:08:00
CR-126	HTRWTM4	16:51:00	17:13:00 2Y56	00:22:00
CR-126	PADTON	17:44:00	17:52:00 2T61	00:08:00
CR-126	HTRWTM4	18:21:00	18:43:00 2Y62	00:22:00
CR-126	PADTON	19:14:00	19:22:00 2T67	00:08:00
CR-126	HTRWTM4	19:51:00	20:13:00 2Y68	00:22:00
CR-126	PADTON	20:44:00	20:52:00 2T73	00:08:00
CR-126	HTRWTM4	21:21:00	21:43:00 2Y74	00:22:00
CR-126	PADTON	22:14:00	22:22:00 2T79	00:08:00
CR-126	HTRWTM4	22:51:00	23:13:00 2Y80	00:22:00
CR-126	PADTON	23:44:00	23:51:00 5Y80	00:07:00
CR-126	OOCXRBR	23:56:30	23:56:30 5Y80	00:00:00
CR-126	OOCXRWP	00:05:00	00:05:00 5Y80	00:00:00
CR-126	OOCXRSD	00:08:00		

Diagram CR-127		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-127	OOCXRSD		07:08:30	5T16	
CR-127	OOCXRWP	07:11:30	07:11:30	5T16	00:00:00
CR-127	OOCXRBR	07:16:00	07:16:00	5T16	00:00:00
CR-127	WSTBRNP	07:20:00	07:20:00	5T16	00:00:00
CR-127	PADTONX	07:21:00	07:22:00	2T16	00:01:00
CR-127	ABWD	07:50:00	08:04:00	2T15	00:14:00
CR-127	PADTONX	08:31:30	08:32:30	5T15	00:01:00
CR-127	WSTBRNP	08:34:30	08:42:00	5A32	00:07:30
CR-127	PADTONX	08:46:00	08:47:00	2A32	00:01:00
CR-127	ILFORD	09:13:30	09:14:00	2A32	00:00:30
CR-127	SHENFLD	09:38:30	09:46:00	2B33	00:07:30
CR-127	PADTONX	10:36:30	10:37:30	5B33	00:01:00
CR-127	WSTBRNP	10:39:30	10:49:00	5B44	00:09:30
CR-127	PADTONX	10:51:00	10:52:00	2B44	00:01:00
CR-127	ABWD	11:20:00	11:36:30	2T41	00:16:30
CR-127	PADTONX	12:04:00	12:05:00	5T41	00:01:00
CR-127	WSTBRNP	12:07:00	12:14:00	5A48	00:07:00
CR-127	PADTONX	12:16:00	12:17:00	2A48	00:01:00
CR-127	ABWD	12:47:00	12:59:00	2A57	00:12:00
CR-127	PADTONX	13:26:30	13:27:30	5A57	00:01:00
CR-127	WSTBRNP	13:29:30	13:36:30	5T54	00:07:00
CR-127	PADTONX	13:38:30	13:39:30	2T54	00:01:00
CR-127	ABWD	14:09:30	14:21:30	2T63	00:12:00
CR-127	PADTONX	14:49:00	14:50:00	5D63	00:01:00



CR-127	WSTBRNP	14:51:00	14:51:00 5D63	00:00:00
CR-127	OOCXRBR	14:55:30	14:55:30 5D63	00:00:00
CR-127	OOCXRWP	15:03:00	15:03:00 5D63	00:00:00
CR-127	OOCXRSD	15:06:00	15:48:30 5A78	00:42:30
CR-127	OOCXRWP	15:51:30	15:51:30 5A78	00:00:00
CR-127	OOCXRBR	15:56:00	15:56:00 5A78	00:00:00
CR-127	WSTBRNP	16:00:00	16:00:00 5A78	00:00:00
CR-127	PADTONX	16:01:00	16:02:00 2A78	00:01:00
CR-127	ABWD	16:32:00	16:44:00 2A87	00:12:00
CR-127	PADTONX	17:11:30	17:12:30 5A87	00:01:00
CR-127	WSTBRNP	17:14:30	17:21:30 5T88	00:07:00
CR-127	PADTONX	17:23:30	17:24:30 2T88	00:01:00
CR-127	ABWD	17:54:30	18:06:30 2T93	00:12:00
CR-127	PADTONX	18:34:00	18:35:00 5T93	00:01:00
CR-127	WSTBRNP	18:37:00	18:44:00 5A00	00:07:00
CR-127	PADTONX	18:46:00	18:48:30 2A00	00:02:30
CR-127	ABWD	19:17:00	19:29:00 2A09	00:12:00
CR-127	PADTONX	19:56:30	19:57:30 5A09	00:01:00
CR-127	WSTBRNP	19:59:30	20:06:30 5T12	00:07:00
CR-127	PADTONX	20:08:30	20:09:30 2T12	00:01:00
CR-127	ABWD	20:39:30	20:51:30 2T59	00:12:00
CR-127	PADTONX	21:19:00	21:20:00 5D59	00:01:00
CR-127	WSTBRNP	21:21:00	21:21:00 5D59	00:00:00
CR-127	OOCXRBR	21:25:30	21:25:30 5D59	00:00:00
CR-127	OOCXRWP	21:33:00	21:33:00 5D59	00:00:00
CR-127	OOCXRSD	21:36:00		

Diagram CR-128			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-128	OOCXRSD			07:28:30 5T20	
CR-128	OOCXRWP	07:31:30	07:31:30	5T20	00:00:00
CR-128	OOCXRBR	07:36:00	07:36:00	5T20	00:00:00
CR-128	WSTBRNP	07:40:00	07:40:00	5T20	00:00:00
CR-128	PADTONX	07:41:00	07:42:00	2T20	00:01:00
CR-128	ABWD	08:10:00	08:24:00	2B33	00:14:00
CR-128	PADTONX	08:51:30	08:52:30	5B33	00:01:00
CR-128	WSTBRNP	08:54:30	09:03:00	5B35	00:08:30
CR-128	PADTONX	09:05:00	09:06:00	2B36	00:01:00
CR-128	ILFORD	09:32:30	09:33:00	2B36	00:00:30
CR-128	SHENFLD	09:58:30	10:06:00	2A39	00:07:30
CR-128	PADTONX	10:56:30	10:57:30	5A39	00:01:00
CR-128	WSTBRNP	10:59:30	11:06:30	5T34	00:07:00
CR-128	PADTONX	11:08:30	11:09:30	2T34	00:01:00
CR-128	ABWD	11:39:30	11:51:30	2T43	00:12:00
CR-128	PADTONX	12:19:00	12:20:00	5D43	00:01:00
CR-128	WSTBRNP	12:21:00	12:21:00	5D43	00:00:00

CR-128	OOCXRBR	12:25:30	12:25:30 5D43	00:00:00
CR-128	OOCXRWP	12:33:00	12:33:00 5D43	00:00:00
CR-128	OOCXRSD	12:36:00	13:18:30 5A58	00:42:30
CR-128	OOCXRWP	13:21:30	13:21:30 5A58	00:00:00
CR-128	OOCXRBR	13:26:00	13:26:00 5A58	00:00:00
CR-128	WSTBRNP	13:30:00	13:30:00 5A58	00:00:00
CR-128	PADTONX	13:31:00	13:32:00 2A58	00:01:00
CR-128	ABWD	14:02:00	14:14:00 2A67	00:12:00
CR-128	PADTONX	14:41:30	14:42:30 5A67	00:01:00
CR-128	WSTBRNP	14:44:30	14:51:30 5T64	00:07:00
CR-128	PADTONX	14:53:30	14:54:30 2T64	00:01:00
CR-128	ABWD	15:24:30	15:36:30 2T73	00:12:00
CR-128	PADTONX	16:04:00	16:05:00 5T73	00:01:00
CR-128	WSTBRNP	16:07:00	16:14:00 5A80	00:07:00
CR-128	PADTONX	16:16:00	16:18:30 2A80	00:02:30
CR-128	ABWD	16:47:00	16:59:00 2A89	00:12:00
CR-128	PADTONX	17:26:30	17:27:30 5A89	00:01:00
CR-128	WSTBRNP	17:29:30	17:36:30 5T90	00:07:00
CR-128	PADTONX	17:38:30	17:39:30 2T90	00:01:00
CR-128	ABWD	18:09:30	18:21:30 2T95	00:12:00
CR-128	PADTONX	18:49:00	18:50:00 5D95	00:01:00
CR-128	WSTBRNP	18:51:00	18:51:00 5D95	00:00:00
CR-128	OOCXRBR	18:55:30	18:55:30 5D95	00:00:00
CR-128	OOCXRWP	19:03:00	19:03:00 5D95	00:00:00
CR-128	OOCXRSD	19:06:00	19:48:30 5A10	00:42:30
CR-128	OOCXRWP	19:51:30	19:51:30 5A10	00:00:00
CR-128	OOCXRBR	19:56:00	19:56:00 5A10	00:00:00
CR-128	WSTBRNP	20:00:00	20:00:00 5A10	00:00:00
CR-128	PADTONX	20:01:00	20:02:00 2A10	00:01:00
CR-128	ABWD	20:32:00	20:44:00 2A19	00:12:00
CR-128	PADTONX	21:11:30	21:12:30 5A19	00:01:00
CR-128	WSTBRNP	21:14:30	21:21:30 5T22	00:07:00
CR-128	PADTONX	21:23:30	21:24:30 2T22	00:01:00
CR-128	ABWD	21:52:30	22:04:00 2T13	00:11:30
CR-128	PADTONX	22:31:30	22:32:30 5T13	00:01:00
CR-128	WSTBRNP	22:34:30	22:44:00 5A32	00:09:30
CR-128	PADTONX	22:46:00	22:47:00 2A32	00:01:00
CR-128	ILFORD	23:13:30	23:14:00 2A32	00:00:30
CR-128	SHENFLD	23:39:00	23:46:00 2B39	00:07:00
CR-128	PADTONX	00:36:30	00:37:30 5D39	00:01:00
CR-128	WSTBRNP	00:38:30	00:38:30 5D39	00:00:00
CR-128	OOCXRBR	00:43:00	00:43:00 5D39	00:00:00
CR-128	OOCXRWP	00:51:00	00:51:00 5D39	00:00:00
CR-128	OOCXRSD	00:54:00		

Diagram CR-129

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-129	OOCXRSD			11:26:00 5T38	
CR-129	OOCXRWP	11:29:00	11:29:00	5T38	00:00:00
CR-129	OOCXRBR	11:33:30	11:33:30	5T38	00:00:00
CR-129	WSTBRNP	11:37:30	11:37:30	5T38	00:00:00
CR-129	PADTONX	11:38:30	11:39:30	2T38	00:01:00
CR-129	ABWD	12:09:30	12:21:30	2T47	00:12:00
CR-129	PADTONX	12:49:00	12:50:00	5D47	00:01:00
CR-129	WSTBRNP	12:51:00	12:51:00	5D47	00:00:00
CR-129	OOCXRBR	12:55:30	12:55:30	5D47	00:00:00
CR-129	OOCXRWP	13:03:00	13:03:00	5D47	00:00:00
CR-129	OOCXRSD	13:06:00	13:48:30	5A62	00:42:30
CR-129	OOCXRWP	13:51:30	13:51:30	5A62	00:00:00
CR-129	OOCXRBR	13:56:00	13:56:00	5A62	00:00:00
CR-129	WSTBRNP	14:00:00	14:00:00	5A62	00:00:00
CR-129	PADTONX	14:01:00	14:02:00	2A62	00:01:00
CR-129	ABWD	14:32:00	14:44:00	2A71	00:12:00
CR-129	PADTONX	15:11:30	15:12:30	5A71	00:01:00
CR-129	WSTBRNP	15:14:30	15:21:30	5T68	00:07:00
CR-129	PADTONX	15:23:30	15:24:30	2T68	00:01:00
CR-129	ABWD	15:54:30	16:06:30	2T77	00:12:00
CR-129	PADTONX	16:34:00	16:35:00	5T77	00:01:00
CR-129	WSTBRNP	16:37:00	16:44:00	5A84	00:07:00
CR-129	PADTONX	16:46:00	16:47:00	2A84	00:01:00
CR-129	ABWD	17:17:00	17:29:00	2A93	00:12:00
CR-129	PADTONX	17:56:30	17:57:30	5A93	00:01:00
CR-129	WSTBRNP	17:59:30	18:06:30	5T94	00:07:00
CR-129	PADTONX	18:08:30	18:09:30	2T94	00:01:00
CR-129	ABWD	18:39:30	18:51:30	2T99	00:12:00
CR-129	PADTONX	19:19:00	19:20:00	5D99	00:01:00
CR-129	WSTBRNP	19:21:00	19:21:00	5D99	00:00:00
CR-129	OOCXRBR	19:25:30	19:25:30	5D99	00:00:00
CR-129	OOCXRWP	19:33:00	19:33:00	5D99	00:00:00
CR-129	OOCXRSD	19:36:00	20:18:30	5A14	00:42:30
CR-129	OOCXRWP	20:21:30	20:21:30	5A14	00:00:00
CR-129	OOCXRBR	20:26:00	20:26:00	5A14	00:00:00
CR-129	WSTBRNP	20:30:00	20:30:00	5A14	00:00:00
CR-129	PADTONX	20:31:00	20:32:00	2A14	00:01:00
CR-129	ABWD	21:02:00	21:14:00	2A23	00:12:00
CR-129	PADTONX	21:41:30	21:42:30	5A23	00:01:00
CR-129	WSTBRNP	21:44:30	21:51:30	5T26	00:07:00
CR-129	PADTONX	21:53:30	21:54:30	2T26	00:01:00
CR-129	ABWD	22:22:30	22:34:00	2T15	00:11:30
CR-129	PADTONX	23:01:30	23:02:30	5T15	00:01:00
CR-129	WSTBRNP	23:04:30	23:14:00	5A36	00:09:30
CR-129	PADTONX	23:16:00	23:17:00	2A36	00:01:00



CR-129	ILFORD	23:43:30	23:44:00 2A36	00:00:30
CR-129	SHENFLD	00:06:30	00:07:00 5V36	00:00:30
CR-129	SHENFDS	00:09:00		

Diagram CR-130		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-130	OOCXRSD		07:13:30	5W20	
CR-130	OOCXRWP	07:16:30	07:16:30	5W20	00:00:00
CR-130	OOCXRBR	07:21:00	07:21:00	5W20	00:00:00
CR-130	WSTBRNP	07:25:00	07:25:00	5W20	00:00:00
CR-130	PADTONX	07:26:00	07:27:00	2W20	00:01:00
CR-130	ILFORD	07:53:30	07:54:00	2W20	00:00:30
CR-130	SHENFLD	08:18:30	08:26:00	2W35	00:07:30
CR-130	PADTONX	09:16:30	09:17:30	5W35	00:01:00
CR-130	WSTBRNP	09:19:30	09:29:00	5A30	00:09:30
CR-130	PADTONX	09:31:00	09:32:00	2A30	00:01:00
CR-130	ABWD	10:00:00	10:14:00	2A35	00:14:00
CR-130	PADTONX	10:41:30	10:42:30	5A35	00:01:00
CR-130	WSTBRNP	10:44:30	10:54:00	5W38	00:09:30
CR-130	PADTONX	10:56:00	10:57:00	2W38	00:01:00
CR-130	ILFORD	11:23:30	11:24:00	2W38	00:00:30
CR-130	SHENFLD	11:48:00	12:02:00	2B43	00:14:00
CR-130	PADTONX	12:52:30	12:53:30	5B43	00:01:00
CR-130	WSTBRNP	12:55:30	13:03:00	5B44	00:07:30
CR-130	PADTONX	13:05:00	13:06:00	2B44	00:01:00
CR-130	ILFORD	13:32:30	13:33:00	2B44	00:00:30
CR-130	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
CR-130	PADTONX	15:00:00	15:01:00	5D79	00:01:00
CR-130	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
CR-130	OOCXRBR	15:07:30	15:07:30	5D79	00:00:00
CR-130	OOCXRWP	15:15:00	15:15:00	5D79	00:00:00
CR-130	OOCXRSD	15:18:00	16:00:00	5W92	00:42:00
CR-130	OOCXRWP	16:03:00	16:03:00	5W92	00:00:00
CR-130	OOCXRBR	16:07:30	16:07:30	5W92	00:00:00
CR-130	WSTBRNP	16:11:30	16:11:30	5W92	00:00:00
CR-130	PADTONX	16:12:30	16:13:30	2W92	00:01:00
CR-130	ILFORD	16:40:00	16:40:30	2W92	00:00:30
CR-130	SHENFLD	17:05:30	17:17:00	2B87	00:11:30
CR-130	PADTONX	18:07:30	18:08:30	5B87	00:01:00
CR-130	WSTBRNP	18:10:30	18:18:00	5B86	00:07:30
CR-130	PADTONX	18:20:00	18:21:30	2B86	00:01:30
CR-130	ILFORD	18:48:00	18:48:30	2B86	00:00:30
CR-130	SHENFLD	19:12:30	19:24:30	2W51	00:12:00
CR-130	PADTONX	20:15:00	20:16:00	5W51	00:01:00
CR-130	WSTBRNP	20:18:00	20:25:30	5W54	00:07:30
CR-130	PADTONX	20:27:30	20:28:30	2W54	00:01:00

CR-130	ILFORD	20:55:00	20:55:30 2W54	00:00:30
CR-130	SHENFLD	21:20:00	21:36:00 2A29	00:16:00
CR-130	PADTONX	22:26:30	22:27:30 5A29	00:01:00
CR-130	WSTBRNP	22:29:30	22:37:00 5T30	00:07:30
CR-130	PADTONX	22:41:00	22:42:00 2T30	00:01:00
CR-130	ABWD	23:10:00	23:24:00 2B33	00:14:00
CR-130	PADTONX	23:51:30	23:52:30 5B33	00:01:00
CR-130	WSTBRNP	23:54:30	00:09:00 5B30	00:14:30
CR-130	PADTONX	00:11:00	00:12:00 2B30	00:01:00
CR-130	ABWD	00:40:00	00:47:00 5T34	00:07:00
CR-130	PLUMSDG	00:56:00		

Diagram CR-131		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-131	ILFEMUD			06:31:00 5W27	
CR-131	SHENFLD	06:49:30	06:56:00	2W27	00:06:30
CR-131	PADTONX	07:46:30	07:47:30	5W17	00:01:00
CR-131	WSTBRNP	07:49:30	07:59:00	5A26	00:09:30
CR-131	PADTONX	08:01:00	08:02:00	2A26	00:01:00
CR-131	ABWD	08:30:00	08:44:00	2A39	00:14:00
CR-131	PADTONX	09:11:30	09:12:30	5A39	00:01:00
CR-131	WSTBRNP	09:14:30	09:21:00	5W46	00:06:30
CR-131	PADTONX	09:26:00	09:27:00	2W46	00:01:00
CR-131	ILFORD	09:53:30	09:54:00	2W46	00:00:30
CR-131	SHENFLD	10:18:30	10:26:00	2B43	00:07:30
CR-131	PADTONX	11:16:30	11:17:30	5B43	00:01:00
CR-131	WSTBRNP	11:19:30	11:29:00	5W52	00:09:30
CR-131	PADTONX	11:31:00	11:32:00	2A42	00:01:00
CR-131	ABWD	12:02:00	12:14:00	2A51	00:12:00
CR-131	PADTONX	12:41:30	12:42:30	5A51	00:01:00
CR-131	WSTBRNP	12:44:30	12:51:30	5T48	00:07:00
CR-131	PADTONX	12:53:30	12:54:30	2T48	00:01:00
CR-131	ABWD	13:24:30	13:36:30	2T57	00:12:00
CR-131	PADTONX	14:04:00	14:05:00	5T57	00:01:00
CR-131	WSTBRNP	14:07:00	14:14:00	5A64	00:07:00
CR-131	PADTONX	14:16:00	14:17:00	2A64	00:01:00
CR-131	ABWD	14:47:00	14:59:00	2A73	00:12:00
CR-131	PADTONX	15:26:30	15:27:30	5A73	00:01:00
CR-131	WSTBRNP	15:29:30	15:36:30	5T70	00:07:00
CR-131	PADTONX	15:38:30	15:39:30	2T70	00:01:00
CR-131	ABWD	16:09:30	16:21:30	2T79	00:12:00
CR-131	PADTONX	16:49:00	16:50:00	5D79	00:01:00
CR-131	WSTBRNP	16:51:00	16:51:00	5D79	00:00:00
CR-131	OOCXRBR	16:55:30	16:55:30	5D79	00:00:00
CR-131	OOCXRWP	17:03:00	17:03:00	5D79	00:00:00
CR-131	OOCXRSD	17:06:00	17:48:30	5A94	00:42:30

CR-131	OOCXRWP	17:51:30	17:51:30 5A94	00:00:00
CR-131	OOCXRBR	17:56:00	17:56:00 5A94	00:00:00
CR-131	WSTBRNP	18:00:00	18:00:00 5A94	00:00:00
CR-131	PADTONX	18:01:00	18:02:00 2A94	00:01:00
CR-131	ABWD	18:32:00	18:44:00 2A03	00:12:00
CR-131	PADTONX	19:11:30	19:12:30 5A03	00:01:00
CR-131	WSTBRNP	19:14:30	19:21:30 5T06	00:07:00
CR-131	PADTONX	19:23:30	19:24:30 2T06	00:01:00
CR-131	ABWD	19:54:30	20:06:30 2T51	00:12:00
CR-131	PADTONX	20:34:00	20:35:00 5T51	00:01:00
CR-131	WSTBRNP	20:37:00	20:44:00 5A16	00:07:00
CR-131	PADTONX	20:46:00	20:47:00 2A16	00:01:00
CR-131	ABWD	21:17:00	21:29:00 2A25	00:12:00
CR-131	PADTONX	21:56:30	21:57:30 5A25	00:01:00
CR-131	WSTBRNP	21:59:30	22:09:00 5T28	00:09:30
CR-131	PADTONX	22:11:00	22:12:00 2T28	00:01:00
CR-131	ABWD	22:40:00	22:54:00 2B29	00:14:00
CR-131	PADTONX	23:21:30	23:22:30 5B29	00:01:00
CR-131	WSTBRNP	23:24:30	23:32:00 5B28	00:07:30
CR-131	PADTONX	23:36:00	23:37:00 2B28	00:01:00
CR-131	ILFORD	00:03:30	00:04:00 2B28	00:00:30
CR-131	SHENFLD	00:26:30	00:33:30 5V28	00:07:00
CR-131	ILFEMUD	00:58:30		

## Diagram CR-132

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
CR-132	OOCXRSD			11:00:00 5W50	
CR-132	OOCXRWP	11:03:00	11:03:00	5W50	00:00:00
CR-132	OOCXRBR	11:07:30	11:07:30	5W50	00:00:00
CR-132	WSTBRNP	11:11:30	11:11:30	5W50	00:00:00
CR-132	PADTONX	11:12:30	11:13:30	2W50	00:01:00
CR-132	ILFORD	11:40:00	11:40:30	2W50	00:00:30
CR-132	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
CR-132	PADTONX	13:07:30	13:08:30	5B45	00:01:00
CR-132	WSTBRNP	13:10:30	13:18:00	5B46	00:07:30
CR-132	PADTONX	13:20:00	13:21:00	2B46	00:01:00
CR-132	ILFORD	13:47:30	13:48:00	2B46	00:00:30
CR-132	SHENFLD	14:12:30	14:24:30	2W81	00:12:00
CR-132	PADTONX	15:15:00	15:16:00	5W81	00:01:00
CR-132	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
CR-132	PADTONX	15:27:30	15:28:30	2W84	00:01:00
CR-132	ILFORD	15:55:00	15:55:30	2W84	00:00:30
CR-132	SHENFLD	16:21:00	16:32:00	2B81	00:11:00
CR-132	PADTONX	17:22:30	17:23:30	5B81	00:01:00
CR-132	WSTBRNP	17:25:30	17:33:00	5B80	00:07:30
CR-132	PADTONX	17:35:00	17:36:00	2B80	00:01:00

CR-132	ILFORD	18:02:30	18:03:00 2B80	00:00:30
CR-132	SHENFLD	18:28:00	18:39:30 2W45	00:11:30
CR-132	PADTONX	19:30:00	19:31:00 5D45	00:01:00
CR-132	WSTBRNP	19:32:00	19:32:00 5D45	00:00:00
CR-132	OOCXRBR	19:37:00	19:37:00 5D45	00:00:00
CR-132	OOCXRWP	19:44:30	19:44:30 5D45	00:00:00
CR-132	OOCXRSD	19:47:30	20:30:00 5W56	00:42:30
CR-132	OOCXRWP	20:33:00	20:33:00 5W56	00:00:00
CR-132	OOCXRBR	20:37:30	20:37:30 5W56	00:00:00
CR-132	WSTBRNP	20:41:30	20:41:30 5W56	00:00:00
CR-132	PADTONX	20:42:30	20:43:30 2W56	00:01:00
CR-132	ILFORD	21:10:00	21:10:30 2W56	00:00:30
CR-132	SHENFLD	21:33:00	21:46:00 2B23	00:13:00
CR-132	PADTONX	22:36:30	22:37:30 5B23	00:01:00
CR-132	WSTBRNP	22:39:30	22:49:00 5B22	00:09:30
CR-132	PADTONX	22:51:00	22:52:00 2B22	00:01:00
CR-132	ABWD	23:20:00	23:34:00 2T19	00:14:00
CR-132	PADTONX	00:01:30	00:02:30 5D19	00:01:00
CR-132	WSTBRNP	00:03:30	00:03:30 5D19	00:00:00
CR-132	OOCXRBR	00:08:30	00:08:30 5D19	00:00:00
CR-132	OOCXRWP	00:16:30	00:16:30 5D19	00:00:00
CR-132	OOCXRSD	00:19:30		

Diagram CR-133			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-133	OOCXRSD			11:15:00 5W52	
CR-133	OOCXRWP	11:18:00	11:18:00	5W52	00:00:00
CR-133	OOCXRBR	11:22:30	11:22:30	5W52	00:00:00
CR-133	WSTBRNP	11:26:30	11:26:30	5W52	00:00:00
CR-133	PADTONX	11:27:30	11:28:30	2W52	00:01:00
CR-133	ILFORD	11:55:00	11:55:30	2W52	00:00:30
CR-133	SHENFLD	12:20:00	12:32:00	2B47	00:12:00
CR-133	PADTONX	13:22:30	13:23:30	5B47	00:01:00
CR-133	WSTBRNP	13:25:30	13:33:00	5B48	00:07:30
CR-133	PADTONX	13:35:00	13:36:00	2B48	00:01:00
CR-133	ILFORD	14:02:30	14:03:00	2B48	00:00:30
CR-133	SHENFLD	14:27:30	14:39:30	2W83	00:12:00
CR-133	PADTONX	15:30:00	15:31:00	5D83	00:01:00
CR-133	WSTBRNP	15:32:00	15:32:00	5D83	00:00:00
CR-133	OOCXRBR	15:37:00	15:37:00	5D83	00:00:00
CR-133	OOCXRWP	15:44:30	15:44:30	5D83	00:00:00
CR-133	OOCXRSD	15:47:30	16:30:00	5W98	00:42:30
CR-133	OOCXRWP	16:33:00	16:33:00	5W98	00:00:00
CR-133	OOCXRBR	16:37:30	16:37:30	5W98	00:00:00
CR-133	WSTBRNP	16:41:30	16:41:30	5W98	00:00:00
CR-133	PADTONX	16:42:30	16:43:30	2W98	00:01:00

CR-133	ILFORD	17:10:00	17:10:30 2W98	00:00:30
CR-133	SHENFLD	17:34:30	17:47:00 2B91	00:12:30
CR-133	PADTONX	18:37:30	18:38:30 5B91	00:01:00
CR-133	WSTBRNP	18:40:30	18:48:30 5B90	00:08:00
CR-133	PADTONX	18:50:30	18:51:30 2B90	00:01:00
CR-133	ILFORD	19:18:00	19:18:30 2B90	00:00:30
CR-133	SHENFLD	19:42:30	19:54:30 2W55	00:12:00
CR-133	PADTONX	20:45:00	20:46:00 5W55	00:01:00
CR-133	WSTBRNP	20:48:00	20:55:30 5W58	00:07:30
CR-133	PADTONX	20:57:30	20:58:30 2W58	00:01:00
CR-133	ILFORD	21:25:00	21:25:30 2W58	00:00:30
CR-133	SHENFLD	21:49:00	21:50:00 5W58	00:01:00
CR-133	SHENFDS	21:52:00		

Diagram CR-134			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
CR-134	OOCXRS			12:00:00 5W58	
CR-134	OOCXRWP	12:03:00	12:03:00	5W58	00:00:00
CR-134	OOCXRBR	12:07:30	12:07:30	5W58	00:00:00
CR-134	WSTBRNP	12:11:30	12:11:30	5W58	00:00:00
CR-134	PADTONX	12:12:30	12:13:30	2W58	00:01:00
CR-134	ILFORD	12:40:00	12:40:30	2W58	00:00:30
CR-134	SHENFLD	13:05:00	13:17:00	2B53	00:12:00
CR-134	PADTONX	14:07:30	14:08:30	5B53	00:01:00
CR-134	WSTBRNP	14:10:30	14:18:00	5B54	00:07:30
CR-134	PADTONX	14:20:00	14:21:00	2B54	00:01:00
CR-134	ILFORD	14:47:30	14:48:00	2B54	00:00:30
CR-134	SHENFLD	15:12:30	15:24:30	2W89	00:12:00
CR-134	PADTONX	16:15:00	16:16:00	5W89	00:01:00
CR-134	WSTBRNP	16:18:00	16:25:30	5W94	00:07:30
CR-134	PADTONX	16:27:30	16:28:30	2W94	00:01:00
CR-134	ILFORD	16:55:00	16:55:30	2W94	00:00:30
CR-134	SHENFLD	17:20:00	17:32:00	2B89	00:12:00
CR-134	PADTONX	18:22:30	18:23:30	5B89	00:01:00
CR-134	WSTBRNP	18:25:30	18:33:00	5B88	00:07:30
CR-134	PADTONX	18:35:00	18:36:00	2B88	00:01:00
CR-134	ILFORD	19:02:30	19:03:00	2B88	00:00:30
CR-134	SHENFLD	19:27:30	19:39:30	2W53	00:12:00
CR-134	PADTONX	20:30:00	20:31:00	5D53	00:01:00
CR-134	WSTBRNP	20:32:00	20:32:00	5D53	00:00:00
CR-134	OOCXRBR	20:37:00	20:37:00	5D53	00:00:00
CR-134	OOCXRWP	20:44:30	20:44:30	5D53	00:00:00
CR-134	OOCXRS	20:47:30	21:30:00	5W64	00:42:30
CR-134	OOCXRWP	21:33:00	21:33:00	5W64	00:00:00
CR-134	OOCXRBR	21:37:30	21:37:30	5W64	00:00:00
CR-134	WSTBRNP	21:41:30	21:41:30	5W64	00:00:00



CR-134	PADTONX	21:42:30	21:43:30 2W64	00:01:00
CR-134	ILFORD	22:10:00	22:10:30 2W64	00:00:30
CR-134	SHENFLD	22:33:00	22:46:00 2B31	00:13:00
CR-134	PADTONX	23:36:30	23:37:30 5B31	00:01:00
CR-134	WSTBRNP	23:39:30	23:49:00 5B30	00:09:30
CR-134	PADTONX	23:51:00	23:52:00 2B26	00:01:00
CR-134	ABWD	00:20:00	00:27:00 5B26	00:07:00
CR-134	PLUMSDG	00:36:00		

Diagram CR-135		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-135	SHENFDS			11:51:30 5W61	
CR-135	SHENFLD	11:53:30	11:54:30	2W61	00:01:00
CR-135	PADTONX	12:45:00	12:46:00	5W61	00:01:00
CR-135	WSTBRNP	12:48:00	12:55:30	5W64	00:07:30
CR-135	PADTONX	12:57:30	12:58:30	2W64	00:01:00
CR-135	ILFORD	13:25:00	13:25:30	2W64	00:00:30
CR-135	SHENFLD	13:50:00	14:02:00	2B59	00:12:00
CR-135	PADTONX	14:52:30	14:53:30	5B59	00:01:00
CR-135	WSTBRNP	14:55:30	15:03:00	5B60	00:07:30
CR-135	PADTONX	15:05:00	15:06:00	2B60	00:01:00
CR-135	ILFORD	15:32:30	15:33:00	2B60	00:00:30
CR-135	SHENFLD	15:57:30	16:09:30	2W01	00:12:00
CR-135	PADTONX	17:00:00	17:01:00	5D01	00:01:00
CR-135	WSTBRNP	17:02:00	17:02:00	5D01	00:00:00
CR-135	OOCXRBR	17:06:30	17:06:30	5D01	00:00:00
CR-135	OOCXRWP	17:14:00	17:14:00	5D01	00:00:00
CR-135	OOCXRSD	17:17:00	18:00:00	5W34	00:43:00
CR-135	OOCXRWP	18:03:00	18:03:00	5W34	00:00:00
CR-135	OOCXRBR	18:07:30	18:07:30	5W34	00:00:00
CR-135	WSTBRNP	18:11:30	18:11:30	5W34	00:00:00
CR-135	PADTONX	18:12:30	18:13:30	2W34	00:01:00
CR-135	ILFORD	18:40:00	18:40:30	2W34	00:00:30
CR-135	SHENFLD	19:05:00	19:17:00	2B03	00:12:00
CR-135	PADTONX	20:07:30	20:08:30	5B03	00:01:00
CR-135	WSTBRNP	20:10:30	20:18:00	5B02	00:07:30
CR-135	PADTONX	20:20:00	20:21:00	2B02	00:01:00
CR-135	ILFORD	20:47:30	20:48:00	2B02	00:00:30
CR-135	SHENFLD	21:12:30	21:24:30	2P06	00:12:00
CR-135	PADTONX	22:15:00	22:17:30	5W63	00:02:30
CR-135	WSTBRNP	22:19:30	22:29:00	5A30	00:09:30
CR-135	PADTONX	22:31:00	22:32:00	2A30	00:01:00
CR-135	ABWD	23:00:00	23:14:00	2A39	00:14:00
CR-135	PADTONX	23:41:30	23:42:30	5A39	00:01:00
CR-135	WSTBRNP	23:44:30	23:54:00	5W74	00:09:30
CR-135	PADTONX	23:56:00	23:57:00	2W74	00:01:00

CR-135	ILFORD	00:23:30	00:24:00 2W74	00:00:30
CR-135	SHENFLD	00:46:30	00:53:30 5W74	00:07:00
CR-135	GIDEPKS	01:03:00		

Diagram CR-136		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-136	OOCXRSD		12:30:00	5W62	
CR-136	OOCXRWP	12:33:00	12:33:00	5W62	00:00:00
CR-136	OOCXRBR	12:37:30	12:37:30	5W62	00:00:00
CR-136	WSTBRNP	12:41:30	12:41:30	5W62	00:00:00
CR-136	PADTONX	12:42:30	12:43:30	2W62	00:01:00
CR-136	ILFORD	13:10:00	13:10:30	2W62	00:00:30
CR-136	SHENFLD	13:35:00	13:47:00	2B57	00:12:00
CR-136	PADTONX	14:37:30	14:38:30	5B57	00:01:00
CR-136	WSTBRNP	14:40:30	14:48:00	5B58	00:07:30
CR-136	PADTONX	14:50:00	14:51:00	2B58	00:01:00
CR-136	ILFORD	15:17:30	15:18:00	2B58	00:00:30
CR-136	SHENFLD	15:42:30	15:54:30	2W95	00:12:00
CR-136	PADTONX	16:45:00	16:46:00	5W95	00:01:00
CR-136	WSTBRNP	16:48:00	16:55:30	5W04	00:07:30
CR-136	PADTONX	16:57:30	16:58:30	2W04	00:01:00
CR-136	ILFORD	17:25:00	17:25:30	2W04	00:00:30
CR-136	SHENFLD	17:50:00	18:02:00	2B93	00:12:00
CR-136	PADTONX	18:52:30	18:53:30	5B93	00:01:00
CR-136	WSTBRNP	18:55:30	19:03:00	5B92	00:07:30
CR-136	PADTONX	19:05:00	19:06:00	2B92	00:01:00
CR-136	ILFORD	19:32:30	19:33:00	2B92	00:00:30
CR-136	SHENFLD	19:57:30	20:09:30	2W57	00:12:00
CR-136	PADTONX	21:00:00	21:01:00	5D57	00:01:00
CR-136	WSTBRNP	21:02:00	21:02:00	5D57	00:00:00
CR-136	OOCXRBR	21:07:00	21:07:00	5D57	00:00:00
CR-136	OOCXRWP	21:14:30	21:14:30	5D57	00:00:00
CR-136	OOCXRSD	21:17:30	22:03:30	5A28	00:46:00
CR-136	OOCXRWP	22:06:30	22:06:30	5A28	00:00:00
CR-136	OOCXRBR	22:11:00	22:11:00	5A28	00:00:00
CR-136	WSTBRNP	22:15:00	22:15:00	5A28	00:00:00
CR-136	PADTONX	22:16:00	22:17:00	2A28	00:01:00
CR-136	ILFORD	22:43:30	22:44:00	2A28	00:00:30
CR-136	SHENFLD	23:09:00	23:16:00	2B35	00:07:00
CR-136	PADTONX	00:06:30	00:07:30	5D35	00:01:00
CR-136	WSTBRNP	00:08:30	00:08:30	5D35	00:00:00
CR-136	OOCXRBR	00:13:30	00:13:30	5D35	00:00:00
CR-136	OOCXRWP	00:21:30	00:21:30	5D35	00:00:00
CR-136	OOCXRSD	00:24:30			

Diagram CR-137

Traction: 345



Diagram	Location	Arr	Dep	ID	T/A
CR-137	OOCXRSD			04:35:00 5Y09	
CR-137	OOCXRWP	04:38:00	04:38:00	5Y09	00:00:00
CR-137	OOCXRBR	04:42:30	04:42:30	5Y09	00:00:00
CR-137	PADTON	04:49:00	04:57:00	5Y09	00:08:00
CR-137	HTRWTM4	05:18:00	05:28:00	2Y09	00:10:00
CR-137	PADTON	05:59:00	06:07:00	2T14	00:08:00
CR-137	HTRWTM4	06:36:00	06:58:00	2Y15	00:22:00
CR-137	PADTON	07:29:00	07:37:00	2T20	00:08:00
CR-137	HTRWTM4	08:06:00	08:28:00	2Y21	00:22:00
CR-137	PADTON	08:59:00	09:07:00	2T26	00:08:00
CR-137	HTRWTM4	09:36:00	09:58:00	2Y27	00:22:00
CR-137	PADTON	10:29:00	10:37:00	2T32	00:08:00
CR-137	HTRWTM4	11:06:00	11:28:00	2Y33	00:22:00
CR-137	PADTON	11:59:00	12:07:00	2T38	00:08:00
CR-137	HTRWTM4	12:36:00	12:58:00	2Y39	00:22:00
CR-137	PADTON	13:29:00	13:37:00	2T44	00:08:00
CR-137	HTRWTM4	14:06:00	14:28:00	2Y45	00:22:00
CR-137	PADTON	14:59:00	15:07:00	2T50	00:08:00
CR-137	HTRWTM4	15:36:00	15:58:00	2Y51	00:22:00
CR-137	PADTON	16:29:00	16:37:00	2T56	00:08:00
CR-137	HTRWTM4	17:06:00	17:28:00	2Y57	00:22:00
CR-137	PADTON	17:59:00	18:07:00	2T62	00:08:00
CR-137	HTRWTM4	18:36:00	18:58:00	2Y63	00:22:00
CR-137	PADTON	19:30:00	19:37:00	2T68	00:07:00
CR-137	HTRWTM4	20:06:00	20:28:00	2Y69	00:22:00
CR-137	PADTON	20:59:00	21:07:00	2T74	00:08:00
CR-137	HTRWTM4	21:36:00	21:58:00	2Y75	00:22:00
CR-137	PADTON	22:29:00	22:37:00	2T80	00:08:00
CR-137	HTRWTM4	23:06:00	23:27:00	2Y81	00:21:00
CR-137	PADTON	23:58:00	00:05:00	5Y81	00:07:00
CR-137	OOCXRBR	00:10:30	00:10:30	5Y81	00:00:00
CR-137	OOCXRWP	00:20:00	00:20:00	5Y81	00:00:00
CR-137	OOCXRSD	00:23:00			

Diagram CR-138		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
CR-138	OOCXRSD			04:46:30 5Y10	
CR-138	KENSLGS	04:54:30	05:01:30	5Y10	00:07:00
CR-138	HTRWTM4	05:24:00	05:43:00	2Y10	00:19:00
CR-138	PADTON	06:14:00	06:22:00	2T15	00:08:00
CR-138	HTRWTM4	06:51:00	07:13:00	2Y16	00:22:00
CR-138	PADTON	07:44:00	07:52:00	2T21	00:08:00
CR-138	HTRWTM4	08:21:00	08:43:00	2Y22	00:22:00
CR-138	PADTON	09:14:00	09:22:00	2T27	00:08:00
CR-138	HTRWTM4	09:51:00	10:13:00	2Y28	00:22:00

CR-138	PADTON	10:44:00	10:52:00 2T33	00:08:00
CR-138	HTRWTM4	11:21:00	11:43:00 2Y34	00:22:00
CR-138	PADTON	12:14:00	12:22:00 2T39	00:08:00
CR-138	HTRWTM4	12:51:00	13:13:00 2Y40	00:22:00
CR-138	PADTON	13:44:00	13:52:00 2T45	00:08:00
CR-138	HTRWTM4	14:21:00	14:43:00 2Y46	00:22:00
CR-138	PADTON	15:14:00	15:22:00 2T51	00:08:00
CR-138	HTRWTM4	15:51:00	16:13:00 2Y52	00:22:00
CR-138	PADTON	16:45:00	16:52:00 2T57	00:07:00
CR-138	HTRWTM4	17:21:00	17:43:00 2Y58	00:22:00
CR-138	PADTON	18:14:00	18:22:00 2T63	00:08:00
CR-138	HTRWTM4	18:51:00	19:13:00 2Y64	00:22:00
CR-138	PADTON	19:44:00	19:52:00 2T69	00:08:00
CR-138	HTRWTM4	20:21:00	20:43:00 2Y70	00:22:00
CR-138	PADTON	21:14:00	21:22:00 2T75	00:08:00
CR-138	HTRWTM4	21:51:00	22:13:00 2Y76	00:22:00
CR-138	PADTON	22:44:00	22:52:00 2T81	00:08:00
CR-138	HTRWTM4	23:21:00	23:43:00 2Y82	00:22:00
CR-138	PADTON	00:14:00	00:21:00 5Y82	00:07:00
CR-138	OOCXRBR	00:26:30	00:26:30 5Y82	00:00:00
CR-138	OOCXRWP	00:34:00	00:34:00 5Y82	00:00:00
CR-138	OOCXRSD	00:37:00		

	Diagram OC501	Traction: 345		
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	OLDOCCS			05:30:00
	OLDOCCS	20:00:00		

	Diagram OC502	Traction: 345		
	Operational Spare Unit			
	Available for use by CTOC as required			
Diagram	Location	Arr	Dep	ID
	ILFEMUD			05:30:00
	ILFEMUD	20:00:00		

**Part 5 – Stage 5 Crossrail Services****Stage 5 SX**

Diagram OC101		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC101	OLDOXRD		04:23:30	5A08	
OC101	OLDOECL	04:31:30	04:38:30	5A08	00:07:00
OC101	HTRWMT4	05:01:00	05:17:00	2A08	00:32:00
OC101	WSTBRNP	05:45:00	05:45:00	2A08	00:00:00
OC101	ILFORD	06:13:30	06:14:00	2A08	00:00:30
OC101	SHENFLD	06:37:30	06:46:30	2B23	00:09:00
OC101	WSTBRNP	07:39:30	07:39:30	2B23	00:00:00
OC101	MDNHEAD	08:12:00	08:13:00	5B30	00:01:00
OC101	MDNHEAD	08:26:30	08:27:30	2B30	00:01:00
OC101	WSTBRNP	09:04:00	09:04:00	2B30	00:00:00
OC101	ABWD	09:38:30	09:44:00	2A31	00:05:30
OC101	WSTBRNP	10:13:30	10:13:30	2A31	00:00:00
OC101	HTRWMT4	10:40:00	11:02:00	2A42	00:22:00
OC101	WSTBRNP	11:30:00	11:30:00	2A42	00:00:00
OC101	ABWD	12:02:00	12:14:00	2A51	00:12:00
OC101	WSTBRNP	12:43:30	12:43:30	2A51	00:00:00
OC101	HTRWMT4	13:10:00	13:32:00	2A62	00:22:00
OC101	WSTBRNP	14:00:00	14:00:00	2A62	00:00:00
OC101	ABWD	14:32:00	14:44:00	2A71	00:12:00
OC101	WSTBRNP	15:13:30	15:13:30	2A71	00:00:00
OC101	HTRWMT4	15:40:00	16:02:00	2A82	00:22:00
OC101	WSTBRNP	16:30:00	16:30:00	2A82	00:00:00
OC101	ILFORD	17:00:00	17:00:30	2A82	00:00:30
OC101	SHENFLD	17:23:00	17:28:30	2W33	00:05:30
OC101	PADTONX	18:19:00	18:20:00	5W33	00:01:00
OC101	WSTBRNP	18:22:00	18:27:30	5T98	00:05:30
OC101	PADTONX	18:29:30	18:30:30	2T98	00:01:00
OC101	ABWD	18:58:30	19:06:30	2T95	00:08:00
OC101	PADTONX	19:34:00	19:35:00	5D95	00:01:00
OC101	WSTBRNP	19:36:00	19:36:00	5D95	00:00:00
OC101	OLDOXRB	19:41:30	19:41:30	5D95	00:00:00
OC101	OLDOXRW	19:49:00	19:49:00	5D95	00:00:00
OC101	OLDOXRD	19:52:00	20:25:30	5T16	00:33:30
OC101	OLDOXRW	20:28:30	20:28:30	5T16	00:00:00
OC101	OLDOXRB	20:33:00	20:33:00	5T16	00:00:00
OC101	WSTBRNP	20:37:00	20:37:00	5T16	00:00:00
OC101	PADTONX	20:38:00	20:39:30	2T16	00:01:30
OC101	ABWD	21:09:30	21:21:30	2T13	00:12:00
OC101	PADTONX	21:49:00	21:50:00	5D13	00:01:00
OC101	WSTBRNP	21:51:00	21:51:00	5D13	00:00:00
OC101	OLDOXRB	21:56:00	21:56:00	5D13	00:00:00

OC101	OLDOXRW	22:03:30	22:03:30 5D13	00:00:00
OC101	OLDOXRD	22:06:30		

Diagram OC102		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC102	ILFEMUD		04:20:30	5L01	
OC102	SHENFLD	04:39:00	04:46:00	2L01	00:07:00
OC102	LIVST	05:24:30	05:33:00	2W02	00:08:30
OC102	ILFORD	05:48:30	05:49:00	2W02	00:00:30
OC102	SHENFLD	06:11:30	06:22:30	2W11	00:11:00
OC102	PADTONX	07:13:00	07:14:00	5W11	00:01:00
OC102	WSTBRNP	07:16:00	07:21:30	5T16	00:05:30
OC102	PADTONX	07:23:30	07:24:30	2T16	00:01:00
OC102	ABWD	07:52:30	07:59:00	2A33	00:06:30
OC102	WSTBRNP	08:28:30	08:28:30	2A33	00:00:00
OC102	HTRWTM4	08:55:00	09:17:00	2A40	00:22:00
OC102	WSTBRNP	09:45:00	09:45:00	2A40	00:00:00
OC102	ABWD	10:17:00	10:29:00	2A37	00:12:00
OC102	WSTBRNP	10:58:30	10:58:30	2A37	00:00:00
OC102	HTRWTM4	11:25:00	11:47:00	2A48	00:22:00
OC102	WSTBRNP	12:15:00	12:15:00	2A48	00:00:00
OC102	ABWD	12:47:00	12:59:00	2A57	00:12:00
OC102	WSTBRNP	13:28:30	13:28:30	2A57	00:00:00
OC102	HTRWTM4	13:55:00	14:17:00	2A68	00:22:00
OC102	WSTBRNP	14:45:00	14:45:00	2A68	00:00:00
OC102	ABWD	15:17:00	15:29:00	2A77	00:12:00
OC102	WSTBRNP	15:58:30	15:58:30	2A77	00:00:00
OC102	HTRWTM4	16:25:00	16:47:00	2A88	00:22:00
OC102	WSTBRNP	17:15:00	17:15:00	2A88	00:00:00
OC102	ABWD	17:47:00	17:54:30	2B89	00:07:30
OC102	WSTBRNP	18:24:30	18:24:30	2B89	00:00:00
OC102	MDNHEAD	19:00:30	19:15:00	2B98	00:14:30
OC102	WSTBRNP	19:49:00	19:49:00	2B98	00:00:00
OC102	ILFORD	20:17:30	20:18:00	2B98	00:00:30
OC102	SHENFLD	20:42:00	20:54:30	2W63	00:12:30
OC102	PADTONX	21:45:00	21:46:00	5D63	00:01:00
OC102	WSTBRNP	21:47:00	21:47:00	5D63	00:00:00
OC102	OLDOXRB	21:52:00	21:52:00	5D63	00:00:00
OC102	OLDOXRW	21:59:30	21:59:30 5D63	00:00:00	
OC102	OLDOXRD	22:02:30			

Diagram OC103		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC103	OLDOXRD		04:22:30	5A03	
OC103	OLDOXRW	04:25:30	04:25:30	5A03	00:00:00
OC103	OLDOXRB	04:30:00	04:30:00	5A03	00:00:00

OC103	PADTON	04:35:00	04:42:00 2A03	00:07:00
OC103	HTRWTM4	05:10:00	05:32:00 2A10	00:22:00
OC103	WSTBRNP	06:00:00	06:00:00 2A10	00:00:00
OC103	ABWD	06:32:00	06:42:30 2A23	00:10:30
OC103	WSTBRNP	07:13:30	07:13:30 2A23	00:00:00
OC103	HTRWTM4	07:40:00	08:02:00 2A30	00:22:00
OC103	WSTBRNP	08:30:00	08:30:00 2A30	00:00:00
OC103	ABWD	09:01:30	09:06:30 2T35	00:05:00
OC103	PADTONX	09:34:00	09:35:00 5D35	00:01:00
OC103	WSTBRNP	09:36:00	09:36:00 5D35	00:00:00
OC103	OLDOXRB	09:42:00	09:42:00 5D35	00:00:00
OC103	OLDOXRW	09:49:30	09:49:30 5D35	00:00:00
OC103	OLDOXRD	09:52:30	17:01:00 5W10	07:08:30
OC103	OLDOXRW	17:04:00	17:04:00 5W10	00:00:00
OC103	OLDOXRB	17:08:30	17:08:30 5W10	00:00:00
OC103	WSTBRNP	17:12:30	17:12:30 5W10	00:00:00
OC103	PADTONX	17:13:30	17:14:30 2W10	00:01:00
OC103	ILFORD	17:41:00	17:41:30 2W10	00:00:30
OC103	SHENFLD	18:04:00	18:05:00 5W10	00:01:00
OC103	SHENFDS	18:07:00		

## Diagram OC104

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC104	OLDOXRD		04:39:30	5A05	
OC104	OLDOXRW	04:42:30	04:42:30	5A05	00:00:00
OC104	OLDOXRB	04:47:00	04:47:00	5A05	00:00:00
OC104	PADTON	04:52:00	04:57:00	2A05	00:05:00
OC104	HTRWTM4	05:25:00	05:47:00	2A12	00:22:00
OC104	WSTBRNP	06:15:00	06:15:00	2A12	00:00:00
OC104	ABWD	06:45:30	06:54:30	2B21	00:09:00
OC104	WSTBRNP	07:24:30	07:24:30	2B21	00:00:00
OC104	MDNHEAD	08:00:00	08:01:00	5B28	00:01:00
OC104	MDNHEAD	08:12:00	08:15:00	2B28	00:03:00
OC104	WSTBRNP	08:49:00	08:49:00	2B28	00:00:00
OC104	ABWD	09:21:30	09:28:30	2T39	00:07:00
OC104	PADTONX	09:58:00	09:59:00	5D39	00:01:00
OC104	WSTBRNP	10:00:00	10:00:00	5D39	00:00:00
OC104	OLDOXRB	10:04:30	10:04:30	5D39	00:00:00
OC104	OLDOXRW	10:12:00	10:12:00	5D39	00:00:00
OC104	OLDOXRD	10:15:00	11:25:30	5T38	01:10:30
OC104	OLDOXRW	11:28:30	11:28:30	5T38	00:00:00
OC104	OLDOXRB	11:33:00	11:33:00	5T38	00:00:00
OC104	WSTBRNP	11:37:00	11:37:00	5T38	00:00:00
OC104	PADTONX	11:38:00	11:39:30	2T38	00:01:30
OC104	ABWD	12:09:30	12:21:30	2T47	00:12:00
OC104	PADTONX	12:49:00	12:50:00	5T47	00:01:00



OC104	WSTBRNP	12:52:00	13:10:30 5W66	00:18:30
OC104	PADTONX	13:12:30	13:13:30 2W66	00:01:00
OC104	ILFORD	13:40:00	13:40:30 2W66	00:00:30
OC104	SHENFLD	14:05:00	14:17:00 2B61	00:12:00
OC104	WSTBRNP	15:09:30	15:09:30 2B61	00:00:00
OC104	MDNHEAD	15:42:00	15:57:30 2B72	00:15:30
OC104	WSTBRNP	16:34:00	16:34:00 2B72	00:00:00
OC104	ABWD	17:07:00	17:14:00 2A91	00:07:00
OC104	WSTBRNP	17:43:30	17:43:30 2A91	00:00:00
OC104	HTRWTM4	18:10:00	18:32:00 2A02	00:22:00
OC104	WSTBRNP	19:00:00	19:00:00 2A02	00:00:00
OC104	ABWD	19:32:00	19:44:00 2A11	00:12:00
OC104	WSTBRNP	20:13:30	20:13:30 2A11	00:00:00
OC104	HTRWTM4	20:40:00	21:02:00 2A22	00:22:00
OC104	WSTBRNP	21:30:00	21:30:00 2A22	00:00:00
OC104	ABWD	22:00:00	22:14:00 2A31	00:14:00
OC104	WSTBRNP	22:43:30	22:43:30 2A31	00:00:00
OC104	HTRWTM4	23:10:00	23:32:00 2A42	00:22:00
OC104	WSTBRNP	00:00:00	00:00:00 2A42	00:00:00
OC104	ABWD	00:30:00	00:37:00 5A42	00:07:00
OC104	PLUMSDG	00:46:00		

Diagram OC105		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC105	GIDEPKS		04:49:00	5A13	
OC105	SHENFLD	04:58:30	05:06:00	2A13	00:07:30
OC105	WSTBRNP	05:58:30	05:58:30	2A13	00:00:00
OC105	HTRWTM4	06:25:00	06:47:00	2A20	00:22:00
OC105	WSTBRNP	07:15:00	07:15:00	2A20	00:00:00
OC105	ABWD	07:47:00	07:54:00	2B29	00:07:00
OC105	WSTBRNP	08:24:30	08:24:30	2B29	00:00:00
OC105	MDNHEAD	09:00:00	09:15:00	2B36	00:15:00
OC105	WSTBRNP	09:49:00	09:49:00	2B36	00:00:00
OC105	ILFORD	10:18:00	10:18:30	2B36	00:00:30
OC105	SHENFLD	10:42:30	10:54:30	2W53	00:12:00
OC105	PADTONX	11:45:00	11:46:00	5D53	00:01:00
OC105	WSTBRNP	11:47:00	11:47:00	5D53	00:00:00
OC105	OLDOXRB	11:53:00	11:53:00	5D53	00:00:00
OC105	OLDOXRW	12:00:30	12:00:30	5D53	00:00:00
OC105	OLDOXRD	12:03:30	13:25:30	5T54	01:22:00
OC105	OLDOXRW	13:28:30	13:28:30	5T54	00:00:00
OC105	OLDOXRB	13:33:00	13:33:00	5T54	00:00:00
OC105	WSTBRNP	13:37:00	13:37:00	5T54	00:00:00
OC105	PADTONX	13:38:00	13:39:30	2T54	00:01:30
OC105	ABWD	14:09:30	14:21:30	2T63	00:12:00
OC105	PADTONX	14:49:00	14:50:00	5T63	00:01:00

OC105	WSTBRNP	14:52:00	15:10:30 5W82	00:18:30
OC105	PADTONX	15:12:30	15:13:30 2W82	00:01:00
OC105	ILFORD	15:40:00	15:40:30 2W82	00:00:30
OC105	SHENFLD	16:04:30	16:13:30 2W03	00:09:00
OC105	PADTONX	17:04:00	17:05:00 5W03	00:01:00
OC105	WSTBRNP	17:07:00	17:16:30 5W12	00:09:30
OC105	PADTONX	17:18:30	17:19:30 2W12	00:01:00
OC105	ILFORD	17:46:00	17:46:30 2W12	00:00:30
OC105	SHENFLD	18:09:00	18:17:00 2B95	00:08:00
OC105	WSTBRNP	19:09:30	19:09:30 2B95	00:00:00
OC105	MDNHEAD	19:42:00	19:57:30 2B04	00:15:30
OC105	WSTBRNP	20:34:00	20:34:00 2B04	00:00:00
OC105	ILFORD	21:02:30	21:03:00 2B04	00:00:30
OC105	SHENFLD	21:29:00	21:36:00 2A29	00:07:00
OC105	WSTBRNP	22:28:30	22:28:30 2A29	00:00:00
OC105	HTRWTM4	22:55:00	23:17:00 2A40	00:22:00
OC105	WSTBRNP	23:45:00	23:45:00 2A40	00:00:00
OC105	ILFORD	00:13:30	00:14:00 2A40	00:00:30
OC105	SHENFLD	00:36:30	00:43:30 5A40	00:07:00
OC105	GIDEPKS	00:53:00		

## Diagram OC106

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC106	ILFEMUD		04:50:00	5B11	
OC106	SHENFLD	05:08:30	05:16:00	2B11	00:07:30
OC106	WSTBRNP	06:08:30	06:08:30	2B11	00:00:00
OC106	MDNHEAD	06:42:00	06:57:30	2B18	00:15:30
OC106	WSTBRNP	07:34:00	07:34:00	2B18	00:00:00
OC106	ABWD	08:04:30	08:14:00	2A35	00:09:30
OC106	WSTBRNP	08:43:30	08:43:30	2A35	00:00:00
OC106	HTRWTM4	09:10:00	09:32:00	2A30	00:22:00
OC106	WSTBRNP	10:00:00	10:00:00	2A30	00:00:00
OC106	ABWD	10:32:00	10:44:00	2A39	00:12:00
OC106	WSTBRNP	11:13:30	11:13:30	2A39	00:00:00
OC106	HTRWTM4	11:40:00	12:02:00	2A50	00:22:00
OC106	WSTBRNP	12:30:00	12:30:00	2A50	00:00:00
OC106	ABWD	13:02:00	13:14:00	2A59	00:12:00
OC106	WSTBRNP	13:43:30	13:43:30	2A59	00:00:00
OC106	HTRWTM4	14:10:00	14:32:00	2A70	00:22:00
OC106	WSTBRNP	15:00:00	15:00:00	2A70	00:00:00
OC106	ABWD	15:32:00	15:42:30	2A79	00:10:30
OC106	WSTBRNP	16:13:30	16:13:30	2A79	00:00:00
OC106	HTRWTM4	16:40:00	17:02:00	2A90	00:22:00
OC106	WSTBRNP	17:30:00	17:30:00	2A90	00:00:00
OC106	WOLWCHX	17:56:30	17:57:30	5A90	00:01:00
OC106	PLUMSDG	18:09:00			



Diagram OC107		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC107	OLDOXRD		04:52:30	5A07	
OC107	OLDOXRW	04:55:30	04:55:30	5A07	00:00:00
OC107	OLDOXRB	05:00:00	05:00:00	5A07	00:00:00
OC107	PADTON	05:05:00	05:12:00	2A07	00:07:00
OC107	HTRWTM4	05:40:00	06:02:00	2A14	00:22:00
OC107	WSTBRNP	06:30:00	06:30:00	2A14	00:00:00
OC107	ABWD	07:00:00	07:06:30	2T17	00:06:30
OC107	PADTONX	07:34:00	07:35:00	5T17	00:01:00
OC107	WSTBRNP	07:37:00	07:46:30	5W26	00:09:30
OC107	PADTONX	07:48:30	07:49:30	2W26	00:01:00
OC107	ILFORD	08:16:00	08:16:30	2W26	00:00:30
OC107	SHENFLD	08:39:00	08:46:30	2B39	00:07:30
OC107	WSTBRNP	09:39:30	09:39:30	2B39	00:00:00
OC107	MDNHEAD	10:12:00	10:27:30	2B28	00:15:30
OC107	WSTBRNP	11:04:00	11:04:00	2B28	00:00:00
OC107	ILFORD	11:32:30	11:33:00	2B28	00:00:30
OC107	SHENFLD	11:57:30	12:09:30	2W63	00:12:00
OC107	PADTONX	13:00:00	13:01:00	5D63	00:01:00
OC107	WSTBRNP	13:02:00	13:02:00	5D63	00:00:00
OC107	OLDOXRB	13:08:00	13:08:00	5D63	00:00:00
OC107	OLDOXRW	13:15:30	13:15:30	5D63	00:00:00
OC107	OLDOXRD	13:18:30	14:55:30	5T66	01:37:00
OC107	OLDOXRW	14:58:30	14:58:30	5T66	00:00:00
OC107	OLDOXRB	15:03:00	15:03:00	5T66	00:00:00
OC107	WSTBRNP	15:07:00	15:07:00	5T66	00:00:00
OC107	PADTONX	15:08:00	15:09:30	2T66	00:01:30
OC107	ABWD	15:39:30	15:48:30	2S51	00:09:00
OC107	WSTBRNP	16:18:00	16:18:00	2S51	00:00:00
OC107	WDRYTON	16:36:00	16:49:00	2W08	00:13:00
OC107	WSTBRNP	17:07:30	17:07:30	2W08	00:00:00
OC107	ILFORD	17:36:00	17:36:30	2W08	00:00:30
OC107	SHENFLD	18:01:30	18:10:30	2W41	00:09:00
OC107	PADTONX	19:01:00	19:02:00	5W41	00:01:00
OC107	WSTBRNP	19:04:00	19:21:30	5T06	00:17:30
OC107	PADTONX	19:23:30	19:24:30	2T06	00:01:00
OC107	ABWD	19:54:30	20:06:30	2T03	00:12:00
OC107	PADTONX	20:34:00	20:35:00	5T03	00:01:00
OC107	WSTBRNP	20:37:00	20:51:30	5T18	00:14:30
OC107	PADTONX	20:53:30	20:54:30	2T18	00:01:00
OC107	ABWD	21:24:30	21:36:30	2T15	00:12:00
OC107	PADTONX	22:04:00	22:05:00	5T15	00:01:00
OC107	WSTBRNP	22:07:00	22:24:00	5W68	00:17:00
OC107	PADTONX	22:26:00	22:27:00	2W68	00:01:00

OC107	ILFORD	22:53:30	22:54:00 2W68	00:00:30
OC107	SHENFLD	23:16:30	23:26:00 2W71	00:09:30
OC107	PADTONX	00:16:30	00:17:30 5D71	00:01:00
OC107	WSTBRNP	00:18:30	00:18:30 5D71	00:00:00
OC107	OLDOXRB	00:23:30	00:23:30 5D71	00:00:00
OC107	OLDOXRW	00:31:00	00:31:00 5D71	00:00:00
OC107	OLDOXRD	00:34:00		

## Diagram OC108

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC108	ILFEMUD		05:00:30	5W03	
OC108	SHENFLD	05:19:00	05:26:00	2W03	00:07:00
OC108	WSTBRNP	06:18:30	06:18:30	2W03	00:00:00
OC108	WDRYTON	06:38:00	06:50:00	2W16	00:12:00
OC108	WSTBRNP	07:07:30	07:07:30	2W16	00:00:00
OC108	ILFORD	07:36:00	07:36:30	2W16	00:00:30
OC108	SHENFLD	07:59:00	08:08:30	2W47	00:09:30
OC108	PADTONX	08:59:00	09:00:00	5D47	00:01:00
OC108	WSTBRNP	09:01:00	09:01:00	5D47	00:00:00
OC108	OLDOXRB	09:10:30	09:18:30	5T34	00:08:00
OC108	WSTBRNP	09:22:30	09:22:30	5T34	00:00:00
OC108	PADTONX	09:23:30	09:24:30	2T34	00:01:00
OC108	WOLWCHX	09:49:00	09:50:00	5T34	00:01:00
OC108	PLUMSDG	10:01:30	16:50:00	5A89	06:48:30
OC108	WOLWCHX	17:01:30	17:02:30	2A89	00:01:00
OC108	WSTBRNP	17:28:30	17:28:30	2A89	00:00:00
OC108	HTRWMT4	17:55:00	18:17:00	2A00	00:22:00
OC108	WSTBRNP	18:45:00	18:45:00	2A00	00:00:00
OC108	ABWD	19:17:00	19:29:00	2A09	00:12:00
OC108	WSTBRNP	19:58:30	19:58:30	2A09	00:00:00
OC108	HTRWMT4	20:25:00	20:47:00	2A20	00:22:00
OC108	WSTBRNP	21:15:00	21:15:00	2A20	00:00:00
OC108	ABWD	21:47:00	21:54:00	2B21	00:07:00
OC108	WSTBRNP	22:24:30	22:24:30	2B21	00:00:00
OC108	MDNHEAD	22:57:00	23:15:00	2B30	00:18:00
OC108	WSTBRNP	23:49:00	23:49:00	2B30	00:00:00
OC108	ABWD	00:20:00	00:27:00	5B30	00:07:00
OC108	PLUMSDG	00:36:00			

## Diagram OC109

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC109	OLDOXRD		05:03:30	5B05	
OC109	OLDOXRW	05:06:30	05:06:30	5B05	00:00:00
OC109	OLDOXRB	05:11:00	05:11:00	5B05	00:00:00
OC109	PADTON	05:16:00	05:23:00	2B05	00:07:00
OC109	MDNHEAD	06:00:00	06:01:00	5B12	00:01:00

OC109	MDNHEAD	06:12:00	06:15:00 2B12	00:03:00
OC109	WSTBRNP	06:49:00	06:49:00 2B12	00:00:00
OC109	ILFORD	07:17:30	07:18:00 2B12	00:00:30
OC109	SHENFLD	07:40:30	07:48:30 2W39	00:08:00
OC109	WSTBRNP	08:41:00	08:41:00 2W39	00:00:00
OC109	WDRYTON	09:06:30	09:20:00 2W64	00:13:30
OC109	WSTBRNP	09:37:30	09:37:30 2W64	00:00:00
OC109	ILFORD	10:06:00	10:06:30 2W64	00:00:30
OC109	SHENFLD	10:29:00	10:39:30 2W51	00:10:30
OC109	PADTONX	11:30:00	11:31:00 5D51	00:01:00
OC109	WSTBRNP	11:32:00	11:32:00 5D51	00:00:00
OC109	OLDOXRB	11:37:00	11:37:00 5D51	00:00:00
OC109	OLDOXRW	11:44:30	11:44:30 5D51	00:00:00
OC109	OLDOXRD	11:47:30	12:15:00 5W60	00:27:30
OC109	OLDOXRW	12:18:00	12:18:00 5W60	00:00:00
OC109	OLDOXRB	12:22:30	12:22:30 5W60	00:00:00
OC109	WSTBRNP	12:26:30	12:26:30 5W60	00:00:00
OC109	PADTONX	12:27:30	12:28:30 2W60	00:01:00
OC109	ILFORD	12:55:00	12:55:30 2W60	00:00:30
OC109	SHENFLD	13:20:00	13:32:00 2B55	00:12:00
OC109	WSTBRNP	14:24:30	14:24:30 2B55	00:00:00
OC109	MDNHEAD	15:00:00	15:15:00 2B66	00:15:00
OC109	WSTBRNP	15:49:00	15:49:00 2B66	00:00:00
OC109	ILFORD	16:17:30	16:18:00 2B66	00:00:30
OC109	SHENFLD	16:42:00	16:48:30 2W17	00:06:30
OC109	PADTONX	17:39:00	17:40:00 5W17	00:01:00
OC109	WSTBRNP	17:42:00	17:51:30 5W28	00:09:30
OC109	PADTONX	17:53:30	17:54:30 2W26	00:01:00
OC109	ILFORD	18:21:00	18:21:30 2W26	00:00:30
OC109	SHENFLD	18:45:00	18:54:30 2W47	00:09:30
OC109	PADTONX	19:45:00	19:46:00 5W47	00:01:00
OC109	WSTBRNP	19:48:00	19:55:30 5W50	00:07:30
OC109	PADTONX	19:57:30	19:58:30 2W50	00:01:00
OC109	ILFORD	20:25:00	20:25:30 2W50	00:00:30
OC109	SHENFLD	20:50:00	21:02:00 2B17	00:12:00
OC109	WSTBRNP	21:54:30	21:54:30 2B17	00:00:00
OC109	MDNHEAD	22:30:00	22:45:00 2B26	00:15:00
OC109	WSTBRNP	23:19:00	23:19:00 2B26	00:00:00
OC109	ABWD	23:50:00	00:04:00 2T21	00:14:00
OC109	PADTONX	00:31:30	00:32:30 5D21	00:01:00
OC109	WSTBRNP	00:33:30	00:33:30 5D21	00:00:00
OC109	OLDOXRB	00:38:00	00:38:00 5D21	00:00:00
OC109	OLDOXRW	00:45:30	00:45:30 5D21	00:00:00
OC109	OLDOXRD	00:48:30		

Diagram OC110

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC110	PLUMSDG		05:07:30	5B09	
OC110	ABWD	05:17:00	05:24:00	2B09	00:07:00
OC110	WSTBRNP	05:54:30	05:54:30	2B09	00:00:00
OC110	MDNHEAD	06:30:00	06:45:00	2B16	00:15:00
OC110	WSTBRNP	07:19:00	07:19:00	2B16	00:00:00
OC110	ILFORD	07:48:00	07:48:30	2B16	00:00:30
OC110	SHENFLD	08:11:30	08:18:30	2W51	00:07:00
OC110	PADTONX	09:09:00	09:10:00	5D51	00:01:00
OC110	WSTBRNP	09:12:00	09:15:30	5D51	00:03:30
OC110	OLDOXRB	09:22:00	09:22:00	5D51	00:00:00
OC110	OLDOXRW	09:29:30	09:29:30	5D51	00:00:00
OC110	OLDOXRD	09:32:30	10:00:00	5W42	00:27:30
OC110	OLDOXRW	10:03:00	10:03:00	5W42	00:00:00
OC110	OLDOXRB	10:07:30	10:07:30	5W42	00:00:00
OC110	WSTBRNP	10:11:30	10:11:30	5W42	00:00:00
OC110	PADTONX	10:12:30	10:13:30	2W42	00:01:00
OC110	ILFORD	10:40:00	10:40:30	2W42	00:00:30
OC110	SHENFLD	11:04:30	11:17:00	2B37	00:12:30
OC110	WSTBRNP	12:09:30	12:09:30	2B37	00:00:00
OC110	MDNHEAD	12:42:00	12:57:30	2B48	00:15:30
OC110	WSTBRNP	13:34:00	13:34:00	2B48	00:00:00
OC110	ILFORD	14:02:30	14:03:00	2B48	00:00:30
OC110	SHENFLD	14:27:30	14:39:30	2W83	00:12:00
OC110	PADTONX	15:30:00	15:31:00	5D83	00:01:00
OC110	WSTBRNP	15:32:00	15:32:00	5D83	00:00:00
OC110	OLDOXRB	15:37:00	15:37:00	5D83	00:00:00
OC110	OLDOXRW	15:44:30	15:44:30	5D83	00:00:00
OC110	OLDOXRD	15:47:30	16:26:00	5W96	00:38:30
OC110	OLDOXRW	16:29:00	16:29:00	5W96	00:00:00
OC110	OLDOXRB	16:33:30	16:33:30	5W96	00:00:00
OC110	WSTBRNP	16:37:30	16:37:30	5W96	00:00:00
OC110	PADTONX	16:38:30	16:39:30	2W96	00:01:00
OC110	ILFORD	17:06:00	17:06:30	2W96	00:00:30
OC110	GIDEAPK	17:18:30	17:19:30	5W96	00:01:00
OC110	GIDEPKS	17:21:30			

## Diagram OC111

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC111	OLDOXRD		05:07:30	5A09	
OC111	OLDOXRW	05:10:30	05:10:30	5A09	00:00:00
OC111	OLDOXRB	05:15:00	05:15:00	5A09	00:00:00
OC111	PADTON	05:20:00	05:27:00	2A09	00:07:00
OC111	HTRWTM4	05:55:00	06:17:00	2A16	00:22:00
OC111	WSTBRNP	06:45:00	06:45:00	2A16	00:00:00
OC111	ABWD	07:15:30	07:24:00	2B25	00:08:30



OC111	WSTBRNP	07:54:30	07:54:30 2B25	00:00:00
OC111	MDNHEAD	08:30:00	08:31:00 5B32	00:01:00
OC111	MDNHEAD	08:42:00	08:45:00 2B32	00:03:00
OC111	WSTBRNP	09:19:00	09:19:00 2B32	00:00:00
OC111	ILFORD	09:48:00	09:48:30 2B32	00:00:30
OC111	SHENFLD	10:12:30	10:19:30 5B32	00:07:00
OC111	GIDEPKS	10:30:00	15:19:00 5W93	04:49:00
OC111	SHENFLD	15:31:00	15:40:30 2W93	00:09:30
OC111	PADTONX	16:31:00	16:32:00 5W93	00:01:00
OC111	WSTBRNP	16:34:00	16:41:30 5W98	00:07:30
OC111	PADTONX	16:43:30	16:44:30 2W98	00:01:00
OC111	ILFORD	17:11:00	17:11:30 2W98	00:00:30
OC111	SHENFLD	17:34:00	17:40:30 2W35	00:06:30
OC111	PADTONX	18:31:00	18:32:00 5W35	00:01:00
OC111	WSTBRNP	18:34:00	18:39:30 5T00	00:05:30
OC111	PADTONX	18:41:30	18:42:30 2T00	00:01:00
OC111	ABWD	19:10:30	19:21:30 2T97	00:11:00
OC111	PADTONX	19:49:00	19:50:00 5D97	00:01:00
OC111	WSTBRNP	19:51:00	19:51:00 5D97	00:00:00
OC111	OLDOXRB	19:56:00	19:56:00 5D97	00:00:00
OC111	OLDOXRW	20:03:30	20:03:30 5D97	00:00:00
OC111	OLDOXRD	20:06:30		

Diagram OC112			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC112	MDNHDRS		05:12:00	5B04	
OC112	MDNHEAD	05:14:00	05:15:00	2B04	00:01:00
OC112	WSTBRNP	05:49:00	05:49:00	2B04	00:00:00
OC112	WOLWCHX	06:16:30	06:17:30	5B04	00:01:00
OC112	PLUMSDG	06:29:00	07:25:30	5T21	00:56:30
OC112	WOLWCHX	07:37:00	07:37:30	2T21	00:00:30
OC112	PADTONX	08:01:30	08:02:30	5T21	00:01:00
OC112	WSTBRNP	08:04:30	08:11:30	5W36	00:07:00
OC112	PADTONX	08:13:30	08:14:30	2W36	00:01:00
OC112	ILFORD	08:41:00	08:41:30	2W36	00:00:30
OC112	SHENFLD	09:04:00	09:06:00	5W36	00:02:00
OC112	SHENFDS	09:08:00	16:00:30	5W99	06:52:30
OC112	SHENFLD	16:02:30	16:03:30	2W99	00:01:00
OC112	PADTONX	16:54:00	16:55:00	5W99	00:01:00
OC112	WSTBRNP	16:57:00	17:09:00	5T86	00:12:00
OC112	PADTONX	17:11:00	17:12:00	2T86	00:01:00
OC112	ABWD	17:42:00	17:49:00	2S59	00:07:00
OC112	WSTBRNP	18:18:30	18:18:30	2S59	00:00:00
OC112	WDRYTON	18:36:00	18:50:00	5D59	00:14:00
OC112	OLDOECL	19:09:00	19:16:00	5D59	00:07:00
OC112	OLDOXRD	19:24:00	19:55:30	5T12	00:31:30

OC112	OLDOXRW	19:58:30	19:58:30 5T12	00:00:00
OC112	OLDOXRB	20:03:00	20:03:00 5T12	00:00:00
OC112	WSTBRNP	20:07:00	20:07:00 5T12	00:00:00
OC112	PADTONX	20:08:00	20:09:30 2T12	00:01:30
OC112	ABWD	20:39:30	20:51:30 2T09	00:12:00
OC112	PADTONX	21:19:00	21:20:00 5T09	00:01:00
OC112	WSTBRNP	21:22:00	21:40:30 5W64	00:18:30
OC112	PADTONX	21:42:30	21:43:30 2W64	00:01:00
OC112	ILFORD	22:10:00	22:10:30 2W64	00:00:30
OC112	SHENFLD	22:33:00	22:46:00 2B31	00:13:00
OC112	WSTBRNP	23:39:30	23:39:30 2B31	00:00:00
OC112	MDNHEAD	00:12:00	00:13:00 5B31	00:01:00
OC112	MDNHDRS	00:15:00		

Diagram OC113		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC113	ILFEMUD		05:12:00	5W05	
OC113	SHENFLD	05:30:30	05:39:30	2W05	00:09:00
OC113	PADTONX	06:30:00	06:31:00	5W05	00:01:00
OC113	WSTBRNP	06:33:00	06:40:30	5W12	00:07:30
OC113	PADTONX	06:42:30	06:43:30	2W12	00:01:00
OC113	ILFORD	07:10:00	07:10:30	2W12	00:00:30
OC113	SHENFLD	07:33:00	07:38:30	2W35	00:05:30
OC113	PADTONX	08:29:00	08:30:00	5W35	00:01:00
OC113	WSTBRNP	08:32:00	08:41:30	5W48	00:09:30
OC113	PADTONX	08:43:30	08:44:30	2W48	00:01:00
OC113	ILFORD	09:11:00	09:11:30	2W48	00:00:30
OC113	SHENFLD	09:34:00	09:39:30	2W43	00:05:30
OC113	PADTONX	10:30:00	10:31:00	5D43	00:01:00
OC113	WSTBRNP	10:32:00	10:32:00	5D43	00:00:00
OC113	OLDOXRB	10:36:30	10:36:30	5D43	00:00:00
OC113	OLDOXRW	10:44:00	10:44:00	5D43	00:00:00
OC113	OLDOXRD	10:47:00	12:25:30	5T46	01:38:30
OC113	OLDOXRW	12:28:30	12:28:30	5T46	00:00:00
OC113	OLDOXRB	12:33:00	12:33:00	5T46	00:00:00
OC113	WSTBRNP	12:37:00	12:37:00	5T46	00:00:00
OC113	PADTONX	12:38:00	12:39:30	2T46	00:01:30
OC113	ABWD	13:09:30	13:21:30	2T55	00:12:00
OC113	PADTONX	13:49:00	13:50:00	5T55	00:01:00
OC113	WSTBRNP	13:52:00	14:10:30	5W74	00:18:30
OC113	PADTONX	14:12:30	14:13:30	2W74	00:01:00
OC113	ILFORD	14:40:00	14:40:30	2W74	00:00:30
OC113	SHENFLD	15:05:00	15:16:30	2B69	00:11:30
OC113	WSTBRNP	16:09:30	16:09:30	2B69	00:00:00
OC113	MDNHEAD	16:42:00	16:43:00	5B80	00:01:00
OC113	MDNHEAD	16:56:30	16:57:30	2B80	00:01:00

OC113	WSTBRNP	17:34:00	17:34:00	2B80	00:00:00
OC113	ABWD	18:05:00	18:12:30	2A99	00:07:30
OC113	WSTBRNP	18:43:30	18:43:30	2A99	00:00:00
OC113	HTRWTM4	19:10:00	19:32:00	2A10	00:22:00
OC113	WSTBRNP	20:00:00	20:00:00	2A10	00:00:00
OC113	ABWD	20:32:00	20:44:00	2A19	00:12:00
OC113	WSTBRNP	21:13:30	21:13:30	2A19	00:00:00
OC113	HTRWTM4	21:40:00	22:02:00	2A30	00:22:00
OC113	WSTBRNP	22:30:00	22:30:00	2A30	00:00:00
OC113	ABWD	23:00:00	23:14:00	2A39	00:14:00
OC113	WSTBRNP	23:43:30	23:43:30	2A39	00:00:00
OC113	HAYESAH	00:00:00	00:11:30	5D39	00:11:30
OC113	OLDOECL	00:26:30	00:33:30	5D39	00:07:00
OC113	OLDOXRD	00:41:30			

## Diagram OC114

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC114	GIDEPKS		05:15:30	5B13	
OC114	SHENFLD	05:25:00	05:32:00	2B13	00:07:00
OC114	WSTBRNP	06:24:30	06:24:30	2B13	00:00:00
OC114	MDNHEAD	07:00:00	07:15:00	2B20	00:15:00
OC114	WSTBRNP	07:49:00	07:49:00	2B20	00:00:00
OC114	ABWD	08:22:00	08:29:00	2A37	00:07:00
OC114	WSTBRNP	08:58:30	08:58:30	2A37	00:00:00
OC114	HTRWTM4	09:25:00	09:47:00	2A32	00:22:00
OC114	WSTBRNP	10:15:00	10:15:00	2A32	00:00:00
OC114	ABWD	10:47:00	10:59:00	2A41	00:12:00
OC114	WSTBRNP	11:28:30	11:28:30	2A41	00:00:00
OC114	HTRWTM4	11:55:00	12:17:00	2A52	00:22:00
OC114	WSTBRNP	12:45:00	12:45:00	2A52	00:00:00
OC114	ABWD	13:17:00	13:29:00	2A61	00:12:00
OC114	WSTBRNP	13:58:30	13:58:30	2A61	00:00:00
OC114	HTRWTM4	14:25:00	14:47:00	2A72	00:22:00
OC114	WSTBRNP	15:15:00	15:15:00	2A72	00:00:00
OC114	ABWD	15:47:00	15:54:30	2B73	00:07:30
OC114	WSTBRNP	16:24:30	16:24:30	2B73	00:00:00
OC114	MDNHEAD	17:00:00	17:01:00	5B82	00:01:00
OC114	MDNHEAD	17:12:00	17:15:00	2B82	00:03:00
OC114	WSTBRNP	17:49:00	17:49:00	2B82	00:00:00
OC114	ABWD	18:21:30	18:30:30	2T89	00:09:00
OC114	PADTONX	18:58:00	18:59:00	5T89	00:01:00
OC114	WSTBRNP	19:01:00	19:10:30	5W44	00:09:30
OC114	PADTONX	19:12:30	19:13:30	2W44	00:01:00
OC114	ILFORD	19:40:00	19:40:30	2W44	00:00:30
OC114	SHENFLD	20:05:00	20:16:00	2B11	00:11:00
OC114	WSTBRNP	21:09:30	21:09:30	2B11	00:00:00



OC114	MDNHEAD	21:42:00	21:57:30 2B20	00:15:30
OC114	WSTBRNP	22:34:00	22:34:00 2B20	00:00:00
OC114	ILFORD	23:03:30	23:04:00 2B20	00:00:30
OC114	SHENFLD	23:29:00	23:36:00 2A45	00:07:00
OC114	WSTBRNP	00:28:30	00:28:30 2A45	00:00:00
OC114	HAYESAH	00:46:00	00:53:00 5D45	00:07:00
OC114	PADTON	01:06:30	01:13:30 5D45	00:07:00
OC114	OLDOXRB	01:19:00	01:19:00 5D45	00:00:00
OC114	OLDOXRW	01:26:30	01:26:30 5D45	00:00:00
OC114	OLDOXRD	01:29:30		

Diagram OC115		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC115	PLUMSDG		05:17:30	5T03	
OC115	ABWD	05:27:00	05:34:00	2T03	00:07:00
OC115	PADTONX	06:01:30	06:02:30	5T03	00:01:00
OC115	WSTBRNP	06:04:30	06:10:30	5W08	00:06:00
OC115	PADTONX	06:12:30	06:13:30	2W08	00:01:00
OC115	ILFORD	06:40:00	06:40:30	2W08	00:00:30
OC115	SHENFLD	07:03:00	07:08:30	2W23	00:05:30
OC115	PADTONX	07:59:00	08:00:00	5D23	00:01:00
OC115	WSTBRNP	08:01:00	08:01:00	5D23	00:00:00
OC115	OLDOXRB	08:06:30	08:23:30	5W42	00:17:00
OC115	WSTBRNP	08:27:30	08:27:30	5W42	00:00:00
OC115	PADTONX	08:28:30	08:29:30	2W42	00:01:00
OC115	ILFORD	08:56:00	08:56:30	2W42	00:00:30
OC115	SHENFLD	09:19:00	09:24:30	2W41	00:05:30
OC115	PADTONX	10:15:00	10:16:00	5W41	00:01:00
OC115	WSTBRNP	10:18:00	10:25:30	5W44	00:07:30
OC115	PADTONX	10:27:30	10:28:30	2W44	00:01:00
OC115	ILFORD	10:55:00	10:55:30	2W44	00:00:30
OC115	SHENFLD	11:19:30	11:32:00	2B39	00:12:30
OC115	WSTBRNP	12:24:30	12:24:30	2B39	00:00:00
OC115	MDNHEAD	13:00:00	13:15:00	2B50	00:15:00
OC115	WSTBRNP	13:49:00	13:49:00	2B50	00:00:00
OC115	ILFORD	14:17:30	14:18:00	2B50	00:00:30
OC115	SHENFLD	14:42:30	14:54:30	2W85	00:12:00
OC115	PADTONX	15:45:00	15:46:00	5W85	00:01:00
OC115	WSTBRNP	15:48:00	16:06:30	5W90	00:18:30
OC115	PADTONX	16:08:30	16:09:30	2W90	00:01:00
OC115	ILFORD	16:36:00	16:36:30	2W90	00:00:30
OC115	SHENFLD	17:01:30	17:08:30	2W25	00:07:00
OC115	PADTONX	17:59:00	18:00:00	5W25	00:01:00
OC115	WSTBRNP	18:02:00	18:09:30	5T94	00:07:30
OC115	PADTONX	18:11:30	18:12:30	2T94	00:01:00
OC115	ABWD	18:41:00	18:51:00	2T93	00:10:00

OC115	PADTONX	19:19:00	19:20:00	5T93	00:01:00
OC115	WSTBRNP	19:22:00	19:40:30	5W48	00:18:30
OC115	PADTONX	19:42:30	19:43:30	2W48	00:01:00
OC115	ILFORD	20:10:00	20:10:30	2W48	00:00:30
OC115	SHENFLD	20:35:00	20:47:00	2B15	00:12:00
OC115	WSTBRNP	21:39:30	21:39:30	2B15	00:00:00
OC115	MDNHEAD	22:12:00	22:27:30	2B24	00:15:30
OC115	WSTBRNP	23:04:00	23:04:00	2B24	00:00:00
OC115	ILFORD	23:33:30	23:34:00	2B24	00:00:30
OC115	SHENFLD	23:56:30	23:57:30	5B24	00:01:00
OC115	SHENFDS	23:59:30			

Diagram OC116		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC116	ILFEMUD		05:20:00	5W04	
OC116	LIVST	05:37:00	05:46:00	2W04	00:09:00
OC116	ILFORD	06:01:30	06:02:00	2W04	00:00:30
OC116	SHENFLD	06:25:30	06:34:30	2A25	00:09:00
OC116	WSTBRNP	07:28:30	07:28:30	2A25	00:00:00
OC116	HTRWTM4	07:55:00	08:17:00	2A32	00:22:00
OC116	WSTBRNP	08:45:00	08:45:00	2A32	00:00:00
OC116	ABWD	09:15:30	09:24:30	2B41	00:09:00
OC116	WSTBRNP	09:54:30	09:54:30	2B41	00:00:00
OC116	MDNHEAD	10:30:00	10:45:00	2B30	00:15:00
OC116	WSTBRNP	11:19:00	11:19:00	2B30	00:00:00
OC116	ILFORD	11:47:30	11:48:00	2B30	00:00:30
OC116	SHENFLD	12:12:30	12:24:30	2W65	00:12:00
OC116	PADTONX	13:15:00	13:16:00	5D65	00:01:00
OC116	WSTBRNP	13:17:00	13:17:00	5D65	00:00:00
OC116	OLDOXRB	13:23:30	13:23:30	5D65	00:00:00
OC116	OLDOXRW	13:31:00	13:31:00	5D65	00:00:00
OC116	OLDOXRD	13:34:00	14:25:30	5T62	00:51:30
OC116	OLDOXRW	14:28:30	14:28:30	5T62	00:00:00
OC116	OLDOXRB	14:33:00	14:33:00	5T62	00:00:00
OC116	WSTBRNP	14:37:00	14:37:00	5T62	00:00:00
OC116	PADTONX	14:38:00	14:39:30	2T62	00:01:30
OC116	ABWD	15:09:30	15:21:30	2T71	00:12:00
OC116	PADTONX	15:49:00	15:50:00	5T71	00:01:00
OC116	WSTBRNP	15:52:00	15:57:30	5W88	00:05:30
OC116	PADTONX	15:59:30	16:00:30	2T74	00:01:00
OC116	ABWD	16:31:30	16:38:30	2B79	00:07:00
OC116	WSTBRNP	17:09:30	17:09:30	2B79	00:00:00
OC116	MDNHEAD	17:42:00	17:43:00	5B88	00:01:00
OC116	MDNHEAD	17:56:30	17:57:30	2B88	00:01:00
OC116	WSTBRNP	18:34:00	18:34:00	2B88	00:00:00
OC116	ABWD	19:05:30	19:14:00	2A07	00:08:30

OC116	WSTBRNP	19:43:30	19:43:30 2A07	00:00:00
OC116	HTRWTM4	20:10:00	20:32:00 2A18	00:22:00
OC116	WSTBRNP	21:00:00	21:00:00 2A18	00:00:00
OC116	ABWD	21:32:00	21:44:00 2A27	00:12:00
OC116	WSTBRNP	22:13:30	22:13:30 2A27	00:00:00
OC116	HTRWTM4	22:40:00	23:02:00 2A38	00:22:00
OC116	WSTBRNP	23:30:00	23:30:00 2A38	00:00:00
OC116	ABWD	00:00:00	00:14:00 2T22	00:14:00
OC116	PADTONX	00:41:30	00:42:30 5T22	00:01:00
OC116	WSTBRNP	00:43:30	00:43:30 5T22	00:00:00
OC116	OLDOXRB	00:48:00	00:48:00 5T22	00:00:00
OC116	OLDOXRW	00:55:30	00:55:30 5T22	00:00:00
OC116	OLDOXRD	00:58:30		

Diagram OC117		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC117	ILFEMUD		05:21:30	5B15	
OC117	SHENFLD	05:40:00	05:47:00	2B15	00:07:00
OC117	WSTBRNP	06:39:30	06:39:30	2B15	00:00:00
OC117	MDNHEAD	07:12:00	07:13:00	5B22	00:01:00
OC117	MDNHEAD	07:26:30	07:27:30	2B22	00:01:00
OC117	WSTBRNP	08:04:00	08:04:00	2B22	00:00:00
OC117	ABWD	08:37:00	08:44:00	2A39	00:07:00
OC117	WSTBRNP	09:13:30	09:13:30	2A39	00:00:00
OC117	HTRWTM4	09:40:00	10:02:00	2A34	00:22:00
OC117	WSTBRNP	10:30:00	10:30:00	2A34	00:00:00
OC117	ABWD	11:02:00	11:14:00	2A43	00:12:00
OC117	WSTBRNP	11:43:30	11:43:30	2A43	00:00:00
OC117	HTRWTM4	12:10:00	12:32:00	2A54	00:22:00
OC117	WSTBRNP	13:00:00	13:00:00	2A54	00:00:00
OC117	ABWD	13:32:00	13:44:00	2A63	00:12:00
OC117	WSTBRNP	14:13:30	14:13:30	2A63	00:00:00
OC117	HTRWTM4	14:40:00	15:02:00	2A74	00:22:00
OC117	WSTBRNP	15:30:00	15:30:00	2A74	00:00:00
OC117	ABWD	16:00:00	16:12:30	2A83	00:12:30
OC117	WSTBRNP	16:43:30	16:43:30	2A83	00:00:00
OC117	HTRWTM4	17:10:00	17:32:00	2A94	00:22:00
OC117	WSTBRNP	18:00:00	18:00:00	2A94	00:00:00
OC117	ABWD	18:30:00	18:37:00	2T91	00:07:00
OC117	PADTONX	19:04:30	19:05:30	5T91	00:01:00
OC117	WSTBRNP	19:06:30	19:06:30	5T91	00:00:00
OC117	OLDOXRB	19:11:30	19:11:30	5T91	00:00:00
OC117	OLDOXRW	19:19:00	19:19:00	5T91	00:00:00
OC117	OLDOXRD	19:22:00	20:00:00	5W52	00:38:00
OC117	OLDOXRW	20:03:00	20:03:00	5W52	00:00:00
OC117	OLDOXRB	20:07:30	20:07:30	5W52	00:00:00

OC117	WSTBRNP	20:11:30	20:11:30 5W52	00:00:00
OC117	PADTONX	20:12:30	20:13:30 2W52	00:01:00
OC117	ILFORD	20:40:00	20:40:30 2W52	00:00:30
OC117	SHENFLD	21:05:00	21:16:00 2B19	00:11:00
OC117	WSTBRNP	22:09:30	22:09:30 2B19	00:00:00
OC117	MDNHEAD	22:42:00	22:57:30 2B28	00:15:30
OC117	WSTBRNP	23:34:00	23:34:00 2B28	00:00:00
OC117	ILFORD	00:03:30	00:04:00 2B28	00:00:30
OC117	SHENFLD	00:26:30	00:33:30 5V28	00:07:00
OC117	ILFEMUD	00:58:30		

Diagram OC118		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC118	MDNHDRS		05:24:00	5B06	
OC118	MDNHEAD	05:26:00	05:27:30	2B06	00:01:30
OC118	WSTBRNP	06:04:00	06:04:00	2B06	00:00:00
OC118	ILFORD	06:33:30	06:34:00	2B06	00:00:30
OC118	SHENFLD	06:56:30	07:13:30	2W25	00:17:00
OC118	PADTONX	08:04:00	08:05:00	5D25	00:01:00
OC118	WSTBRNP	08:06:00	08:06:00	5D25	00:00:00
OC118	OLDOXRB	08:12:00	08:18:30	5W40	00:06:30
OC118	WSTBRNP	08:22:30	08:22:30	5W40	00:00:00
OC118	PADTONX	08:23:30	08:24:30	2W40	00:01:00
OC118	ILFORD	08:51:00	08:51:30	2W40	00:00:30
OC118	SHENFLD	09:14:00	09:15:00	5W40	00:01:00
OC118	SHENFDS	09:17:00	16:20:30	5W07	07:03:30
OC118	SHENFLD	16:22:30	16:23:30	2W07	00:01:00
OC118	PADTONX	17:14:00	17:15:00	5W07	00:01:00
OC118	WSTBRNP	17:17:00	17:24:00	5T88	00:07:00
OC118	PADTONX	17:26:00	17:27:00	2T88	00:01:00
OC118	ABWD	17:57:30	18:06:30	2T87	00:09:00
OC118	PADTONX	18:34:00	18:35:00	5T87	00:01:00
OC118	WSTBRNP	18:37:00	18:42:30	5W40	00:05:30
OC118	PADTONX	18:44:30	18:45:30	2W40	00:01:00
OC118	ILFORD	19:12:00	19:12:30	2W40	00:00:30
OC118	SHENFLD	19:35:00	19:47:00	2B07	00:12:00
OC118	WSTBRNP	20:39:30	20:39:30	2B07	00:00:00
OC118	MDNHEAD	21:12:00	21:27:30	2B16	00:15:30
OC118	WSTBRNP	22:04:00	22:04:00	2B16	00:00:00
OC118	ILFORD	22:33:30	22:34:00	2B16	00:00:30
OC118	SHENFLD	22:59:00	23:06:00	2A41	00:07:00
OC118	WSTBRNP	23:58:30	23:58:30	2A41	00:00:00
OC118	HAYESAH	00:15:00	00:25:00	5D41	00:10:00
OC118	PADTON	00:40:30	00:47:30	5D41	00:07:00
OC118	OLDOXRB	00:53:00	00:53:00	5D41	00:00:00
OC118	OLDOXRW	01:00:30	01:00:30	5D41	00:00:00



OC118 OLDXRD 01:03:30

Diagram OC119		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC119	OLDXRD		05:22:30	5A11	
OC119	OLDXRW	05:25:30	05:25:30	5A11	00:00:00
OC119	OLDXRB	05:30:00	05:30:00	5A11	00:00:00
OC119	PADTON	05:35:00	05:42:00	2A11	00:07:00
OC119	HTRWTM4	06:10:00	06:32:00	2A18	00:22:00
OC119	WSTBRNP	07:00:00	07:00:00	2A18	00:00:00
OC119	ILFORD	07:30:00	07:30:30	2A18	00:00:30
OC119	SHENFLD	07:53:00	07:58:30	2W43	00:05:30
OC119	PADTONX	08:49:00	08:50:00	5D43	00:01:00
OC119	WSTBRNP	08:51:00	08:51:00	5D43	00:00:00
OC119	OLDXRB	08:57:00	08:57:00	5D43	00:00:00
OC119	OLDXRW	09:04:30	09:04:30	5D43	00:00:00
OC119	OLDXRD	09:07:30	09:45:00	5W40	00:37:30
OC119	OLDXRW	09:48:00	09:48:00	5W40	00:00:00
OC119	OLDXRB	09:52:30	09:52:30	5W40	00:00:00
OC119	WSTBRNP	09:56:30	09:56:30	5W40	00:00:00
OC119	PADTONX	09:57:30	09:58:30	2W40	00:01:00
OC119	ILFORD	10:25:00	10:25:30	2W40	00:00:30
OC119	SHENFLD	10:49:30	11:02:00	2B35	00:12:30
OC119	WSTBRNP	11:54:30	11:54:30	2B35	00:00:00
OC119	MDNHEAD	12:30:00	12:45:00	2B46	00:15:00
OC119	WSTBRNP	13:19:00	13:19:00	2B46	00:00:00
OC119	ILFORD	13:47:30	13:48:00	2B46	00:00:30
OC119	SHENFLD	14:12:30	14:24:30	2W81	00:12:00
OC119	PADTONX	15:15:00	15:16:00	5W81	00:01:00
OC119	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
OC119	PADTONX	15:27:30	15:28:30	2W84	00:01:00
OC119	ILFORD	15:55:00	15:55:30	2W84	00:00:30
OC119	SHENFLD	16:21:00	16:28:30	2W09	00:07:30
OC119	PADTONX	17:19:00	17:20:00	5W09	00:01:00
OC119	WSTBRNP	17:22:00	17:31:30	5W18	00:09:30
OC119	PADTONX	17:33:30	17:34:30	2W18	00:01:00
OC119	ILFORD	18:01:00	18:01:30	2W18	00:00:30
OC119	SHENFLD	18:25:30	18:32:00	2B97	00:06:30
OC119	WSTBRNP	19:24:30	19:24:30	2B97	00:00:00
OC119	MDNHEAD	20:00:00	20:15:00	2B06	00:15:00
OC119	WSTBRNP	20:49:00	20:49:00	2B06	00:00:00
OC119	ILFORD	21:17:30	21:18:00	2B06	00:00:30
OC119	SHENFLD	21:42:00	21:50:00	5B06	00:08:00
OC119	ILFEMUD	22:19:30			

Diagram OC120

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC120	PLUMSDG		05:27:30	5A15	
OC120	ABWD	05:37:00	05:44:00	2A15	00:07:00
OC120	WSTBRNP	06:13:30	06:13:30	2A15	00:00:00
OC120	HTRWTM4	06:40:00	07:02:00	2A22	00:22:00
OC120	WSTBRNP	07:30:00	07:30:00	2A22	00:00:00
OC120	ILFORD	08:00:00	08:00:30	2A22	00:00:30
OC120	SHENFLD	08:23:00	08:32:30	2A41	00:09:30
OC120	WSTBRNP	09:28:30	09:28:30	2A41	00:00:00
OC120	HTRWTM4	09:55:00	10:17:00	2A36	00:22:00
OC120	WSTBRNP	10:45:00	10:45:00	2A36	00:00:00
OC120	ABWD	11:17:00	11:29:00	2A45	00:12:00
OC120	WSTBRNP	11:58:30	11:58:30	2A45	00:00:00
OC120	HTRWTM4	12:25:00	12:47:00	2A56	00:22:00
OC120	WSTBRNP	13:15:00	13:15:00	2A56	00:00:00
OC120	ABWD	13:47:00	13:59:00	2A65	00:12:00
OC120	WSTBRNP	14:28:30	14:28:30	2A65	00:00:00
OC120	HTRWTM4	14:55:00	15:17:00	2A76	00:22:00
OC120	WSTBRNP	15:45:00	15:45:00	2A76	00:00:00
OC120	ABWD	16:15:30	16:24:00	2B77	00:08:30
OC120	WSTBRNP	16:54:30	16:54:30	2B77	00:00:00
OC120	MDNHEAD	17:30:00	17:31:00	5B86	00:01:00
OC120	MDNHEAD	17:42:00	17:45:00	2B86	00:03:00
OC120	WSTBRNP	18:19:00	18:19:00	2B86	00:00:00
OC120	ILFORD	18:48:00	18:48:30	2B86	00:00:30
OC120	SHENFLD	19:12:30	19:13:30	5B86	00:01:00
OC120	SHENFDS	19:15:30			

## Diagram OC121

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC121	OLDOXRD		05:28:30	5T02	
OC121	OLDOXRW	05:31:30	05:31:30	5T02	00:00:00
OC121	OLDOXRB	05:36:00	05:36:00	5T02	00:00:00
OC121	WSTBRNP	05:40:00	05:40:00	5T02	00:00:00
OC121	PADTONX	05:41:00	05:42:00	2T02	00:01:00
OC121	ABWD	06:10:00	06:21:30	2T09	00:11:30
OC121	PADTONX	06:49:00	06:50:00	5T09	00:01:00
OC121	WSTBRNP	06:52:00	06:57:30	5T12	00:05:30
OC121	PADTONX	06:59:30	07:00:30	2T12	00:01:00
OC121	ABWD	07:32:00	07:39:00	2B27	00:07:00
OC121	WSTBRNP	08:09:30	08:09:30	2B27	00:00:00
OC121	MDNHEAD	08:42:00	08:43:00	5B34	00:01:00
OC121	MDNHEAD	08:56:30	08:57:30	2B34	00:01:00
OC121	WSTBRNP	09:34:00	09:34:00	2B34	00:00:00
OC121	ABWD	10:04:30	10:14:00	2A35	00:09:30
OC121	WSTBRNP	10:43:30	10:43:30	2A35	00:00:00

OC121	HTRWTM4	11:10:00	11:32:00 2A46	00:22:00
OC121	WSTBRNP	12:00:00	12:00:00 2A46	00:00:00
OC121	ABWD	12:32:00	12:44:00 2A55	00:12:00
OC121	WSTBRNP	13:13:30	13:13:30 2A55	00:00:00
OC121	HTRWTM4	13:40:00	14:02:00 2A66	00:22:00
OC121	WSTBRNP	14:30:00	14:30:00 2A66	00:00:00
OC121	ABWD	15:02:00	15:14:00 2A75	00:12:00
OC121	WSTBRNP	15:43:30	15:43:30 2A75	00:00:00
OC121	HTRWTM4	16:10:00	16:32:00 2A86	00:22:00
OC121	WSTBRNP	17:00:00	17:00:00 2A86	00:00:00
OC121	ABWD	17:32:00	17:39:00 2B87	00:07:00
OC121	WSTBRNP	18:09:30	18:09:30 2B87	00:00:00
OC121	MDNHEAD	18:42:30	18:57:30 2B96	00:15:00
OC121	WSTBRNP	19:34:00	19:34:00 2B96	00:00:00
OC121	ILFORD	20:02:30	20:03:00 2B96	00:00:30
OC121	SHENFLD	20:27:30	20:39:30 2W61	00:12:00
OC121	PADTONX	21:30:00	21:31:00 5D61	00:01:00
OC121	WSTBRNP	21:32:00	21:32:00 5D61	00:00:00
OC121	OLDOXRB	21:37:00	21:37:00 5D61	00:00:00
OC121	OLDOXRW	21:44:30	21:44:30 5D61	00:00:00
OC121	OLDOXRD	21:47:30		

Diagram OC122		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC122	PLUMSDG		05:33:30	5T05	
OC122	ABWD	05:43:00	05:52:00	2T05	00:09:00
OC122	PADTONX	06:19:30	06:20:30	5T05	00:01:00
OC122	WSTBRNP	06:22:30	06:36:30	5T08	00:14:00
OC122	PADTONX	06:38:30	06:39:30	2T08	00:01:00
OC122	ABWD	07:07:30	07:12:30	2A27	00:05:00
OC122	WSTBRNP	07:43:30	07:43:30	2A27	00:00:00
OC122	HTRWTM4	08:10:00	08:32:00	2A34	00:22:00
OC122	WSTBRNP	09:00:00	09:00:00	2A34	00:00:00
OC122	ABWD	09:31:30	09:36:30	2T41	00:05:00
OC122	PADTONX	10:04:00	10:05:00	5T41	00:01:00
OC122	WSTBRNP	10:07:00	10:21:30	5T26	00:14:30
OC122	PADTONX	10:23:30	10:24:30	2T28	00:01:00
OC122	ABWD	10:54:30	11:06:30	2T37	00:12:00
OC122	PADTONX	11:34:00	11:35:00	5T37	00:01:00
OC122	WSTBRNP	11:37:00	11:51:30	5T40	00:14:30
OC122	PADTONX	11:53:30	11:54:30	2T40	00:01:00
OC122	ABWD	12:24:30	12:36:30	2T49	00:12:00
OC122	PADTONX	13:04:00	13:05:00	5T49	00:01:00
OC122	WSTBRNP	13:07:00	13:21:30	5T52	00:14:30
OC122	PADTONX	13:23:30	13:24:30	2T52	00:01:00
OC122	ABWD	13:54:30	14:06:30	2T61	00:12:00



OC122	PADTONX	14:34:00	14:35:00	5T61	00:01:00
OC122	WSTBRNP	14:37:00	14:51:30	5T64	00:14:30
OC122	PADTONX	14:53:30	14:54:30	2T64	00:01:00
OC122	ABWD	15:24:30	15:36:30	2T73	00:12:00
OC122	PADTONX	16:04:00	16:05:00	5T73	00:01:00
OC122	WSTBRNP	16:07:00	16:12:30	5W92	00:05:30
OC122	PADTONX	16:14:30	16:15:30	2W92	00:01:00
OC122	ILFORD	16:42:00	16:42:30	2W92	00:00:30
OC122	SHENFLD	17:07:30	17:13:30	2W27	00:06:00
OC122	PADTONX	18:04:00	18:05:00	5D27	00:01:00
OC122	WSTBRNP	18:06:00	18:06:00	5D27	00:00:00
OC122	OLDOXRB	18:10:30	18:10:30	5D27	00:00:00
OC122	OLDOXRW	18:18:00	18:18:00	5D27	00:00:00
OC122	OLDOXRD	18:21:00	19:15:00	5W46	00:54:00
OC122	OLDOXRW	19:18:00	19:18:00	5W46	00:00:00
OC122	OLDOXRB	19:22:30	19:22:30	5W46	00:00:00
OC122	WSTBRNP	19:26:30	19:26:30	5W46	00:00:00
OC122	PADTONX	19:27:30	19:28:30	2W46	00:01:00
OC122	ILFORD	19:55:00	19:55:30	2W46	00:00:30
OC122	SHENFLD	20:19:00	20:32:00	2B13	00:13:00
OC122	WSTBRNP	21:24:30	21:24:30	2B13	00:00:00
OC122	MDNHEAD	22:00:00	22:15:00	2B22	00:15:00
OC122	WSTBRNP	22:49:00	22:49:00	2B22	00:00:00
OC122	ABWD	23:20:00	23:34:00	2T19	00:14:00
OC122	PADTONX	00:01:30	00:02:30	5T19	00:01:00
OC122	WSTBRNP	00:04:30	00:24:00	5W72	00:19:30
OC122	PADTONX	00:26:00	00:27:00	2W72	00:01:00
OC122	ILFORD	00:53:30	00:54:00	2W72	00:00:30
OC122	SHENFLD	01:16:30	01:23:30	5W72	00:07:00
OC122	GIDEPKS	01:33:00			

Diagram OC123		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC123	OLDOXRD		05:31:00	5T80	
OC123	OLDOXRW	05:34:00	05:34:00	5T80	00:00:00
OC123	OLDOXRB	05:38:30	05:38:30	5T80	00:00:00
OC123	WSTBRNP	05:42:30	05:42:30	5T80	00:00:00
OC123	PADTONX	05:43:30	05:44:30	2T80	00:01:00
OC123	WOLWCHX	06:09:00	06:10:00	5T80	00:01:00
OC123	PLUMSDG	06:21:30	07:10:00	5T19	00:48:30
OC123	WOLWCHX	07:21:30	07:22:00	2T19	00:00:30
OC123	WSTBRNP	07:48:00	07:48:00	2T19	00:00:00
OC123	WDRYTON	08:09:00	08:18:30	2W46	00:09:30
OC123	WSTBRNP	08:37:30	08:37:30	2W46	00:00:00
OC123	ILFORD	09:06:00	09:06:30	2W46	00:00:30
OC123	SHENFLD	09:29:00	09:36:00	5W46	00:07:00

OC123	GIDEPKS	09:47:30	17:31:30	5A97	07:44:00
OC123	GIDEAPK	17:33:30	17:45:00	2A97	00:11:30
OC123	WSTBRNP	18:28:30	18:28:30	2A97	00:00:00
OC123	HTRWTM4	18:55:00	19:17:00	2A08	00:22:00
OC123	WSTBRNP	19:45:00	19:45:00	2A08	00:00:00
OC123	ABWD	20:17:00	20:29:00	2A17	00:12:00
OC123	WSTBRNP	20:58:30	20:58:30	2A17	00:00:00
OC123	HTRWTM4	21:25:00	21:47:00	2A28	00:22:00
OC123	WSTBRNP	22:15:00	22:15:00	2A28	00:00:00
OC123	ILFORD	22:43:30	22:44:00	2A28	00:00:30
OC123	SHENFLD	23:09:00	23:16:00	2B35	00:07:00
OC123	WSTBRNP	00:09:30	00:09:30	2B35	00:00:00
OC123	MDNHEAD	00:45:00	00:46:00	5B35	00:01:00
OC123	MDNHDRS	00:48:00			

## Diagram OC124

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC124	GIDEPKS		05:36:00	5W07	
OC124	SHENFLD	05:45:30	05:54:30	2W07	00:09:00
OC124	PADTONX	06:45:00	06:46:00	5W07	00:01:00
OC124	WSTBRNP	06:48:00	06:54:30	5W14	00:06:30
OC124	PADTONX	06:56:30	06:57:30	2W14	00:01:00
OC124	ILFORD	07:24:00	07:24:30	2W14	00:00:30
OC124	SHENFLD	07:47:00	07:53:30	2W41	00:06:30
OC124	PADTONX	08:44:00	08:45:00	5W41	00:01:00
OC124	WSTBRNP	08:47:00	08:53:00	5T30	00:06:00
OC124	PADTONX	08:55:00	08:57:00	2T30	00:02:00
OC124	WOLWCHX	09:21:30	09:22:30	5T30	00:01:00
OC124	PLUMSDG	09:34:00	16:20:00	5A85	06:46:00
OC124	WOLWCHX	16:31:30	16:32:30	2A85	00:01:00
OC124	WSTBRNP	16:58:30	16:58:30	2A85	00:00:00
OC124	HTRWTM4	17:25:00	17:47:00	2A96	00:22:00
OC124	WSTBRNP	18:15:00	18:15:00	2A96	00:00:00
OC124	ABWD	18:47:00	18:59:00	2A05	00:12:00
OC124	WSTBRNP	19:28:30	19:28:30	2A05	00:00:00
OC124	HTRWTM4	19:55:00	20:17:00	2A16	00:22:00
OC124	WSTBRNP	20:45:00	20:45:00	2A16	00:00:00
OC124	ABWD	21:17:00	21:29:00	2A25	00:12:00
OC124	WSTBRNP	21:58:30	21:58:30	2A25	00:00:00
OC124	HTRWTM4	22:25:00	22:47:00	2A36	00:22:00
OC124	WSTBRNP	23:15:00	23:15:00	2A36	00:00:00
OC124	ILFORD	23:43:30	23:44:00	2A36	00:00:30
OC124	SHENFLD	00:06:30	00:13:30	5V36	00:07:00
OC124	ILFEMUD	00:38:30			

## Diagram OC125

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC125	ILFEMUD		05:36:30	5B17	
OC125	SHENFLD	05:55:00	06:02:00	2B17	00:07:00
OC125	WSTBRNP	06:54:30	06:54:30	2B17	00:00:00
OC125	MDNHEAD	07:30:00	07:31:00	5B24	00:01:00
OC125	MDNHEAD	07:42:00	07:45:00	2B24	00:03:00
OC125	WSTBRNP	08:19:00	08:19:00	2B24	00:00:00
OC125	ABWD	08:52:00	08:58:30	2T33	00:06:30
OC125	PADTONX	09:28:00	09:29:00	5T33	00:01:00
OC125	WSTBRNP	09:31:00	09:39:30	5T38	00:08:30
OC125	PADTONX	09:41:30	09:42:30	2T38	00:01:00
OC125	ABWD	10:10:30	10:21:30	2T31	00:11:00
OC125	PADTONX	10:49:00	10:50:00	5T31	00:01:00
OC125	WSTBRNP	10:52:00	11:10:30	5W50	00:18:30
OC125	PADTONX	11:12:30	11:13:30	2W50	00:01:00
OC125	ILFORD	11:40:00	11:40:30	2W50	00:00:30
OC125	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
OC125	WSTBRNP	13:09:30	13:09:30	2B45	00:00:00
OC125	MDNHEAD	13:42:00	13:57:30	2B56	00:15:30
OC125	WSTBRNP	14:34:00	14:34:00	2B56	00:00:00
OC125	ILFORD	15:02:30	15:03:00	2B56	00:00:30
OC125	SHENFLD	15:27:00	15:34:30	2A81	00:07:30
OC125	WSTBRNP	16:28:30	16:28:30	2A81	00:00:00
OC125	HTRWTM4	16:55:00	17:17:00	2A92	00:22:00
OC125	WSTBRNP	17:45:00	17:45:00	2A92	00:00:00
OC125	ABWD	18:15:30	18:24:30	2B93	00:09:00
OC125	WSTBRNP	18:54:30	18:54:30	2B93	00:00:00
OC125	MDNHEAD	19:30:30	19:31:30	5B02	00:01:00
OC125	MDNHEAD	19:44:30	19:45:00	2B02	00:00:30
OC125	WSTBRNP	20:19:00	20:19:00	2B02	00:00:00
OC125	ILFORD	20:47:30	20:48:00	2B02	00:00:30
OC125	SHENFLD	21:12:00	21:21:00	5B02	00:09:00
OC125	ILFEMUD	21:50:00			

## Diagram OC126

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC126	OLDOXRD		05:36:00	5T82	
OC126	OLDOXRW	05:39:00	05:39:00	5T82	00:00:00
OC126	OLDOXRB	05:43:30	05:43:30	5T82	00:00:00
OC126	WSTBRNP	05:47:30	05:47:30	5T82	00:00:00
OC126	PADTONX	05:48:30	05:49:30	2T82	00:01:00
OC126	ABWD	06:17:30	06:29:00	2A21	00:11:30
OC126	WSTBRNP	06:58:30	06:58:30	2A21	00:00:00
OC126	HTRWTM4	07:25:00	07:47:00	2A28	00:22:00
OC126	WSTBRNP	08:15:00	08:15:00	2A28	00:00:00
OC126	ABWD	08:47:00	08:54:30	2B37	00:07:30

OC126	WSTBRNP	09:24:30	09:24:30 2B37	00:00:00
OC126	MDNHEAD	10:00:00	10:15:00 2B26	00:15:00
OC126	WSTBRNP	10:49:00	10:49:00 2B26	00:00:00
OC126	ILFORD	11:17:30	11:18:00 2B26	00:00:30
OC126	SHENFLD	11:42:30	11:54:30 2W61	00:12:00
OC126	PADTONX	12:45:00	12:46:00 5W61	00:01:00
OC126	WSTBRNP	12:48:00	12:55:30 5W64	00:07:30
OC126	PADTONX	12:57:30	12:58:30 2W64	00:01:00
OC126	ILFORD	13:25:00	13:25:30 2W64	00:00:30
OC126	SHENFLD	13:50:00	14:02:00 2B59	00:12:00
OC126	WSTBRNP	14:54:30	14:54:30 2B59	00:00:00
OC126	MDNHEAD	15:30:00	15:45:00 2B70	00:15:00
OC126	WSTBRNP	16:19:00	16:19:00 2B70	00:00:00
OC126	ILFORD	16:48:00	16:48:30 2B70	00:00:30
OC126	SHENFLD	17:12:30	17:18:30 2W29	00:06:00
OC126	PADTONX	18:09:00	18:10:00 5W29	00:01:00
OC126	WSTBRNP	18:12:00	18:21:30 5T96	00:09:30
OC126	PADTONX	18:23:30	18:24:30 2T96	00:01:00
OC126	WOLWCHX	18:49:00	18:50:00 5T96	00:01:00
OC126	PLUMSDG	19:01:30	22:20:30 5T59	03:19:00
OC126	WOLWCHX	22:32:00	22:35:00 2T59	00:03:00
OC126	PADTONX	22:59:00	23:00:00 5T59	00:01:00
OC126	WSTBRNP	23:01:00	23:01:00 5T59	00:00:00
OC126	OLDOXRB	23:05:30	23:05:30 5T59	00:00:00
OC126	OLDOXRW	23:13:00	23:13:00 5T59	00:00:00
OC126	OLDOXRD	23:16:00		

Diagram OC127		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC127	PLUMSDG		05:41:30	5A17	
OC127	ABWD	05:51:00	05:59:00	2A17	00:08:00
OC127	WSTBRNP	06:28:30	06:28:30	2A17	00:00:00
OC127	HTRWMT4	06:55:00	07:17:00	2A24	00:22:00
OC127	WSTBRNP	07:45:00	07:45:00	2A24	00:00:00
OC127	ABWD	08:17:00	08:24:00	2B33	00:07:00
OC127	WSTBRNP	08:54:30	08:54:30	2B33	00:00:00
OC127	MDNHEAD	09:30:00	09:45:00	2B22	00:15:00
OC127	WSTBRNP	10:19:00	10:19:00	2B22	00:00:00
OC127	ILFORD	10:47:30	10:48:00	2B22	00:00:30
OC127	SHENFLD	11:12:00	11:24:30	2W57	00:12:30
OC127	PADTONX	12:15:00	12:16:00	5D57	00:01:00
OC127	WSTBRNP	12:17:00	12:17:00	5D57	00:00:00
OC127	OLDOXRB	12:23:00	12:23:00	5D57	00:00:00
OC127	OLDOXRW	12:30:30	12:30:30	5D57	00:00:00
OC127	OLDOXRD	12:33:30	13:15:00	5W68	00:41:30
OC127	OLDOXRW	13:18:00	13:18:00	5W68	00:00:00

OC127	OLDOXRB	13:22:30	13:22:30 5W68	00:00:00
OC127	WSTBRNP	13:26:30	13:26:30 5W68	00:00:00
OC127	PADTONX	13:27:30	13:28:30 2W68	00:01:00
OC127	ILFORD	13:55:00	13:55:30 2W68	00:00:30
OC127	SHENFLD	14:20:00	14:32:00 2B63	00:12:00
OC127	WSTBRNP	15:24:30	15:24:30 2B63	00:00:00
OC127	MDNHEAD	16:00:00	16:01:00 5B74	00:01:00
OC127	MDNHEAD	16:12:00	16:15:00 2B74	00:03:00
OC127	WSTBRNP	16:49:00	16:49:00 2B74	00:00:00
OC127	ABWD	17:22:00	17:29:00 2A93	00:07:00
OC127	WSTBRNP	17:58:30	17:58:30 2A93	00:00:00
OC127	HTRWTM4	18:25:00	18:47:00 2A04	00:22:00
OC127	WSTBRNP	19:15:00	19:15:00 2A04	00:00:00
OC127	ABWD	19:47:00	19:59:00 2A13	00:12:00
OC127	WSTBRNP	20:28:30	20:28:30 2A13	00:00:00
OC127	HTRWTM4	20:55:00	21:17:00 2A24	00:22:00
OC127	WSTBRNP	21:45:00	21:45:00 2A24	00:00:00
OC127	ABWD	22:19:30	22:24:00 2B25	00:04:30
OC127	WSTBRNP	22:54:30	22:54:30 2B25	00:00:00
OC127	MDNHEAD	23:27:00	23:45:00 2B34	00:18:00
OC127	WSTBRNP	00:19:00	00:19:00 2B34	00:00:00
OC127	ABWD	00:50:00	00:57:00 5B34	00:07:00
OC127	PLUMSDG	01:06:00		

Diagram OC128			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC128	MDNHDRS		05:42:00	5B08	
OC128	MDNHEAD	05:44:00	05:45:00	2B08	00:01:00
OC128	WSTBRNP	06:19:00	06:19:00	2B08	00:00:00
OC128	ILFORD	06:47:30	06:48:00	2B08	00:00:30
OC128	SHENFLD	07:11:30	07:18:30	2W27	00:07:00
OC128	WSTBRNP	08:11:00	08:11:00	2W27	00:00:00
OC128	WDRYTON	08:36:30	08:48:30	2W58	00:12:00
OC128	WSTBRNP	09:07:30	09:07:30	2W58	00:00:00
OC128	ILFORD	09:36:00	09:36:30	2W58	00:00:30
OC128	SHENFLD	09:59:00	10:09:30	2W47	00:10:30
OC128	PADTONX	11:00:00	11:01:00	5D47	00:01:00
OC128	WSTBRNP	11:02:00	11:02:00	5D47	00:00:00
OC128	OLDOXRB	11:06:30	11:06:30	5D47	00:00:00
OC128	OLDOXRW	11:14:00	11:14:00	5D47	00:00:00
OC128	OLDOXRD	11:17:00	12:55:30	5T50	01:38:30
OC128	OLDOXRW	12:58:30	12:58:30	5T50	00:00:00
OC128	OLDOXRB	13:03:00	13:03:00	5T50	00:00:00
OC128	WSTBRNP	13:07:00	13:07:00	5T50	00:00:00
OC128	PADTONX	13:08:00	13:09:30	2T50	00:01:30
OC128	ABWD	13:39:30	13:51:30	2T59	00:12:00

OC128	PADTONX	14:19:00	14:20:00 5T59	00:01:00
OC128	WSTBRNP	14:22:00	14:40:30 5W78	00:18:30
OC128	PADTONX	14:42:30	14:43:30 2W78	00:01:00
OC128	ILFORD	15:10:00	15:10:30 2W78	00:00:30
OC128	SHENFLD	15:34:30	15:46:30 2B75	00:12:00
OC128	WSTBRNP	16:39:30	16:39:30 2B75	00:00:00
OC128	MDNHEAD	17:12:00	17:13:00 5B84	00:01:00
OC128	MDNHEAD	17:26:30	17:27:30 2B84	00:01:00
OC128	WSTBRNP	18:04:00	18:04:00 2B84	00:00:00
OC128	ABWD	18:35:00	18:44:00 2A03	00:09:00
OC128	WSTBRNP	19:13:30	19:13:30 2A03	00:00:00
OC128	HTRWTM4	19:40:00	20:02:00 2A14	00:22:00
OC128	WSTBRNP	20:30:00	20:30:00 2A14	00:00:00
OC128	ABWD	21:02:00	21:14:00 2A23	00:12:00
OC128	WSTBRNP	21:43:30	21:43:30 2A23	00:00:00
OC128	HTRWTM4	22:10:00	22:32:00 2A34	00:22:00
OC128	WSTBRNP	23:00:00	23:00:00 2A34	00:00:00
OC128	ABWD	23:30:00	23:44:00 2A43	00:14:00
OC128	WSTBRNP	00:13:30	00:13:30 2A43	00:00:00
OC128	HAYESAH	00:30:00	00:42:00 5D43	00:12:00
OC128	PADTON	00:56:00	01:03:00 5D43	00:07:00
OC128	OLDOXRB	01:08:30	01:08:30 5D43	00:00:00
OC128	OLDOXRW	01:16:00	01:16:00 5D43	00:00:00
OC128	OLDOXRD	01:19:00		

Diagram OC129		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC129	OLDOXRD		05:43:30	5W06	
OC129	OLDOXRW	05:46:30	05:46:30	5W06	00:00:00
OC129	OLDOXRB	05:51:00	05:51:00	5W06	00:00:00
OC129	WSTBRNP	05:55:00	05:55:00	5W06	00:00:00
OC129	PADTONX	05:56:00	05:57:00	2W06	00:01:00
OC129	ILFORD	06:23:30	06:24:00	2W06	00:00:30
OC129	SHENFLD	06:46:30	06:52:30	2W17	00:06:00
OC129	PADTONX	07:43:00	07:44:00	5W17	00:01:00
OC129	WSTBRNP	07:46:00	07:56:30	5W30	00:10:30
OC129	PADTONX	07:58:30	07:59:30	2W30	00:01:00
OC129	ILFORD	08:26:00	08:26:30	2W30	00:00:30
OC129	SHENFLD	08:49:00	08:58:30	2W61	00:09:30
OC129	PADTONX	09:49:00	09:51:00	5D61	00:02:00
OC129	WSTBRNP	09:52:00	09:52:00	5D61	00:00:00
OC129	OLDOXRB	09:56:30	09:56:30	5D61	00:00:00
OC129	OLDOXRW	10:04:00	10:04:00	5D61	00:00:00
OC129	OLDOXRD	10:07:00	10:55:30	5T34	00:48:30
OC129	OLDOXRW	10:58:30	10:58:30	5T34	00:00:00
OC129	OLDOXRB	11:03:00	11:03:00	5T34	00:00:00



OC129	WSTBRNP	11:07:00	11:07:00	5T34	00:00:00
OC129	PADTONX	11:08:00	11:09:30	2T34	00:01:30
OC129	ABWD	11:39:30	11:51:30	2T43	00:12:00
OC129	PADTONX	12:19:00	12:20:00	5T43	00:01:00
OC129	WSTBRNP	12:22:00	12:40:30	5W62	00:18:30
OC129	PADTONX	12:42:30	12:43:30	2W62	00:01:00
OC129	ILFORD	13:10:00	13:10:30	2W62	00:00:30
OC129	SHENFLD	13:35:00	13:47:00	2B57	00:12:00
OC129	WSTBRNP	14:39:30	14:39:30	2B57	00:00:00
OC129	MDNHEAD	15:12:00	15:27:30	2B68	00:15:30
OC129	WSTBRNP	16:04:00	16:04:00	2B68	00:00:00
OC129	ABWD	16:37:00	16:44:00	2A87	00:07:00
OC129	WSTBRNP	17:13:30	17:13:30	2A87	00:00:00
OC129	HTRWTM4	17:40:00	18:02:00	2A98	00:22:00
OC129	WSTBRNP	18:30:00	18:30:00	2A98	00:00:00
OC129	ILFORD	19:00:00	19:00:30	2A98	00:00:30
OC129	SHENFLD	19:23:00	19:32:00	2B05	00:09:00
OC129	WSTBRNP	20:24:30	20:24:30	2B05	00:00:00
OC129	MDNHEAD	21:00:00	21:15:00	2B14	00:15:00
OC129	WSTBRNP	21:49:00	21:49:00	2B14	00:00:00
OC129	ILFORD	22:17:30	22:18:00	2B14	00:00:30
OC129	SHENFLD	22:42:00	22:50:00	5B14	00:08:00
OC129	ILFEMUD	23:19:30			

## Diagram OC130

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC130	PLUMSDG		05:48:30	5T07	
OC130	ABWD	05:58:00	06:06:30	2T07	00:08:30
OC130	PADTONX	06:34:00	06:35:00	5T07	00:01:00
OC130	WSTBRNP	06:37:00	06:51:30	5T10	00:14:30
OC130	PADTONX	06:53:30	06:54:30	2T10	00:01:00
OC130	ABWD	07:22:30	07:29:00	2A29	00:06:30
OC130	WSTBRNP	07:58:30	07:58:30	2A29	00:00:00
OC130	HTRWTM4	08:25:00	08:47:00	2A36	00:22:00
OC130	WSTBRNP	09:15:00	09:15:00	2A36	00:00:00
OC130	ABWD	09:47:00	09:58:30	2A33	00:11:30
OC130	WSTBRNP	10:28:30	10:28:30	2A33	00:00:00
OC130	HTRWTM4	10:55:00	11:17:00	2A44	00:22:00
OC130	WSTBRNP	11:45:00	11:45:00	2A44	00:00:00
OC130	ABWD	12:17:00	12:29:00	2A53	00:12:00
OC130	WSTBRNP	12:58:30	12:58:30	2A53	00:00:00
OC130	HTRWTM4	13:25:00	13:47:00	2A64	00:22:00
OC130	WSTBRNP	14:15:00	14:15:00	2A64	00:00:00
OC130	ABWD	14:47:00	14:59:00	2A73	00:12:00
OC130	WSTBRNP	15:28:30	15:28:30	2A73	00:00:00
OC130	HTRWTM4	15:55:00	16:17:00	2A84	00:22:00



OC130	WSTBRNP	16:45:00	16:45:00	2A84	00:00:00
OC130	ABWD	17:17:00	17:24:00	2B85	00:07:00
OC130	WSTBRNP	17:54:30	17:54:30	2B85	00:00:00
OC130	MDNHEAD	18:31:00	18:45:00	2B94	00:14:00
OC130	WSTBRNP	19:19:00	19:19:00	2B94	00:00:00
OC130	ILFORD	19:47:30	19:48:00	2B94	00:00:30
OC130	SHENFLD	20:12:00	20:24:30	2W59	00:12:30
OC130	PADTONX	21:15:00	21:16:00	5W59	00:01:00
OC130	WSTBRNP	21:18:00	21:25:30	5W62	00:07:30
OC130	PADTONX	21:27:30	21:28:30	2W62	00:01:00
OC130	ILFORD	21:55:00	21:55:30	2W62	00:00:30
OC130	SHENFLD	22:19:00	22:26:00	2W67	00:07:00
OC130	PADTONX	23:16:30	23:17:30	5W67	00:01:00
OC130	WSTBRNP	23:19:30	23:39:00	5T30	00:19:30
OC130	PADTONX	23:41:00	23:42:00	2T30	00:01:00
OC130	ABWD	00:10:00	00:17:00	5T30	00:07:00
OC130	PLUMSDG	00:26:00			

Diagram OC131		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC131	OLDOXRD		05:46:00	5T84	
OC131	OLDOXRW	05:49:00	05:49:00	5T84	00:00:00
OC131	OLDOXRB	05:53:30	05:53:30	5T84	00:00:00
OC131	WSTBRNP	05:57:30	05:57:30	5T84	00:00:00
OC131	PADTONX	05:58:30	05:59:30	2T84	00:01:00
OC131	ABWD	06:27:30	06:36:30	2T11	00:09:00
OC131	PADTONX	07:04:00	07:05:00	5T11	00:01:00
OC131	WSTBRNP	07:07:00	07:12:30	5W18	00:05:30
OC131	PADTONX	07:14:30	07:15:30	2W18	00:01:00
OC131	ILFORD	07:42:00	07:42:30	2W18	00:00:30
OC131	SHENFLD	08:05:00	08:13:30	2W49	00:08:30
OC131	PADTONX	09:04:00	09:05:00	5W49	00:01:00
OC131	WSTBRNP	09:07:00	09:12:30	5W60	00:05:30
OC131	PADTONX	09:14:30	09:15:30	2W60	00:01:00
OC131	ILFORD	09:42:00	09:42:30	2W60	00:00:30
OC131	SHENFLD	10:05:00	10:17:00	2B29	00:12:00
OC131	WSTBRNP	11:09:30	11:09:30	2B29	00:00:00
OC131	MDNHEAD	11:42:00	11:57:30	2B40	00:15:30
OC131	WSTBRNP	12:34:00	12:34:00	2B40	00:00:00
OC131	ILFORD	13:02:30	13:03:00	2B40	00:00:30
OC131	SHENFLD	13:27:30	13:39:30	2W75	00:12:00
OC131	PADTONX	14:30:00	14:31:00	5D75	00:01:00
OC131	WSTBRNP	14:32:00	14:32:00	5D75	00:00:00
OC131	OLDOXRB	14:38:00	14:38:00	5D75	00:00:00
OC131	OLDOXRW	14:45:30	14:45:30	5D75	00:00:00
OC131	OLDOXRD	14:48:30	15:59:00	5T76	01:10:30

OC131	OLDOXRW	16:02:00	16:02:00 5T76	00:00:00
OC131	OLDOXRB	16:06:30	16:06:30 5T76	00:00:00
OC131	WSTBRNP	16:10:30	16:10:30 5T76	00:00:00
OC131	PADTONX	16:11:30	16:12:30 2T76	00:01:00
OC131	ABWD	16:41:30	16:49:00 2S55	00:07:30
OC131	WSTBRNP	17:18:30	17:18:30 2S55	00:00:00
OC131	WDRYTON	17:36:00	17:48:30 5D55	00:12:30
OC131	OLDOECL	18:09:00	18:16:00 5D55	00:07:00
OC131	OLDOXRD	18:24:00	19:25:30 5T08	01:01:30
OC131	OLDOXRW	19:28:30	19:28:30 5T08	00:00:00
OC131	OLDOXRB	19:33:00	19:33:00 5T08	00:00:00
OC131	WSTBRNP	19:37:00	19:37:00 5T08	00:00:00
OC131	PADTONX	19:38:00	19:39:30 2T08	00:01:30
OC131	ABWD	20:09:30	20:21:30 2T05	00:12:00
OC131	PADTONX	20:49:00	20:50:00 5D05	00:01:00
OC131	WSTBRNP	20:51:00	20:51:00 5D05	00:00:00
OC131	OLDOXRB	20:56:00	20:56:00 5D05	00:00:00
OC131	OLDOXRW	21:03:30	21:03:30 5D05	00:00:00
OC131	OLDOXRD	21:06:30	21:55:30 5T24	00:49:00
OC131	OLDOXRW	21:58:30	21:58:30 5T24	00:00:00
OC131	OLDOXRB	22:03:00	22:03:00 5T24	00:00:00
OC131	WSTBRNP	22:07:00	22:07:00 5T24	00:00:00
OC131	PADTONX	22:08:00	22:12:00 2T28	00:04:00
OC131	ABWD	22:40:00	22:54:00 2B29	00:14:00
OC131	WSTBRNP	23:24:30	23:24:30 2B29	00:00:00
OC131	MDNHEAD	00:00:30	00:01:30 5B29	00:01:00
OC131	MDNHDRS	00:03:30		

## Diagram OC132

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC132	MDNHDRS		05:54:00	5B10	
OC132	MDNHEAD	05:56:00	05:57:30	2B10	00:01:30
OC132	WSTBRNP	06:34:00	06:34:00	2B10	00:00:00
OC132	ILFORD	07:02:30	07:03:00	2B10	00:00:30
OC132	SHENFLD	07:26:30	07:33:30	2W33	00:07:00
OC132	PADTONX	08:24:00	08:25:00	5W33	00:01:00
OC132	WSTBRNP	08:27:00	08:39:00	5T28	00:12:00
OC132	PADTONX	08:41:00	08:42:00	2T28	00:01:00
OC132	ABWD	09:10:00	09:18:30	2T37	00:08:30
OC132	PADTONX	09:46:00	09:47:00	5D37	00:01:00
OC132	WSTBRNP	09:48:00	09:48:00	5D37	00:00:00
OC132	OLDOXRB	09:52:30	09:52:30	5D37	00:00:00
OC132	OLDOXRW	10:00:00	10:00:00	5D37	00:00:00
OC132	OLDOXRD	10:03:00	11:45:00	5W56	01:42:00
OC132	OLDOXRW	11:48:00	11:48:00	5W56	00:00:00
OC132	OLDOXRB	11:52:30	11:52:30	5W56	00:00:00

OC132	WSTBRNP	11:56:30	11:56:30 5W56	00:00:00
OC132	PADTONX	11:57:30	11:58:30 2W56	00:01:00
OC132	ILFORD	12:25:00	12:25:30 2W56	00:00:30
OC132	SHENFLD	12:50:00	13:02:00 2B51	00:12:00
OC132	WSTBRNP	13:54:30	13:54:30 2B51	00:00:00
OC132	MDNHEAD	14:30:00	14:45:00 2B62	00:15:00
OC132	WSTBRNP	15:19:00	15:19:00 2B62	00:00:00
OC132	ILFORD	15:47:30	15:48:00 2B62	00:00:30
OC132	SHENFLD	16:11:30	16:18:30 2W05	00:07:00
OC132	PADTONX	17:09:00	17:10:00 5W05	00:01:00
OC132	WSTBRNP	17:12:00	17:21:30 5W14	00:09:30
OC132	PADTONX	17:23:30	17:24:30 2W14	00:01:00
OC132	ILFORD	17:51:00	17:51:30 2W14	00:00:30
OC132	SHENFLD	18:14:00	18:22:30 2W43	00:08:30
OC132	PADTONX	19:15:00	19:16:00 5D43	00:01:00
OC132	WSTBRNP	19:17:00	19:17:00 5D43	00:00:00
OC132	OLDOXRB	19:22:00	19:22:00 5D43	00:00:00
OC132	OLDOXRW	19:29:30	19:29:30 5D43	00:00:00
OC132	OLDOXRD	19:32:30	20:55:30 5T20	01:23:00
OC132	OLDOXRW	20:58:30	20:58:30 5T20	00:00:00
OC132	OLDOXRB	21:03:00	21:03:00 5T20	00:00:00
OC132	WSTBRNP	21:07:00	21:07:00 5T20	00:00:00
OC132	PADTONX	21:08:00	21:09:30 2T20	00:01:30
OC132	ABWD	21:39:30	21:49:00 2T59	00:09:30
OC132	PADTONX	22:19:00	22:20:00 5T59	00:01:00
OC132	WSTBRNP	22:21:00	22:21:00 5T59	00:00:00
OC132	OLDOXRB	22:27:00	22:27:00 5T59	00:00:00
OC132	OLDOXRW	22:34:30	22:34:30 5T59	00:00:00
OC132	OLDOXRD	22:37:30		

Diagram OC133			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC133	OLDOXRD		05:51:00	5T86	
OC133	OLDOXRW	05:54:00	05:54:00	5T86	00:00:00
OC133	OLDOXRB	05:58:30	05:58:30	5T86	00:00:00
OC133	WSTBRNP	06:02:30	06:02:30	5T86	00:00:00
OC133	PADTONX	06:03:30	06:04:30	2T86	00:01:00
OC133	WOLWCHX	06:29:00	06:30:00	5T86	00:01:00
OC133	PLUMSDG	06:41:30	07:55:30	5T25	01:14:00
OC133	WOLWCHX	08:07:00	08:07:30	2T25	00:00:30
OC133	PADTONX	08:31:30	08:32:30	5D25	00:01:00
OC133	WSTBRNP	08:33:30	08:33:30	5D25	00:00:00
OC133	OLDOXRB	08:40:30	08:48:30	5W52	00:08:00
OC133	WSTBRNP	08:52:30	08:52:30	5W52	00:00:00
OC133	PADTONX	08:53:30	08:54:30	2W52	00:01:00
OC133	ILFORD	09:21:00	09:21:30	2W52	00:00:30

OC133	SHENFLD	09:44:00	09:51:00 5W52	00:07:00
OC133	GIDEPKS	10:00:30	17:04:00 5W21	07:03:30
OC133	GIDEAPK	17:06:00	17:09:00 2W21	00:03:00
OC133	PADTONX	17:49:00	17:50:00 5D21	00:01:00
OC133	WSTBRNP	17:51:00	17:51:00 5D21	00:00:00
OC133	OLDOXRB	17:55:30	17:55:30 5D21	00:00:00
OC133	OLDOXRW	18:03:00	18:03:00 5D21	00:00:00
OC133	OLDOXRD	18:06:00	18:45:00 5W42	00:39:00
OC133	OLDOXRW	18:48:00	18:48:00 5W42	00:00:00
OC133	OLDOXRB	18:52:30	18:52:30 5W42	00:00:00
OC133	WSTBRNP	18:56:30	18:56:30 5W42	00:00:00
OC133	PADTONX	18:57:30	18:58:30 2W42	00:01:00
OC133	ILFORD	19:25:00	19:25:30 2W42	00:00:30
OC133	SHENFLD	19:50:00	20:02:00 2B09	00:12:00
OC133	WSTBRNP	20:54:30	20:54:30 2B09	00:00:00
OC133	MDNHEAD	21:30:00	21:45:00 2B18	00:15:00
OC133	WSTBRNP	22:19:00	22:19:00 2B18	00:00:00
OC133	ABWD	22:50:00	23:04:00 2T17	00:14:00
OC133	PADTONX	23:31:30	23:32:30 5T17	00:01:00
OC133	WSTBRNP	23:34:30	23:54:00 5W70	00:19:30
OC133	PADTONX	23:56:00	23:57:00 2W70	00:01:00
OC133	ILFORD	00:23:30	00:24:00 2W70	00:00:30
OC133	SHENFLD	00:46:30	00:53:30 5V70	00:07:00
OC133	ILFEMUD	01:18:30		

## Diagram OC134

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC134	PLUMSDG		05:55:30	5A19	
OC134	ABWD	06:05:00	06:14:00	2A19	00:09:00
OC134	WSTBRNP	06:43:30	06:43:30	2A19	00:00:00
OC134	HTRWTM4	07:10:00	07:32:00	2A26	00:22:00
OC134	WSTBRNP	08:00:00	08:00:00	2A26	00:00:00
OC134	ABWD	08:32:00	08:39:00	2B35	00:07:00
OC134	WSTBRNP	09:09:30	09:09:30	2B35	00:00:00
OC134	MDNHEAD	09:42:00	09:57:30	2B24	00:15:30
OC134	WSTBRNP	10:34:00	10:34:00	2B24	00:00:00
OC134	ILFORD	11:02:30	11:03:00	2B24	00:00:30
OC134	SHENFLD	11:27:00	11:39:30	2W59	00:12:30
OC134	PADTONX	12:30:00	12:31:00	5D59	00:01:00
OC134	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
OC134	OLDOXRB	12:36:30	12:36:30	5D59	00:00:00
OC134	OLDOXRW	12:44:00	12:44:00	5D59	00:00:00
OC134	OLDOXRD	12:47:00	13:45:00	5W72	00:58:00
OC134	OLDOXRW	13:48:00	13:48:00	5W72	00:00:00
OC134	OLDOXRB	13:52:30	13:52:30	5W72	00:00:00
OC134	WSTBRNP	13:56:30	13:56:30	5W72	00:00:00



OC134	PADTONX	13:57:30	13:58:30 2W72	00:01:00
OC134	ILFORD	14:25:00	14:25:30 2W72	00:00:30
OC134	SHENFLD	14:50:00	15:02:00 2B67	00:12:00
OC134	WSTBRNP	15:54:30	15:54:30 2B67	00:00:00
OC134	MDNHEAD	16:30:00	16:31:00 5B78	00:01:00
OC134	MDNHEAD	16:42:00	16:45:00 2B78	00:03:00
OC134	WSTBRNP	17:19:00	17:19:00 2B78	00:00:00
OC134	ABWD	17:52:00	18:00:30 2T85	00:08:30
OC134	PADTONX	18:28:00	18:29:00 5T85	00:01:00
OC134	WSTBRNP	18:31:00	18:36:30 5W38	00:05:30
OC134	PADTONX	18:38:30	18:39:30 2W38	00:01:00
OC134	ILFORD	19:06:00	19:06:30 2W38	00:00:30
OC134	SHENFLD	19:29:00	19:39:30 2W53	00:10:30
OC134	PADTONX	20:30:00	20:31:00 5D53	00:01:00
OC134	WSTBRNP	20:32:00	20:32:00 5D53	00:00:00
OC134	OLDOXRB	20:37:00	20:37:00 5D53	00:00:00
OC134	OLDOXRW	20:44:30	20:44:30 5D53	00:00:00
OC134	OLDOXRD	20:47:30	21:25:30 5T24	00:38:00
OC134	OLDOXRW	21:28:30	21:28:30 5T24	00:00:00
OC134	OLDOXRB	21:33:00	21:33:00 5T24	00:00:00
OC134	WSTBRNP	21:37:00	21:37:00 5T24	00:00:00
OC134	PADTONX	21:38:00	21:39:30 2T24	00:01:30
OC134	ABWD	22:07:30	22:16:30 2T63	00:09:00
OC134	PADTONX	22:44:00	22:45:00 5D63	00:01:00
OC134	WSTBRNP	22:46:00	22:46:00 5D63	00:00:00
OC134	OLDOXRB	22:50:30	22:50:30 5D63	00:00:00
OC134	OLDOXRW	22:58:00	22:58:00 5D63	00:00:00
OC134	OLDOXRD	23:01:00		

## Diagram OC135

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC135	OLDOXRD		05:56:30	5T04	
OC135	OLDOXRW	05:59:30	05:59:30	5T04	00:00:00
OC135	OLDOXRB	06:04:00	06:04:00	5T04	00:00:00
OC135	WSTBRNP	06:08:00	06:08:00	5T04	00:00:00
OC135	PADTONX	06:09:00	06:10:00	2T04	00:01:00
OC135	ABWD	06:39:30	06:48:30	2T13	00:09:00
OC135	WSTBRNP	07:18:00	07:18:00	2T13	00:00:00
OC135	WDRYTON	07:39:00	07:48:30	2W34	00:09:30
OC135	WSTBRNP	08:07:30	08:07:30	2W34	00:00:00
OC135	ILFORD	08:36:00	08:36:30	2W34	00:00:30
OC135	SHENFLD	08:59:00	09:04:00	2A45	00:05:00
OC135	WSTBRNP	09:58:30	09:58:30	2A45	00:00:00
OC135	HTRWTM4	10:25:00	10:47:00	2A40	00:22:00
OC135	WSTBRNP	11:15:00	11:15:00	2A40	00:00:00
OC135	ABWD	11:47:00	11:59:00	2A49	00:12:00
OC135	WSTBRNP	12:28:30	12:28:30	2A49	00:00:00

OC135	HTRWTM4	12:55:00	13:17:00 2A60	00:22:00
OC135	WSTBRNP	13:45:00	13:45:00 2A60	00:00:00
OC135	ABWD	14:17:00	14:29:00 2A69	00:12:00
OC135	WSTBRNP	14:58:30	14:58:30 2A69	00:00:00
OC135	HTRWTM4	15:25:00	15:47:00 2A80	00:22:00
OC135	WSTBRNP	16:15:00	16:15:00 2A80	00:00:00
OC135	ABWD	16:47:00	16:54:00 2B81	00:07:00
OC135	WSTBRNP	17:24:30	17:24:30 2B81	00:00:00
OC135	MDNHEAD	18:00:30	18:01:30 5B90	00:01:00
OC135	MDNHEAD	18:12:30	18:15:00 2B90	00:02:30
OC135	WSTBRNP	18:49:00	18:49:00 2B90	00:00:00
OC135	ILFORD	19:18:00	19:18:30 2B90	00:00:30
OC135	SHENFLD	19:42:30	19:54:30 2W55	00:12:00
OC135	PADTONX	20:45:00	20:46:00 5D55	00:01:00
OC135	WSTBRNP	20:47:00	20:47:00 5D55	00:00:00
OC135	OLDOXRB	20:52:00	20:52:00 5D55	00:00:00
OC135	OLDOXRW	20:59:30	20:59:30 5D55	00:00:00
OC135	OLDOXRD	21:02:30	21:45:00 5W66	00:42:30
OC135	OLDOXRW	21:48:00	21:48:00 5W66	00:00:00
OC135	OLDOXRB	21:52:30	21:52:30 5W66	00:00:00
OC135	WSTBRNP	21:56:30	21:56:30 5W66	00:00:00
OC135	PADTONX	21:57:30	21:58:30 2W66	00:01:00
OC135	ILFORD	22:25:00	22:25:30 2W66	00:00:30
OC135	SHENFLD	22:49:00	22:56:00 2W69	00:07:00
OC135	PADTONX	23:46:30	23:47:30 5W69	00:01:00
OC135	WSTBRNP	23:49:30	00:09:00 5T32	00:19:30
OC135	PADTONX	00:11:00	00:12:00 2T32	00:01:00
OC135	ABWD	00:40:00	00:47:00 5T32	00:07:00
OC135	PLUMSDG	00:56:00		

## Diagram OC136

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC136	GIDEPKS		05:58:00	5B19	
OC136	SHENFLD	06:07:30	06:16:30	2B19	00:09:00
OC136	WSTBRNP	07:09:30	07:09:30	2B19	00:00:00
OC136	MDNHEAD	07:42:00	07:43:00	5B26	00:01:00
OC136	MDNHEAD	07:56:30	07:57:30	2B26	00:01:00
OC136	WSTBRNP	08:34:00	08:34:00	2B26	00:00:00
OC136	ABWD	09:05:00	09:12:30	2A43	00:07:30
OC136	WSTBRNP	09:43:30	09:43:30	2A43	00:00:00
OC136	HTRWTM4	10:10:00	10:32:00	2A38	00:22:00
OC136	WSTBRNP	11:00:00	11:00:00	2A38	00:00:00
OC136	ABWD	11:32:00	11:44:00	2A47	00:12:00
OC136	WSTBRNP	12:13:30	12:13:30	2A47	00:00:00
OC136	HTRWTM4	12:40:00	13:02:00	2A58	00:22:00
OC136	WSTBRNP	13:30:00	13:30:00	2A58	00:00:00

OC136	ABWD	14:02:00	14:14:00 2A67	00:12:00
OC136	WSTBRNP	14:43:30	14:43:30 2A67	00:00:00
OC136	HTRWTM4	15:10:00	15:32:00 2A78	00:22:00
OC136	WSTBRNP	16:00:00	16:00:00 2A78	00:00:00
OC136	ILFORD	16:30:00	16:30:30 2A78	00:00:30
OC136	SHENFLD	16:53:00	17:03:30 2W23	00:10:30
OC136	PADTONX	17:54:00	17:55:00 5W23	00:01:00
OC136	WSTBRNP	17:57:00	18:06:30 5W32	00:09:30
OC136	PADTONX	18:08:30	18:09:30 2W32	00:01:00
OC136	ILFORD	18:36:00	18:36:30 2W32	00:00:30
OC136	SHENFLD	19:01:00	19:09:30 2W49	00:08:30
OC136	PADTONX	20:00:00	20:01:00 5D49	00:01:00
OC136	WSTBRNP	20:02:00	20:02:00 5D49	00:00:00
OC136	OLDOXRB	20:07:00	20:07:00 5D49	00:00:00
OC136	OLDOXRW	20:14:30	20:14:30 5D49	00:00:00
OC136	OLDOXRD	20:17:30	21:00:00 5W60	00:42:30
OC136	OLDOXRW	21:03:00	21:03:00 5W60	00:00:00
OC136	OLDOXRB	21:07:30	21:07:30 5W60	00:00:00
OC136	WSTBRNP	21:11:30	21:11:30 5W60	00:00:00
OC136	PADTONX	21:12:30	21:13:30 2W60	00:01:00
OC136	ILFORD	21:40:00	21:40:30 2W60	00:00:30
OC136	SHENFLD	22:03:00	22:16:00 2B27	00:13:00
OC136	WSTBRNP	23:09:30	23:09:30 2B27	00:00:00
OC136	MDNHEAD	23:42:00	23:43:00 5B27	00:01:00
OC136	MDNHDRS	23:45:00		

Diagram OC137		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC137	SHENFDS		06:06:30	5W09	
OC137	SHENFLD	06:08:30	06:09:30	2W09	00:01:00
OC137	PADTONX	07:00:00	07:01:00	5W09	00:01:00
OC137	WSTBRNP	07:03:00	07:09:30	5T14	00:06:30
OC137	PADTONX	07:11:30	07:12:30	2T14	00:01:00
OC137	ABWD	07:40:30	07:49:00	2T23	00:08:30
OC137	PADTONX	08:16:30	08:17:30	5D23	00:01:00
OC137	WSTBRNP	08:18:30	08:18:30	5D23	00:00:00
OC137	OLDOXRB	08:26:00	08:58:30	5W56	00:32:30
OC137	WSTBRNP	09:02:30	09:02:30	5W56	00:00:00
OC137	PADTONX	09:03:30	09:04:30	2W56	00:01:00
OC137	ILFORD	09:31:00	09:31:30	2W56	00:00:30
OC137	SHENFLD	09:54:00	10:02:00	2B27	00:08:00
OC137	WSTBRNP	10:54:30	10:54:30	2B27	00:00:00
OC137	MDNHEAD	11:30:00	11:45:00	2B38	00:15:00
OC137	WSTBRNP	12:19:00	12:19:00	2B38	00:00:00
OC137	ILFORD	12:47:30	12:48:00	2B38	00:00:30
OC137	SHENFLD	13:12:30	13:24:30	2W73	00:12:00



OC137	PADTONX	14:15:00	14:16:00 5W73	00:01:00
OC137	WSTBRNP	14:18:00	14:25:30 5W76	00:07:30
OC137	PADTONX	14:27:30	14:28:30 2W76	00:01:00
OC137	ILFORD	14:55:00	14:55:30 2W76	00:00:30
OC137	SHENFLD	15:19:30	15:28:30 2W91	00:09:00
OC137	PADTONX	16:19:00	16:20:00 5W91	00:01:00
OC137	WSTBRNP	16:22:00	16:27:30 5T80	00:05:30
OC137	PADTONX	16:29:30	16:30:30 2T80	00:01:00
OC137	ABWD	17:01:30	17:08:30 2B83	00:07:00
OC137	WSTBRNP	17:39:30	17:39:30 2B83	00:00:00
OC137	MDNHEAD	18:12:00	18:13:30 5B92	00:01:30
OC137	MDNHEAD	18:26:30	18:27:30 2B92	00:01:00
OC137	WSTBRNP	19:04:00	19:04:00 2B92	00:00:00
OC137	ILFORD	19:32:30	19:33:00 2B92	00:00:30
OC137	SHENFLD	19:57:30	20:09:30 2W57	00:12:00
OC137	PADTONX	21:00:00	21:01:00 5D57	00:01:00
OC137	WSTBRNP	21:02:00	21:02:00 5D57	00:00:00
OC137	OLDOXRB	21:07:00	21:07:00 5D57	00:00:00
OC137	OLDOXRW	21:14:30	21:14:30 5D57	00:00:00
OC137	OLDOXRD	21:17:30		

Diagram OC138		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC138	ILFEMUD		06:08:30	5W15	
OC138	SHENFLD	06:31:30	06:40:30	2W15	00:09:00
OC138	PADTONX	07:31:00	07:32:00	5W15	00:01:00
OC138	WSTBRNP	07:34:00	07:41:30	5W24	00:07:30
OC138	PADTONX	07:43:30	07:44:30	2W24	00:01:00
OC138	ILFORD	08:11:00	08:11:30	2W24	00:00:30
OC138	SHENFLD	08:35:00	08:40:30	2W57	00:05:30
OC138	PADTONX	09:31:00	09:32:00	5W57	00:01:00
OC138	WSTBRNP	09:34:00	09:42:30	5W66	00:08:30
OC138	PADTONX	09:44:30	09:45:30	2W66	00:01:00
OC138	ILFORD	10:12:00	10:12:30	2W66	00:00:30
OC138	SHENFLD	10:35:00	10:47:00	2B33	00:12:00
OC138	WSTBRNP	11:39:30	11:39:30	2B33	00:00:00
OC138	MDNHEAD	12:12:00	12:27:30	2B44	00:15:30
OC138	WSTBRNP	13:04:00	13:04:00	2B44	00:00:00
OC138	ILFORD	13:32:30	13:33:00	2B44	00:00:30
OC138	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
OC138	PADTONX	15:00:00	15:01:00	5D79	00:01:00
OC138	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
OC138	OLDOXRB	15:07:30	15:07:30	5D79	00:00:00
OC138	OLDOXRW	15:15:00	15:15:00	5D79	00:00:00
OC138	OLDOXRD	15:18:00	16:14:00	5W94	00:56:00
OC138	OLDOXRW	16:17:00	16:17:00	5W94	00:00:00

OC138	OLDOXRB	16:21:30	16:21:30 5W94	00:00:00
OC138	WSTBRNP	16:25:30	16:25:30 5W94	00:00:00
OC138	PADTONX	16:26:30	16:27:30 2W94	00:01:00
OC138	ILFORD	16:54:00	16:54:30 2W94	00:00:30
OC138	SHENFLD	17:17:00	17:23:30 2W31	00:06:30
OC138	PADTONX	18:14:00	18:15:00 5W31	00:01:00
OC138	WSTBRNP	18:17:00	18:24:30 5W36	00:07:30
OC138	PADTONX	18:26:30	18:27:30 2W36	00:01:00
OC138	ILFORD	18:54:00	18:54:30 2W36	00:00:30
OC138	SHENFLD	19:17:00	19:24:30 2W51	00:07:30
OC138	PADTONX	20:15:00	20:16:00 5W51	00:01:00
OC138	WSTBRNP	20:18:00	20:25:30 5W54	00:07:30
OC138	PADTONX	20:27:30	20:28:30 2W54	00:01:00
OC138	ILFORD	20:55:00	20:55:30 2W54	00:00:30
OC138	SHENFLD	21:19:00	21:26:00 2W67	00:07:00
OC138	PADTONX	22:16:30	22:17:30 5W67	00:01:00
OC138	WSTBRNP	22:19:30	22:39:00 5T30	00:19:30
OC138	PADTONX	22:41:00	22:42:00 2T30	00:01:00
OC138	ABWD	23:10:00	23:24:00 2B33	00:14:00
OC138	PADTONX	23:51:30	23:52:30 5D33	00:01:00
OC138	WSTBRNP	23:53:30	23:53:30 5D33	00:00:00
OC138	OLDOXRB	23:58:00	23:58:00 5D33	00:00:00
OC138	OLDOXRW	00:05:30	00:05:30 5D33	00:00:00

OC138 OLDOXRD 00:08:30

Diagram OC139

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC139	ILFEMUD		06:14:00	5W17	
OC139	SHENFDS	06:41:30	06:55:30	5W17	00:14:00
OC139	SHENFLD	06:57:30	06:58:30	2W19	00:01:00
OC139	PADTONX	07:49:00	07:50:00	5W19	00:01:00
OC139	WSTBRNP	07:52:00	08:01:30	5W32	00:09:30
OC139	PADTONX	08:03:30	08:04:30	2W32	00:01:00
OC139	ILFORD	08:31:00	08:31:30	2W32	00:00:30
OC139	SHENFLD	08:54:00	08:55:00	5W32	00:01:00
OC139	SHENFDS	08:57:00	16:35:30	5W13	07:38:30
OC139	SHENFLD	16:37:30	16:38:30	2W13	00:01:00
OC139	PADTONX	17:29:00	17:30:00	5D13	00:01:00
OC139	WSTBRNP	17:31:00	17:31:00	5D13	00:00:00
OC139	OLDOXRB	17:37:00	17:58:30	5W30	00:21:30
OC139	WSTBRNP	18:02:30	18:02:30	5W30	00:00:00
OC139	PADTONX	18:03:30	18:04:30	2W30	00:01:00
OC139	ILFORD	18:31:00	18:31:30	2W30	00:00:30
OC139	SHENFLD	18:54:00	18:55:00	5W30	00:01:00
OC139	SHENFDS	18:57:00	19:04:00	5W30	00:07:00
OC139	ILFEMUD	19:36:00			

Diagram OC140		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC140	OLDOXRD		06:11:00	5T06	
OC140	OLDOXRW	06:14:00	06:14:00	5T06	00:00:00
OC140	OLDOXRB	06:18:30	06:18:30	5T06	00:00:00
OC140	WSTBRNP	06:22:30	06:22:30	5T06	00:00:00
OC140	PADTONX	06:23:30	06:24:30	2T06	00:01:00
OC140	ABWD	06:52:30	07:00:30	2T15	00:08:00
OC140	PADTONX	07:28:00	07:29:00	5T15	00:01:00
OC140	WSTBRNP	07:31:00	07:39:00	5T20	00:08:00
OC140	PADTONX	07:41:00	07:42:00	2T20	00:01:00
OC140	ABWD	08:12:00	08:19:00	2T27	00:07:00
OC140	PADTONX	08:46:30	08:47:30	5T27	00:01:00
OC140	WSTBRNP	08:49:30	08:56:30	5W54	00:07:00
OC140	PADTONX	08:58:30	08:59:30	2W54	00:01:00
OC140	ILFORD	09:26:00	09:26:30	2W54	00:00:30
OC140	SHENFLD	09:49:00	09:54:30	2W45	00:05:30
OC140	PADTONX	10:45:00	10:46:00	5W45	00:01:00
OC140	WSTBRNP	10:48:00	10:55:30	5W48	00:07:30
OC140	PADTONX	10:57:30	10:58:30	2W48	00:01:00
OC140	ILFORD	11:25:00	11:25:30	2W48	00:00:30
OC140	SHENFLD	11:50:00	12:02:00	2B43	00:12:00
OC140	WSTBRNP	12:54:30	12:54:30	2B43	00:00:00
OC140	MDNHEAD	13:30:00	13:45:00	2B54	00:15:00
OC140	WSTBRNP	14:19:00	14:19:00	2B54	00:00:00
OC140	ILFORD	14:47:30	14:48:00	2B54	00:00:30
OC140	SHENFLD	15:12:30	15:22:30	2W89	00:10:00
OC140	PADTONX	16:13:00	16:14:00	5W89	00:01:00
OC140	WSTBRNP	16:16:00	16:21:30	5T78	00:05:30
OC140	PADTONX	16:23:30	16:24:30	2T78	00:01:00
OC140	ABWD	16:52:30	17:04:00	2T81	00:11:30
OC140	PADTONX	17:31:30	17:32:30	5D81	00:01:00
OC140	WSTBRNP	17:33:30	17:33:30	5D81	00:00:00
OC140	OLDOXRB	17:38:30	17:53:30	5W28	00:15:00
OC140	WSTBRNP	17:57:30	17:57:30	5W28	00:00:00
OC140	PADTONX	17:58:30	17:59:30	2W28	00:01:00
OC140	ILFORD	18:26:00	18:26:30	2W28	00:00:30
OC140	SHENFLD	18:50:00	19:02:00	2B01	00:12:00
OC140	WSTBRNP	19:54:30	19:54:30	2B01	00:00:00
OC140	MDNHEAD	20:30:00	20:45:00	2B10	00:15:00
OC140	WSTBRNP	21:19:00	21:19:00	2B10	00:00:00
OC140	ILFORD	21:47:30	21:48:00	2B10	00:00:30
OC140	SHENFLD	22:12:00	22:20:00	5B10	00:08:00
OC140	ILFEMUD	22:49:30			

Diagram OC141

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC141	OLDOXRD		06:15:00	5W10	
OC141	OLDOXRW	06:18:00	06:18:00	5W10	00:00:00
OC141	OLDOXRB	06:22:30	06:22:30	5W10	00:00:00
OC141	WSTBRNP	06:26:30	06:26:30	5W10	00:00:00
OC141	PADTONX	06:27:30	06:28:30	2W10	00:01:00
OC141	ILFORD	06:55:00	06:55:30	2W10	00:00:30
OC141	SHENFLD	07:18:00	07:28:30	2W31	00:10:30
OC141	PADTONX	08:19:00	08:20:00	5W31	00:01:00
OC141	WSTBRNP	08:22:00	08:31:30	5W44	00:09:30
OC141	PADTONX	08:33:30	08:34:30	2W44	00:01:00
OC141	ILFORD	09:01:00	09:01:30	2W44	00:00:30
OC141	SHENFLD	09:24:00	09:32:00	2B23	00:08:00
OC141	WSTBRNP	10:24:30	10:24:30	2B23	00:00:00
OC141	MDNHEAD	11:00:00	11:15:00	2B34	00:15:00
OC141	WSTBRNP	11:49:00	11:49:00	2B34	00:00:00
OC141	ILFORD	12:17:30	12:18:00	2B34	00:00:30
OC141	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
OC141	PADTONX	13:45:00	13:46:00	5D69	00:01:00
OC141	WSTBRNP	13:47:00	13:47:00	5D69	00:00:00
OC141	OLDOXRB	13:53:30	13:53:30	5D69	00:00:00
OC141	OLDOXRW	14:01:00	14:01:00	5D69	00:00:00
OC141	OLDOXRD	14:04:00	14:45:00	5W80	00:41:00
OC141	OLDOXRW	14:48:00	14:48:00	5W80	00:00:00
OC141	OLDOXRB	14:52:30	14:52:30	5W80	00:00:00
OC141	WSTBRNP	14:56:30	14:56:30	5W80	00:00:00
OC141	PADTONX	14:57:30	14:58:30	2W80	00:01:00
OC141	ILFORD	15:25:00	15:25:30	2W80	00:00:30
OC141	SHENFLD	15:49:30	15:58:30	2W97	00:09:00
OC141	PADTONX	16:49:00	16:50:00	5W97	00:01:00
OC141	WSTBRNP	16:52:00	17:01:30	5W06	00:09:30
OC141	PADTONX	17:03:30	17:04:30	2W06	00:01:00
OC141	ILFORD	17:31:00	17:31:30	2W06	00:00:30
OC141	SHENFLD	17:55:00	18:05:00	2A01	00:10:00
OC141	WSTBRNP	18:58:30	18:58:30	2A01	00:00:00
OC141	HTRWTM4	19:25:00	19:47:00	2A12	00:22:00
OC141	WSTBRNP	20:15:00	20:15:00	2A12	00:00:00
OC141	ABWD	20:47:00	20:59:00	2A21	00:12:00
OC141	WSTBRNP	21:28:30	21:28:30	2A21	00:00:00
OC141	HTRWTM4	21:55:00	22:17:00	2A32	00:22:00
OC141	WSTBRNP	22:45:00	22:45:00	2A32	00:00:00
OC141	ILFORD	23:13:30	23:14:00	2A32	00:00:30
OC141	SHENFLD	23:36:30	23:46:00	2B39	00:09:30
OC141	WSTBRNP	00:39:30	00:39:30	2B39	00:00:00
OC141	MDNHEAD	01:15:00	01:16:00	5B39	00:01:00
OC141	MDNHDRS	01:18:00			

Diagram OC142		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC142	ILFEMUD		06:18:30	5W21	
OC142	SHENFDS	06:45:30	07:00:30	5W21	00:15:00
OC142	SHENFLD	07:02:30	07:03:30	2W21	00:01:00
OC142	PADTONX	07:54:00	07:55:00	5W21	00:01:00
OC142	WSTBRNP	07:57:00	08:09:30	5T24	00:12:30
OC142	PADTONX	08:11:30	08:12:00	2T24	00:00:30
OC142	ABWD	08:42:00	08:49:00	2T31	00:07:00
OC142	PADTONX	09:16:30	09:17:30	5T21	00:01:00
OC142	WSTBRNP	09:19:30	09:27:30	5T36	00:08:00
OC142	PADTONX	09:29:30	09:30:30	2T36	00:01:00
OC142	ABWD	10:01:30	10:06:30	2T29	00:05:00
OC142	PADTONX	10:34:00	10:35:00	5T29	00:01:00
OC142	WSTBRNP	10:37:00	10:51:30	5T32	00:14:30
OC142	PADTONX	10:53:30	10:54:30	2T32	00:01:00
OC142	ABWD	11:24:30	11:36:30	2T41	00:12:00
OC142	PADTONX	12:04:00	12:05:00	5T41	00:01:00
OC142	WSTBRNP	12:07:00	12:21:30	5T44	00:14:30
OC142	PADTONX	12:23:30	12:24:30	2T44	00:01:00
OC142	ABWD	12:54:30	13:06:30	2T53	00:12:00
OC142	PADTONX	13:34:00	13:35:00	5T53	00:01:00
OC142	WSTBRNP	13:37:00	13:51:30	5T56	00:14:30
OC142	PADTONX	13:53:30	13:54:30	2T56	00:01:00
OC142	ABWD	14:24:30	14:36:30	2T65	00:12:00
OC142	PADTONX	15:04:00	15:05:00	5T65	00:01:00
OC142	WSTBRNP	15:07:00	15:21:30	5T68	00:14:30
OC142	PADTONX	15:23:30	15:24:30	2T68	00:01:00
OC142	ABWD	15:52:30	16:01:00	2T75	00:08:30
OC142	PADTONX	16:28:30	16:29:30	5T75	00:01:00
OC142	WSTBRNP	16:31:30	16:39:00	5T82	00:07:30
OC142	PADTONX	16:41:00	16:42:00	2T82	00:01:00
OC142	ABWD	17:12:00	17:19:00	2S57	00:07:00
OC142	WSTBRNP	17:48:30	17:48:30	2S57	00:00:00
OC142	WDRYTON	18:06:00	18:18:30	5D57	00:12:30
OC142	OLDOECL	18:39:00	18:46:00	5D57	00:07:00
OC142	OLDOXRD	18:54:00	19:41:00	5T10	00:47:00
OC142	OLDOXRW	19:44:00	19:44:00	5T10	00:00:00
OC142	OLDOXRB	19:48:30	19:48:30	5T10	00:00:00
OC142	WSTBRNP	19:52:30	19:52:30	5T10	00:00:00
OC142	PADTONX	19:53:30	19:54:30	2T10	00:01:00
OC142	ABWD	20:24:30	20:36:30	2T07	00:12:00
OC142	PADTONX	21:04:00	21:05:00	5T07	00:01:00
OC142	WSTBRNP	21:07:00	21:21:30	5T22	00:14:30
OC142	PADTONX	21:23:30	21:24:30	2T22	00:01:00

OC142	ABWD	21:52:30	22:04:00	2T17	00:11:30
OC142	PADTONX	22:31:30	22:32:30	5T17	00:01:00
OC142	WSTBRNP	22:34:30	22:54:00	5W70	00:19:30
OC142	PADTONX	22:56:00	22:57:00	2W66	00:01:00
OC142	ILFORD	23:23:30	23:24:00	2W66	00:00:30
OC142	SHENFLD	23:46:30	23:54:00	2L99	00:07:30
OC142	LIVST	00:32:30	00:55:00	2W74	00:22:30
OC142	ILFORD	01:10:30	01:11:00	2W74	00:00:30
OC142	SHENFLD	01:33:30	01:41:00	5V74	00:07:30
OC142	ILFEMUD	02:06:00			

Diagram OC143		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC143	OLDOXRD		06:24:30	5W22	
OC143	OLDOECL	06:32:30	06:39:30	5W22	00:07:00
OC143	WDRYTON	07:03:00	07:18:30	2W22	00:15:30
OC143	WSTBRNP	07:37:30	07:37:30	2W22	00:00:00
OC143	ILFORD	08:06:00	08:06:30	2W22	00:00:30
OC143	SHENFLD	08:29:00	08:30:00	5W63	00:01:00
OC143	SHENFDS	08:32:00	09:07:30	5W63	00:35:30
OC143	SHENFLD	09:09:30	09:10:30	2W63	00:01:00
OC143	PADTONX	10:01:00	10:02:00	5D63	00:01:00
OC143	WSTBRNP	10:03:00	10:03:00	5D63	00:00:00
OC143	OLDOXRB	10:09:30	10:09:30	5D63	00:00:00
OC143	OLDOXRW	10:17:00	10:17:00	5D63	00:00:00
OC143	OLDOXRD	10:20:00	11:55:30	5T42	01:35:30
OC143	OLDOXRW	11:58:30	11:58:30	5T42	00:00:00
OC143	OLDOXRB	12:03:00	12:03:00	5T42	00:00:00
OC143	WSTBRNP	12:07:00	12:07:00	5T42	00:00:00
OC143	PADTONX	12:08:00	12:09:30	2T42	00:01:30
OC143	ABWD	12:39:30	12:51:30	2T51	00:12:00
OC143	PADTONX	13:19:00	13:20:00	5T51	00:01:00
OC143	WSTBRNP	13:22:00	13:40:30	5W70	00:18:30
OC143	PADTONX	13:42:30	13:43:30	2W70	00:01:00
OC143	ILFORD	14:10:00	14:10:30	2W70	00:00:30
OC143	SHENFLD	14:35:00	14:47:00	2B65	00:12:00
OC143	WSTBRNP	15:39:30	15:39:30	2B65	00:00:00
OC143	MDNHEAD	16:12:00	16:13:00	5B76	00:01:00
OC143	MDNHEAD	16:26:30	16:27:30	2B76	00:01:00
OC143	WSTBRNP	17:04:00	17:04:00	2B76	00:00:00
OC143	ABWD	17:37:00	17:44:00	2A95	00:07:00
OC143	WSTBRNP	18:13:30	18:13:30	2A95	00:00:00
OC143	HTRWTM4	18:40:00	19:02:00	2A06	00:22:00
OC143	WSTBRNP	19:30:00	19:30:00	2A06	00:00:00
OC143	ABWD	20:02:00	20:14:00	2A15	00:12:00
OC143	WSTBRNP	20:43:30	20:43:30	2A15	00:00:00



OC143	HTRWTM4	21:10:00	21:32:00 2A26	00:22:00
OC143	WSTBRNP	22:00:00	22:00:00 2A26	00:00:00
OC143	ABWD	22:32:30	22:44:00 2A35	00:11:30
OC143	WSTBRNP	23:13:30	23:13:30 2A35	00:00:00
OC143	HTRWTM4	23:40:00	00:02:00 2A46	00:22:00
OC143	PADTON	00:31:30	00:41:00 5D46	00:09:30
OC143	OLDOXRB	00:47:00	00:47:00 5D46	00:00:00
OC143	OLDOXRW	00:54:30	00:54:30 5D46	00:00:00
OC143	OLDOXRD	00:57:30		

Diagram OC144		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC144	MDNHDRS		06:24:00	5B14	
OC144	MDNHEAD	06:26:00	06:27:30	2B14	00:01:30
OC144	WSTBRNP	07:04:00	07:04:00	2B14	00:00:00
OC144	ABWD	07:35:00	07:44:00	2A31	00:09:00
OC144	WSTBRNP	08:13:30	08:13:30	2A31	00:00:00
OC144	HTRWTM4	08:40:00	09:02:00	2A38	00:22:00
OC144	WSTBRNP	09:30:00	09:30:00	2A38	00:00:00
OC144	ILFORD	10:00:00	10:00:30	2A38	00:00:30
OC144	SHENFLD	10:23:00	10:32:00	2B31	00:09:00
OC144	WSTBRNP	11:24:30	11:24:30	2B31	00:00:00
OC144	MDNHEAD	12:00:00	12:15:00	2B42	00:15:00
OC144	WSTBRNP	12:49:00	12:49:00	2B42	00:00:00
OC144	ILFORD	13:17:30	13:18:00	2B42	00:00:30
OC144	SHENFLD	13:42:30	13:54:30	2W77	00:12:00
OC144	PADTONX	14:45:00	14:46:00	5D77	00:01:00
OC144	WSTBRNP	14:47:00	14:47:00	5D77	00:00:00
OC144	OLDOXRB	14:53:30	14:53:30	5D77	00:00:00
OC144	OLDOXRW	15:01:00	15:01:00	5D77	00:00:00
OC144	OLDOXRD	15:04:00	16:41:00	5W02	01:37:00
OC144	OLDOXRW	16:44:00	16:44:00	5W02	00:00:00
OC144	OLDOXRB	16:48:30	16:48:30	5W02	00:00:00
OC144	WSTBRNP	16:52:30	16:52:30	5W02	00:00:00
OC144	PADTONX	16:53:30	16:54:30	2W02	00:01:00
OC144	ILFORD	17:21:00	17:21:30	2W02	00:00:30
OC144	SHENFLD	17:44:00	17:52:30	2W37	00:08:30
OC144	PADTONX	18:43:00	18:44:00	5W37	00:01:00
OC144	WSTBRNP	18:46:00	18:51:30	5T02	00:05:30
OC144	PADTONX	18:53:30	18:54:30	2T02	00:01:00
OC144	ABWD	19:24:30	19:36:30	2T99	00:12:00
OC144	PADTONX	20:04:00	20:05:00	5T99	00:01:00
OC144	WSTBRNP	20:07:00	20:21:30	5T14	00:14:30
OC144	PADTONX	20:23:30	20:24:30	2T14	00:01:00
OC144	ABWD	20:54:30	21:06:30	2T11	00:12:00
OC144	PADTONX	21:34:00	21:35:00	5T11	00:01:00



OC144	WSTBRNP	21:37:00	21:51:30	5T26	00:14:30
OC144	PADTONX	21:53:30	21:54:30	2T26	00:01:00
OC144	ABWD	22:22:30	22:34:00	2T19	00:11:30
OC144	PADTONX	23:01:30	23:02:30	5T15	00:01:00
OC144	WSTBRNP	23:04:30	23:24:00	5W68	00:19:30
OC144	PADTONX	23:26:00	23:27:00	2W68	00:01:00
OC144	ILFORD	23:53:30	23:54:00	2W68	00:00:30
OC144	SHENFLD	00:16:30	00:23:30	5W68	00:07:00
OC144	GIDEPKS	00:33:00			

Diagram OC145		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC145	SHENFDS		06:25:30	5W13	
OC145	SHENFLD	06:27:30	06:28:30	2W13	00:01:00
OC145	PADTONX	07:19:00	07:20:00	5W13	00:01:00
OC145	WSTBRNP	07:22:00	07:27:30	5T18	00:05:30
OC145	PADTONX	07:29:30	07:30:30	2T18	00:01:00
OC145	ABWD	07:58:30	08:09:00	2B31	00:10:30
OC145	WSTBRNP	08:39:30	08:39:30	2B31	00:00:00
OC145	MDNHEAD	09:12:00	09:27:30	2B20	00:15:30
OC145	WSTBRNP	10:04:00	10:04:00	2B20	00:00:00
OC145	ILFORD	10:32:30	10:33:00	2B20	00:00:30
OC145	SHENFLD	10:57:00	11:09:30	2W55	00:12:30
OC145	PADTONX	12:00:00	12:01:00	5D55	00:01:00
OC145	WSTBRNP	12:02:00	12:02:00	5D55	00:00:00
OC145	OLDOXRB	12:07:00	12:07:00	5D55	00:00:00
OC145	OLDOXRW	12:14:30	12:14:30	5D55	00:00:00
OC145	OLDOXRD	12:17:30	13:55:30	5T58	01:38:00
OC145	OLDOXRW	13:58:30	13:58:30	5T58	00:00:00
OC145	OLDOXRB	14:03:00	14:03:00	5T58	00:00:00
OC145	WSTBRNP	14:07:00	14:07:00	5T58	00:00:00
OC145	PADTONX	14:08:00	14:09:30	2T58	00:01:30
OC145	ABWD	14:39:30	14:51:30	2T67	00:12:00
OC145	PADTONX	15:19:00	15:20:00	5T67	00:01:00
OC145	WSTBRNP	15:22:00	15:40:30	5W86	00:18:30
OC145	PADTONX	15:42:30	15:43:30	2W86	00:01:00
OC145	ILFORD	16:10:00	16:10:30	2W86	00:00:30
OC145	SHENFLD	16:34:30	16:43:30	2W15	00:09:00
OC145	PADTONX	17:34:00	17:35:00	5W15	00:01:00
OC145	WSTBRNP	17:37:00	17:46:30	5W24	00:09:30
OC145	PADTONX	17:48:30	17:49:30	2W24	00:01:00
OC145	ILFORD	18:16:00	18:16:30	2W24	00:00:30
OC145	SHENFLD	18:39:00	18:47:00	2B99	00:08:00
OC145	WSTBRNP	19:39:30	19:39:30	2B99	00:00:00
OC145	MDNHEAD	20:12:00	20:27:30	2B08	00:15:30
OC145	WSTBRNP	21:04:00	21:04:00	2B08	00:00:00

OC145	ILFORD	21:32:30	21:33:00	2B08	00:00:30
OC145	SHENFLD	21:55:30	22:06:00	2A33	00:10:30
OC145	WSTBRNP	22:58:30	22:58:30	2A33	00:00:00
OC145	HTRWTM4	23:25:00	23:47:00	2A44	00:22:00
OC145	WSTBRNP	00:15:00	00:15:00	2A44	00:00:00
OC145	ILFORD	00:43:30	00:44:00	2A44	00:00:30
OC145	SHENFLD	01:06:30	01:13:30	5V44	00:07:00
OC145	ILFEMUD	01:38:30			

Diagram OC146		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC146	ILFEMUD		06:42:30	5W45	
OC146	SHENFDS	07:09:30	08:00:30	5W45	00:51:00
OC146	SHENFLD	08:02:30	08:03:30	2W45	00:01:00
OC146	PADTONX	08:54:00	08:55:00	5D45	00:01:00
OC146	WSTBRNP	08:56:00	08:56:00	5D45	00:00:00
OC146	OLDOXRB	09:00:30	09:00:30	5D45	00:00:00
OC146	OLDOXRW	09:08:00	09:08:00	5D45	00:00:00
OC146	OLDOXRD	09:11:00	09:55:00	5T26	00:44:00
OC146	OLDOXRW	09:58:00	09:58:00	5T26	00:00:00
OC146	OLDOXRB	10:02:30	10:02:30	5T26	00:00:00
OC146	WSTBRNP	10:06:30	10:06:30	5T26	00:00:00
OC146	PADTONX	10:08:30	10:09:30	2T26	00:01:00
OC146	ABWD	10:39:30	10:51:30	2T35	00:12:00
OC146	PADTONX	11:19:00	11:20:00	5T35	00:01:00
OC146	WSTBRNP	11:22:00	11:40:30	5W54	00:18:30
OC146	PADTONX	11:42:30	11:43:30	2W54	00:01:00
OC146	ILFORD	12:10:00	12:10:30	2W54	00:00:30
OC146	SHENFLD	12:35:00	12:47:00	2B49	00:12:00
OC146	WSTBRNP	13:39:30	13:39:30	2B49	00:00:00
OC146	MDNHEAD	14:12:00	14:27:30	2B60	00:15:30
OC146	WSTBRNP	15:04:00	15:04:00	2B60	00:00:00
OC146	ILFORD	15:32:30	15:33:00	2B60	00:00:30
OC146	SHENFLD	15:57:00	16:08:30	2W01	00:11:30
OC146	PADTONX	16:59:00	17:00:00	5D01	00:01:00
OC146	WSTBRNP	17:01:00	17:01:00	5D01	00:00:00
OC146	OLDOXRB	17:07:00	17:38:30	5W22	00:31:30
OC146	WSTBRNP	17:42:30	17:42:30	5W22	00:00:00
OC146	PADTONX	17:43:30	17:44:30	2W22	00:01:00
OC146	ILFORD	18:11:00	18:11:30	2W22	00:00:30
OC146	SHENFLD	18:35:00	18:38:00	5W22	00:03:00
OC146	SHENFDS	18:40:00	18:56:00	5W22	00:16:00
OC146	ILFEMUD	19:28:30			

Diagram OC147		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A

OC147	OLDOXRD		07:14:00 5W20	
OC147	OLDOXRW	07:17:00	07:17:00 5W20	00:00:00
OC147	OLDOXRB	07:21:30	07:21:30 5W20	00:00:00
OC147	WSTBRNP	07:25:30	07:25:30 5W20	00:00:00
OC147	PADTONX	07:26:30	07:27:30 2W20	00:01:00
OC147	ILFORD	07:54:00	07:54:30 2W20	00:00:30
OC147	SHENFLD	08:17:00	08:18:00 5W55	00:01:00
OC147	SHENFDS	08:20:00	08:26:00 5W55	00:06:00
OC147	SHENFLD	08:28:00	08:28:30 2W55	00:00:30
OC147	PADTONX	09:19:00	09:20:00 5D55	00:01:00
OC147	WSTBRNP	09:21:00	09:21:00 5D55	00:00:00
OC147	OLDOXRB	09:27:00	09:27:00 5D55	00:00:00
OC147	OLDOXRW	09:34:30	09:34:30 5D55	00:00:00
OC147	OLDOXRD	09:37:30	10:25:30 5T30	00:48:00
OC147	OLDOXRW	10:28:30	10:28:30 5T30	00:00:00
OC147	OLDOXRB	10:33:00	10:33:00 5T30	00:00:00
OC147	WSTBRNP	10:37:00	10:37:00 5T30	00:00:00
OC147	PADTONX	10:38:00	10:39:30 2T30	00:01:30
OC147	ABWD	11:09:30	11:21:30 2T39	00:12:00
OC147	PADTONX	11:49:00	11:50:00 5T39	00:01:00
OC147	WSTBRNP	11:52:00	12:10:30 5W58	00:18:30
OC147	PADTONX	12:12:30	12:13:30 2W58	00:01:00
OC147	ILFORD	12:40:00	12:40:30 2W58	00:00:30
OC147	SHENFLD	13:05:00	13:17:00 2B53	00:12:00
OC147	WSTBRNP	14:09:30	14:09:30 2B53	00:00:00
OC147	MDNHEAD	14:42:00	14:57:30 2B64	00:15:30
OC147	WSTBRNP	15:34:00	15:34:00 2B64	00:00:00
OC147	ILFORD	16:02:30	16:03:00 2B64	00:00:30
OC147	SHENFLD	16:27:00	16:33:30 2W11	00:06:30
OC147	PADTONX	17:24:00	17:25:00 5W11	00:01:00
OC147	WSTBRNP	17:27:00	17:39:00 5T90	00:12:00
OC147	PADTONX	17:41:00	17:42:00 2T90	00:01:00
OC147	ABWD	18:10:00	18:18:30 2S61	00:08:30
OC147	WSTBRNP	18:48:00	18:48:00 2S61	00:00:00
OC147	WDRYTON	19:06:00	19:20:00 5D61	00:14:00
OC147	OLDOECL	19:39:00	19:46:00 5D61	00:07:00
OC147	OLDOXRD	19:54:00		

## Diagram OC148

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC148	SHENFDS			07:20:30 5W29	
OC148	SHENFLD	07:22:30	07:23:30 2W29		00:01:00
OC148	PADTONX	08:14:00	08:15:00 5W29		00:01:00
OC148	WSTBRNP	08:17:00	08:24:00 5T26		00:07:00
OC148	PADTONX	08:26:00	08:27:00 2T26		00:01:00
OC148	WOLWCHX	08:51:30	08:52:30 5T26		00:01:00

OC148	PLUMSDG	09:04:00	15:57:30 5S53	06:53:30
OC148	WOLWCHX	16:09:00	16:10:00 2T77	00:01:00
OC148	PADTONX	16:34:00	16:35:00 5T77	00:01:00
OC148	WSTBRNP	16:37:00	16:46:30 5W00	00:09:30
OC148	PADTONX	16:48:30	16:49:30 2W00	00:01:00
OC148	ILFORD	17:16:00	17:16:30 2W00	00:00:30
OC148	SHENFLD	17:39:00	17:46:30 2B91	00:07:30
OC148	WSTBRNP	18:39:30	18:39:30 2B91	00:00:00
OC148	MDNHEAD	19:12:00	19:13:00 5B00	00:01:00
OC148	MDNHEAD	19:26:30	19:27:30 2B00	00:01:00
OC148	WSTBRNP	20:04:00	20:04:00 2B00	00:00:00
OC148	ILFORD	20:32:30	20:33:00 2B00	00:00:30
OC148	SHENFLD	20:57:30	21:09:30 2W65	00:12:00
OC148	PADTONX	22:00:00	22:01:00 5D65	00:01:00
OC148	WSTBRNP	22:02:00	22:02:00 5D65	00:00:00
OC148	OLDOXRB	22:07:00	22:07:00 5D65	00:00:00
OC148	OLDOXRW	22:14:30	22:14:30 5D65	00:00:00
OC148	OLDOXRD	22:17:30		

Diagram OC149		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC149	GIDEPKS		07:26:30	5W37	
OC149	SHENFLD	07:36:00	07:43:30	2W37	00:07:30
OC149	PADTONX	08:34:00	08:35:00	5W37	00:01:00
OC149	WSTBRNP	08:37:00	08:46:30	5W50	00:09:30
OC149	PADTONX	08:48:30	08:49:30	2W50	00:01:00
OC149	ILFORD	09:16:00	09:16:30	2W50	00:00:30
OC149	SHENFLD	09:39:00	09:47:00	2B25	00:08:00
OC149	WSTBRNP	10:39:30	10:39:30	2B25	00:00:00
OC149	MDNHEAD	11:12:00	11:27:30	2B36	00:15:30
OC149	WSTBRNP	12:04:00	12:04:00	2B36	00:00:00
OC149	ILFORD	12:32:30	12:33:00	2B36	00:00:30
OC149	SHENFLD	12:57:30	13:09:30	2W71	00:12:00
OC149	PADTONX	14:00:00	14:01:00	5D71	00:01:00
OC149	WSTBRNP	14:02:00	14:02:00	5D71	00:00:00
OC149	OLDOXRB	14:07:00	14:07:00	5D71	00:00:00
OC149	OLDOXRW	14:14:30	14:14:30	5D71	00:00:00
OC149	OLDOXRD	14:17:30	15:44:00	5W88	01:26:30
OC149	OLDOXRW	15:47:00	15:47:00	5W88	00:00:00
OC149	OLDOXRB	15:51:30	15:51:30	5W88	00:00:00
OC149	WSTBRNP	15:55:30	15:55:30	5W88	00:00:00
OC149	PADTONX	15:56:30	15:57:30	2W88	00:01:00
OC149	ILFORD	16:24:00	16:24:30	2W88	00:00:30
OC149	SHENFLD	16:47:00	16:53:30	2W19	00:06:30
OC149	PADTONX	17:44:00	17:45:00	5W19	00:01:00
OC149	WSTBRNP	17:47:00	17:54:00	5T92	00:07:00

OC149	PADTONX	17:56:00	17:57:00	2T92	00:01:00
OC149	WOLWCHX	18:21:30	18:22:30	5T92	00:01:00
OC149	PLUMSDG	18:34:00			

Diagram OC150		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC150	OLDOXR		07:41:00	5W28	
OC150	OLDOXRW	07:44:00	07:44:00	5W28	00:00:00
OC150	OLDOXRB	07:48:30	07:48:30	5W28	00:00:00
OC150	WSTBRNP	07:52:30	07:52:30	5W28	00:00:00
OC150	PADTONX	07:53:30	07:54:30	2W28	00:01:00
OC150	ILFORD	08:21:00	08:21:30	2W28	00:00:30
OC150	SHENFLD	08:44:00	08:52:30	2W59	00:08:30
OC150	PADTONX	09:43:00	09:44:00	5W59	00:01:00
OC150	WSTBRNP	09:46:00	09:51:30	5T40	00:05:30
OC150	PADTONX	09:53:30	09:54:30	2T40	00:01:00
OC150	ABWD	10:24:30	10:36:30	2T33	00:12:00
OC150	PADTONX	11:04:00	11:05:00	5T33	00:01:00
OC150	WSTBRNP	11:07:00	11:21:30	5T36	00:14:30
OC150	PADTONX	11:23:30	11:24:30	2T36	00:01:00
OC150	ABWD	11:54:30	12:06:30	2T45	00:12:00
OC150	PADTONX	12:34:00	12:35:00	5T45	00:01:00
OC150	WSTBRNP	12:37:00	12:51:30	5T48	00:14:30
OC150	PADTONX	12:53:30	12:54:30	2T48	00:01:00
OC150	ABWD	13:24:30	13:36:30	2T57	00:12:00
OC150	PADTONX	14:04:00	14:05:00	5T57	00:01:00
OC150	WSTBRNP	14:07:00	14:21:30	5T60	00:14:30
OC150	PADTONX	14:23:30	14:24:30	2T60	00:01:00
OC150	ABWD	14:54:30	15:06:30	2T69	00:12:00
OC150	PADTONX	15:34:00	15:35:00	5T69	00:01:00
OC150	WSTBRNP	15:37:00	15:51:30	5T72	00:14:30
OC150	PADTONX	15:53:30	15:54:30	2T72	00:01:00
OC150	ABWD	16:22:30	16:34:00	2T79	00:11:30
OC150	PADTONX	17:01:30	17:02:30	5D79	00:01:00
OC150	WSTBRNP	17:03:30	17:03:30	5D79	00:00:00
OC150	OLDOXRB	17:09:30	17:23:00	5W16	00:13:30
OC150	WSTBRNP	17:27:00	17:27:00	5W16	00:00:00
OC150	PADTONX	17:28:00	17:29:30	2W16	00:01:30
OC150	ILFORD	17:56:00	17:56:30	2W16	00:00:30
OC150	SHENFLD	18:20:00	18:27:30	5W16	00:07:30
OC150	GIDEPKS	18:39:00			

Diagram OC151		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC151	OLDOXR		07:43:30	5T22	
OC151	OLDOXRW	07:46:30	07:46:30	5T22	00:00:00



OC151	OLDOXRB	07:51:00	07:51:00 5T22	00:00:00
OC151	WSTBRNP	07:55:00	07:55:00 5T22	00:00:00
OC151	PADTONX	07:56:00	07:57:00 2T22	00:01:00
OC151	ABWD	08:27:00	08:34:00 2T29	00:07:00
OC151	PADTONX	09:01:30	09:02:30 5T29	00:01:00
OC151	WSTBRNP	09:04:30	09:09:30 5T32	00:05:00
OC151	PADTONX	09:11:30	09:12:30 2T32	00:01:00
OC151	ABWD	09:41:30	09:51:30 2T27	00:10:00
OC151	PADTONX	10:19:00	10:20:00 5T27	00:01:00
OC151	WSTBRNP	10:22:00	10:40:00 5W46	00:18:00
OC151	PADTONX	10:42:00	10:43:30 2W46	00:01:30
OC151	ILFORD	11:10:00	11:10:30 2W46	00:00:30
OC151	SHENFLD	11:34:30	11:47:00 2B41	00:12:30
OC151	WSTBRNP	12:39:30	12:39:30 2B41	00:00:00
OC151	MDNHEAD	13:12:00	13:27:30 2B52	00:15:30
OC151	WSTBRNP	14:04:00	14:04:00 2B52	00:00:00
OC151	ILFORD	14:32:30	14:33:00 2B52	00:00:30
OC151	SHENFLD	14:57:30	15:09:30 2W87	00:12:00
OC151	PADTONX	16:00:00	16:01:00 5D87	00:01:00
OC151	WSTBRNP	16:02:00	16:02:00 5D87	00:00:00
OC151	OLDOXRB	16:07:00	16:07:00 5D87	00:00:00
OC151	OLDOXRW	16:14:30	16:14:30 5D87	00:00:00
OC151	OLDOXRD	16:17:30	16:46:00 5W04	00:28:30
OC151	OLDOXRW	16:49:00	16:49:00 5W04	00:00:00
OC151	OLDOXRB	16:53:30	16:53:30 5W04	00:00:00
OC151	WSTBRNP	16:57:30	16:57:30 5W04	00:00:00
OC151	PADTONX	16:58:30	16:59:30 2W04	00:01:00
OC151	ILFORD	17:26:00	17:26:30 2W04	00:00:30
OC151	SHENFLD	17:49:30	17:58:30 2W39	00:09:00
OC151	PADTONX	18:49:00	18:50:00 5W39	00:01:00
OC151	WSTBRNP	18:52:00	19:06:30 5T04	00:14:30
OC151	PADTONX	19:08:30	19:09:30 2T04	00:01:00
OC151	ABWD	19:39:30	19:51:30 2T01	00:12:00
OC151	PADTONX	20:19:00	20:20:00 5T01	00:01:00
OC151	WSTBRNP	20:22:00	20:40:30 5W56	00:18:30
OC151	PADTONX	20:42:30	20:43:30 2W56	00:01:00
OC151	ILFORD	21:10:00	21:10:30 2W56	00:00:30
OC151	SHENFLD	21:33:00	21:46:00 2B23	00:13:00
OC151	WSTBRNP	22:39:30	22:39:30 2B23	00:00:00
OC151	MDNHEAD	23:18:00	23:27:30 2B32	00:09:30
OC151	WSTBRNP	00:04:00	00:04:00 2B32	00:00:00
OC151	ILFORD	00:33:30	00:34:00 2B32	00:00:30
OC151	SHENFLD	00:56:30	01:03:30 5B32	00:07:00
OC151	GIDPKS	01:13:00		

Diagram OC152

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC152	GIDEPKS		07:51:00	5W53	
OC152	SHENFDS	08:04:00	08:20:30	5W53	00:16:30
OC152	SHENFLD	08:22:30	08:23:30	2W53	00:01:00
OC152	PADTONX	09:14:00	09:15:00	5W53	00:01:00
OC152	WSTBRNP	09:17:00	09:24:30	5W62	00:07:30
OC152	PADTONX	09:26:30	09:27:30	2W62	00:01:00
OC152	ILFORD	09:54:00	09:54:30	2W62	00:00:30
OC152	SHENFLD	10:17:00	10:24:30	2W49	00:07:30
OC152	PADTONX	11:15:00	11:16:00	5W49	00:01:00
OC152	WSTBRNP	11:18:00	11:25:30	5W52	00:07:30
OC152	PADTONX	11:27:30	11:28:30	2W52	00:01:00
OC152	ILFORD	11:55:00	11:55:30	2W52	00:00:30
OC152	SHENFLD	12:20:00	12:32:00	2B47	00:12:00
OC152	WSTBRNP	13:24:30	13:24:30	2B47	00:00:00
OC152	MDNHEAD	14:00:00	14:15:00	2B58	00:15:00
OC152	WSTBRNP	14:49:00	14:49:00	2B58	00:00:00
OC152	ILFORD	15:17:30	15:18:00	2B58	00:00:30
OC152	SHENFLD	15:43:30	15:52:30	2W95	00:09:00
OC152	PADTONX	16:43:00	16:44:00	5W95	00:01:00
OC152	WSTBRNP	16:46:00	16:54:00	5T84	00:08:00
OC152	PADTONX	16:56:00	16:57:00	2T84	00:01:00
OC152	ABWD	17:27:00	17:34:00	2T83	00:07:00
OC152	PADTONX	18:01:30	18:02:30	5T83	00:01:00
OC152	WSTBRNP	18:04:30	18:12:30	5W34	00:08:00
OC152	PADTONX	18:14:30	18:15:30	2W34	00:01:00
OC152	ILFORD	18:42:00	18:42:30	2W34	00:00:30
OC152	SHENFLD	19:05:00	19:17:00	2B03	00:12:00
OC152	WSTBRNP	20:09:30	20:09:30	2B03	00:00:00
OC152	MDNHEAD	20:42:00	20:57:30	2B12	00:15:30
OC152	WSTBRNP	21:34:00	21:34:00	2B12	00:00:00
OC152	ILFORD	22:02:30	22:03:00	2B12	00:00:30
OC152	SHENFLD	22:25:30	22:36:00	2A37	00:10:30
OC152	WSTBRNP	23:28:30	23:28:30	2A37	00:00:00
OC152	HTRWTM4	23:55:00	00:17:00	5D37	00:22:00
OC152	OLDOECL	00:42:00	00:49:00	5D37	00:07:00
OC152	OLDOXRD	00:57:00			

## Diagram OC153

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC153	OLDOXRD		08:06:00	5W38	
OC153	OLDOXRW	08:09:00	08:09:00	5W38	00:00:00
OC153	OLDOXRB	08:13:30	08:13:30	5W38	00:00:00
OC153	WSTBRNP	08:17:30	08:17:30	5W38	00:00:00
OC153	PADTONX	08:18:30	08:19:30	2W38	00:01:00
OC153	ILFORD	08:46:00	08:46:30	2W38	00:00:30



OC153	SHENFLD	09:09:00	09:17:00 2B21	00:08:00
OC153	WSTBRNP	10:09:30	10:09:30 2B21	00:00:00
OC153	MDNHEAD	10:42:00	10:57:30 2B32	00:15:30
OC153	WSTBRNP	11:34:00	11:34:00 2B32	00:00:00
OC153	ILFORD	12:02:30	12:03:00 2B32	00:00:30
OC153	SHENFLD	12:27:30	12:39:30 2W67	00:12:00
OC153	PADTONX	13:30:00	13:31:00 5D67	00:01:00
OC153	WSTBRNP	13:32:00	13:32:00 5D67	00:00:00
OC153	OLDOXRB	13:37:00	13:37:00 5D67	00:00:00
OC153	OLDOXRW	13:44:30	13:44:30 5D67	00:00:00
OC153	OLDOXRD	13:47:30	15:25:30 5T70	01:38:00
OC153	OLDOXRW	15:28:30	15:28:30 5T70	00:00:00
OC153	OLDOXRB	15:33:00	15:33:00 5T70	00:00:00
OC153	WSTBRNP	15:37:00	15:37:00 5T70	00:00:00
OC153	PADTONX	15:38:00	15:39:30 2T70	00:01:30
OC153	ABWD	16:09:00	16:18:00 2S53	00:09:00
OC153	WSTBRNP	16:48:00	16:48:00 2S53	00:00:00
OC153	WDRYTON	17:06:00	17:19:00 2W20	00:13:00
OC153	WSTBRNP	17:37:30	17:37:30 2W20	00:00:00
OC153	ILFORD	18:06:00	18:06:30 2W20	00:00:30
OC153	SHENFLD	18:30:30	18:39:30 2W45	00:09:00
OC153	PADTONX	19:30:00	19:31:00 5D45	00:01:00
OC153	WSTBRNP	19:32:00	19:32:00 5D45	00:00:00
OC153	OLDOXRB	19:37:00	19:37:00 5D45	00:00:00
OC153	OLDOXRW	19:44:30	19:44:30 5D45	00:00:00
OC153	OLDOXRD	19:47:30	20:45:00 5W58	00:57:30
OC153	OLDOXRW	20:48:00	20:48:00 5W58	00:00:00
OC153	OLDOXRB	20:52:30	20:52:30 5W58	00:00:00
OC153	WSTBRNP	20:56:30	20:56:30 5W58	00:00:00
OC153	PADTONX	20:57:30	20:58:30 2W58	00:01:00
OC153	ILFORD	21:25:00	21:25:30 2W58	00:00:30
OC153	SHENFLD	21:49:00	21:56:00 2W69	00:07:00
OC153	PADTONX	22:46:30	22:47:30 5W69	00:01:00
OC153	WSTBRNP	22:49:30	23:09:00 5T28	00:19:30
OC153	PADTONX	23:11:00	23:12:00 2T28	00:01:00
OC153	ABWD	23:40:00	23:54:00 2B37	00:14:00
OC153	PADTONX	00:21:30	00:22:30 5D37	00:01:00
OC153	WSTBRNP	00:23:30	00:23:30 5D37	00:00:00
OC153	OLDOXRB	00:28:00	00:28:00 5D37	00:00:00
OC153	OLDOXRW	00:35:30	00:35:30 5D37	00:00:00
OC153	OLDOXRD	00:38:30		

Diagram OC501                      Traction: 345  
Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	MDNHDRS		05:30:00	

MDNHDRS 20:00:00



Diagram OC502 Traction: 345

Operational Spare Unit

Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	ILFEMUD		05:30:00	
	ILFEMUD	20:00:00		

**Stage 5 SX GE Residuals**

Diagram 1		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
	1 GIDEPKS		06:39:00	5L03	
	1 GIDEAPK	06:41:00	06:42:00	2L03	00:01:00
	1 LIVST	07:10:00	07:17:00	5L13	00:07:00
	1 GIDEPKM	07:47:30	07:58:30	5L13	00:11:00
	1 GIDEAPK	08:00:30	08:01:30	2L13	00:01:00
	1 LIVST	08:29:30	08:38:00	5L23	00:08:30
	1 GIDEPKM	09:08:00	09:21:00	5L23	00:13:00
	1 GIDEAPK	09:23:00	09:24:00	2L23	00:01:00
	1 LIVST	09:52:00	10:00:00	5V23	00:08:00
	1 CHADHTM	10:23:00	10:34:00	5V23	00:11:00
	1 ILFEMUD	10:44:00	16:12:00	5L56	05:28:00
	1 CHADHTM	16:23:00	16:35:30	5L56	00:12:30
	1 LIVST	17:00:30	17:12:30	2C56	00:12:00
	1 GIDEAPK	17:41:00	17:42:00	5C56	00:01:00
	1 GIDEPKM	17:44:00	17:52:00	5L66	00:08:00
	1 LIVST	18:22:00	18:29:00	2C66	00:07:00
	1 GIDEAPK	18:57:30	18:58:30	5C66	00:01:00
	1 GIDEPKS	19:00:30			

Diagram 2		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
	2 GIDEPKS		06:57:00	5L05	
	2 GIDEAPK	06:59:00	07:00:00	2L05	00:01:00
	2 LIVST	07:28:00	07:35:00	5L15	00:07:00
	2 GIDEPKM	08:05:30	08:13:30	5L15	00:08:00
	2 GIDEAPK	08:15:30	08:16:30	2L13	00:01:00
	2 LIVST	08:44:30	08:53:00	5C15	00:08:30
	2 GIDEPKS	09:23:00	15:46:00	5L50	06:23:00
	2 LIVST	16:16:00	16:23:00	2C50	00:07:00
	2 GIDEAPK	16:51:30	16:52:30	5C50	00:01:00
	2 GIDEPKM	16:54:30	17:04:30	5L60	00:10:00
	2 LIVST	17:34:30	17:42:30	2C60	00:08:00
	2 GIDEAPK	18:11:00	18:12:00	5C60	00:01:00
	2 GIDEPKM	18:14:00	18:22:00	5L70	00:08:00
	2 LIVST	18:52:00	19:05:30	2C70	00:13:30
	2 GIDEAPK	19:34:00	19:35:00	5C70	00:01:00
	2 GIDEPKM	19:37:00	19:45:00	5V70	00:08:00
	2 ILFEMUD	20:00:00			

Diagram 3		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
	3 ILFEMUD		07:03:00	5L09	

3 GIDEPKM	07:19:30	07:28:30	5L09	00:09:00
3 GIDEAPK	07:30:30	07:31:30	2L11	00:01:00
3 LIVST	07:59:30	08:08:00	5L19	00:08:30
3 GIDEPKM	08:38:00	08:45:00	5L19	00:07:00
3 GIDEAPK	08:47:00	08:48:00	2L19	00:01:00
3 LIVST	09:16:00	09:23:00	5C19	00:07:00
3 GIDEPKS	09:53:00	16:04:00	5L52	06:11:00
3 LIVST	16:34:00	16:41:00	2C52	00:12:00
3 GIDEAPK	17:09:30	17:10:30	5C52	00:01:00
3 GIDEPKM	17:12:30	17:19:30	5L62	00:07:00
3 LIVST	17:49:30	17:57:30	2C62	00:08:00
3 GIDEAPK	18:26:00	18:27:00	5C62	00:01:00
3 GIDEPKM	18:29:00	18:37:00	5L72	00:08:00
3 LIVST	19:08:30	19:27:30	2C72	00:19:00
3 GIDEAPK	19:56:00	19:57:00	5C72	00:01:00
3 GIDEPKS	19:59:00			

## Diagram 4

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
	4 GIDEPKS			07:13:30 5L07	
	4 GIDEAPK	07:15:30	07:16:30	2L07	00:01:00
	4 LIVST	07:44:30	07:53:00	5L17	00:08:30
	4 GIDEPKM	08:23:30	08:28:30	5L17	00:05:00
	4 GIDEAPK	08:30:30	08:31:30	2L17	00:01:00
	4 LIVST	08:59:30	09:08:00	5C17	00:08:30
	4 GIDEPKS	09:38:00	16:19:30	5L54	06:41:30
	4 LIVST	16:49:30	16:57:30	2C54	00:08:00
	4 GIDEAPK	17:26:00	17:27:00	5C54	00:01:00
	4 GIDEPKM	17:29:00	17:34:00	5L64	00:05:00
	4 LIVST	18:04:30	18:12:30	2C64	00:08:00
	4 GIDEAPK	18:41:00	18:42:00	5C64	00:01:00
	4 GIDEPKS	18:44:00			

## Diagram 5

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
	5 GIDEPKS			07:43:30 5L11	
	5 GIDEAPK	07:45:30	07:46:30	2L11	00:01:00
	5 LIVST	08:14:30	08:23:00	5L21	00:08:30
	5 GIDEPKM	08:53:00	09:03:00	5L21	00:10:00
	5 GIDEAPK	09:05:00	09:06:00	2L21	00:01:00
	5 LIVST	09:34:00	09:41:00	5V21	00:07:00
	5 CHADHTM	10:05:00	10:12:00	5V21	00:07:00
	5 ILFEMUD	10:22:00	16:31:00	5L58	06:09:00
	5 CHADHTM	16:42:00	16:55:30	5L58	00:13:30
	5 LIVST	17:19:30	17:27:30	2C58	00:08:00
	5 GIDEAPK	17:56:00	17:57:00	5C58	00:01:00

5 GIDPKM	17:59:00	18:10:00 5L68	00:11:00
5 LIVST	18:40:00	18:47:00 2C68	00:07:00
5 GIDEAPK	19:15:30	19:16:30 5C68	00:01:00
5 GIDPKS	19:18:30		

## Stage 5 SO

Diagram OC-101		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-101	OLDOXRD		04:23:00	5Y08	
OC-101	OLDOXRW	04:26:00	04:26:00	5Y08	00:00:00
OC-101	OLDOXRB	04:30:30	04:30:30	5Y08	00:00:00
OC-101	PADTON	04:37:00	04:45:00	5Y08	00:08:00
OC-101	HTRWTM4	05:06:00	05:17:00	2A08	00:11:00
OC-101	WSTBRNP	05:45:00	05:45:00	2A08	00:00:00
OC-101	ILFORD	06:13:30	06:14:00	2A08	00:00:30
OC-101	SHENFLD	06:36:30	06:46:00	2B19	00:09:30
OC-101	WSTBRNP	07:38:30	07:38:30	2B19	00:00:00
OC-101	MDNHEAD	08:11:00	08:27:30	2B30	00:16:30
OC-101	WSTBRNP	09:04:00	09:04:00	2B30	00:00:00
OC-101	ILFORD	09:32:30	09:33:00	2B30	00:00:30
OC-101	SHENFLD	09:55:30	10:09:30	2W47	00:14:00
OC-101	PADTONX	11:00:00	11:01:00	5D47	00:01:00
OC-101	WSTBRNP	11:02:00	11:02:00	5D47	00:00:00
OC-101	OLDOXRB	11:06:30	11:06:30	5D47	00:00:00
OC-101	OLDOXRW	11:14:30	11:14:30	5D47	00:00:00
OC-101	OLDOXRD	11:17:30	11:56:00	5T42	00:38:30
OC-101	OLDOXRW	11:59:00	11:59:00	5T42	00:00:00
OC-101	OLDOXRB	12:03:30	12:03:30	5T42	00:00:00
OC-101	WSTBRNP	12:07:30	12:07:30	5T42	00:00:00
OC-101	PADTONX	12:08:30	12:09:30	2T42	00:01:00
OC-101	ABWD	12:39:30	12:51:30	2T51	00:12:00
OC-101	PADTONX	13:19:00	13:20:00	5T51	00:01:00
OC-101	WSTBRNP	13:22:00	13:40:30	5W70	00:18:30
OC-101	PADTONX	13:42:30	13:43:30	2W70	00:01:00
OC-101	ILFORD	14:10:00	14:10:30	2W70	00:00:30
OC-101	SHENFLD	14:35:00	14:47:00	2B65	00:12:00
OC-101	WSTBRNP	15:39:30	15:39:30	2B65	00:00:00
OC-101	MDNHEAD	16:12:00	16:27:30	2B76	00:15:30
OC-101	WSTBRNP	17:04:00	17:04:00	2B76	00:00:00
OC-101	ILFORD	17:32:30	17:33:00	2B76	00:00:30
OC-101	SHENFLD	17:57:30	18:09:30	2W41	00:12:00
OC-101	PADTONX	19:00:00	19:01:00	5D41	00:01:00
OC-101	WSTBRNP	19:02:00	19:02:00	5D41	00:00:00
OC-101	OLDOXRB	19:06:30	19:06:30	5D41	00:00:00
OC-101	OLDOXRW	19:14:30	19:14:30	5D41	00:00:00
OC-101	OLDOXRD	19:17:30	19:56:00	5T12	00:38:30
OC-101	OLDOXRW	19:59:00	19:59:00	5T12	00:00:00
OC-101	OLDOXRB	20:03:30	20:03:30	5T12	00:00:00
OC-101	WSTBRNP	20:07:30	20:07:30	5T12	00:00:00
OC-101	PADTONX	20:08:30	20:09:30	2T12	00:01:00

OC-101	ABWD	20:39:30	20:51:30	2T59	00:12:00
OC-101	PADTONX	21:19:00	21:20:00	5T59	00:01:00
OC-101	WSTBRNP	21:22:00	21:40:30	5W64	00:18:30
OC-101	PADTONX	21:42:30	21:43:30	2W64	00:01:00
OC-101	ILFORD	22:10:00	22:10:30	2W64	00:00:30
OC-101	SHENFLD	22:33:00	22:46:00	2B31	00:13:00
OC-101	WSTBRNP	23:39:30	23:39:30	2B31	00:00:00
OC-101	MDNHEAD	00:12:00	00:13:00	5B31	00:01:00
OC-101	MDNHDRS	00:15:00			

Diagram OC-102		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-102	ILFEMUD			04:20:30	5L01
OC-102	SHENFLD	04:39:00	04:46:00	2L01	00:07:00
OC-102	LIVST	05:24:30	05:33:00	2W02	00:08:30
OC-102	ILFORD	05:48:30	05:49:00	2W02	00:00:30
OC-102	SHENFLD	06:11:30	06:26:00	2W15	00:14:30
OC-102	PADTONX	07:16:30	07:17:30	5W15	00:01:00
OC-102	WSTBRNP	07:19:30	07:39:00	5T20	00:19:30
OC-102	PADTONX	07:41:00	07:42:00	2T20	00:01:00
OC-102	ABWD	08:12:00	08:24:00	2B33	00:12:00
OC-102	WSTBRNP	08:54:30	08:54:30	2B33	00:00:00
OC-102	MDNHEAD	09:30:00	09:45:00	2B22	00:15:00
OC-102	WSTBRNP	10:19:00	10:19:00	2B22	00:00:00
OC-102	ILFORD	10:47:30	10:48:00	2B22	00:00:30
OC-102	SHENFLD	11:12:30	11:24:30	2W57	00:12:00
OC-102	PADTONX	12:15:00	12:16:00	5W57	00:01:00
OC-102	WSTBRNP	12:18:00	12:25:30	5W60	00:07:30
OC-102	PADTONX	12:27:30	12:28:30	2W60	00:01:00
OC-102	ILFORD	12:55:00	12:55:30	2W60	00:00:30
OC-102	SHENFLD	13:20:00	13:32:00	2B55	00:12:00
OC-102	WSTBRNP	14:24:30	14:24:30	2B55	00:00:00
OC-102	MDNHEAD	15:00:00	15:15:00	2B66	00:15:00
OC-102	WSTBRNP	15:49:00	15:49:00	2B66	00:00:00
OC-102	ILFORD	16:17:30	16:18:00	2B66	00:00:30
OC-102	SHENFLD	16:42:30	16:54:30	2W19	00:12:00
OC-102	PADTONX	17:45:00	17:46:00	5W19	00:01:00
OC-102	WSTBRNP	17:48:00	17:55:30	5W28	00:07:30
OC-102	PADTONX	17:57:30	17:58:30	2W28	00:01:00
OC-102	ILFORD	18:25:00	18:25:30	2W28	00:00:30
OC-102	SHENFLD	18:48:00	19:02:00	2B01	00:14:00
OC-102	WSTBRNP	19:54:30	19:54:30	2B01	00:00:00
OC-102	MDNHEAD	20:30:00	20:45:00	2B10	00:15:00
OC-102	WSTBRNP	21:19:00	21:19:00	2B10	00:00:00
OC-102	ILFORD	21:47:30	21:48:00	2B10	00:00:30
OC-102	SHENFLD	22:10:30	22:26:00	2W67	00:15:30



OC-102	PADTONX	23:16:30	23:17:30 5W67	00:01:00
OC-102	WSTBRNP	23:19:30	23:39:00 5T30	00:19:30
OC-102	PADTONX	23:41:00	23:42:00 2T30	00:01:00
OC-102	ABWD	00:10:00	00:17:00 5T30	00:07:00
OC-102	PLUMSDG	00:26:00		

Diagram OC-103		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-103	OLDOXR			04:22:30 5A03	
OC-103	OLDOXRW	04:25:30	04:25:30	5A03	00:00:00
OC-103	OLDOXRB	04:30:00	04:30:00	5A03	00:00:00
OC-103	PADTON	04:35:00	04:42:00	2A03	00:07:00
OC-103	HTRWTM4	05:10:00	05:32:00	2A10	00:22:00
OC-103	WSTBRNP	06:00:00	06:00:00	2A10	00:00:00
OC-103	ABWD	06:30:00	06:44:00	2A23	00:14:00
OC-103	WSTBRNP	07:13:30	07:13:30	2A23	00:00:00
OC-103	HTRWTM4	07:40:00	08:02:00	2A30	00:22:00
OC-103	WSTBRNP	08:30:00	08:30:00	2A30	00:00:00
OC-103	ABWD	09:02:00	09:14:00	2A41	00:12:00
OC-103	WSTBRNP	09:43:30	09:43:30	2A41	00:00:00
OC-103	HTRWTM4	10:10:00	10:32:00	2A38	00:22:00
OC-103	WSTBRNP	11:00:00	11:00:00	2A38	00:00:00
OC-103	ABWD	11:32:00	11:44:00	2A47	00:12:00
OC-103	WSTBRNP	12:13:30	12:13:30	2A47	00:00:00
OC-103	HTRWTM4	12:40:00	13:02:00	2A58	00:22:00
OC-103	WSTBRNP	13:30:00	13:30:00	2A58	00:00:00
OC-103	ABWD	14:02:00	14:14:00	2A67	00:12:00
OC-103	WSTBRNP	14:43:30	14:43:30	2A67	00:00:00
OC-103	HTRWTM4	15:10:00	15:32:00	2A78	00:22:00
OC-103	WSTBRNP	16:00:00	16:00:00	2A78	00:00:00
OC-103	ABWD	16:32:00	16:44:00	2A87	00:12:00
OC-103	WSTBRNP	17:13:30	17:13:30	2A87	00:00:00
OC-103	HTRWTM4	17:40:00	18:02:00	2A98	00:22:00
OC-103	WSTBRNP	18:30:00	18:30:00	2A98	00:00:00
OC-103	ABWD	19:02:00	19:14:00	2A07	00:12:00
OC-103	WSTBRNP	19:43:30	19:43:30	2A07	00:00:00
OC-103	HTRWTM4	20:10:00	20:32:00	2A18	00:22:00
OC-103	WSTBRNP	21:00:00	21:00:00	2A18	00:00:00
OC-103	ABWD	21:32:00	21:44:00	2A27	00:12:00
OC-103	WSTBRNP	22:13:30	22:13:30	2A27	00:00:00
OC-103	HTRWTM4	22:40:00	23:02:00	2A38	00:22:00
OC-103	WSTBRNP	23:30:00	23:30:00	2A38	00:00:00
OC-103	ABWD	00:00:30	00:07:00	5A38	00:06:30
OC-103	PLUMSDG	00:16:00			

Diagram OC-104

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-104	OLDOXRD			04:37:30 5A05	
OC-104	OLDOXRW	04:40:30		04:40:30 5A05	00:00:00
OC-104	OLDOXRB	04:45:00		04:45:00 5A05	00:00:00
OC-104	PADTON	04:50:00		04:57:00 2A05	00:07:00
OC-104	HTRWTM4	05:25:00		05:47:00 2A12	00:22:00
OC-104	WSTBRNP	06:15:00		06:15:00 2A12	00:00:00
OC-104	ILFORD	06:43:30		06:44:00 2A12	00:00:30
OC-104	SHENFLD	07:09:00		07:16:00 2B21	00:07:00
OC-104	WSTBRNP	08:08:30		08:08:30 2B21	00:00:00
OC-104	MDNHEAD	08:41:00		08:57:30 2B34	00:16:30
OC-104	WSTBRNP	09:34:00		09:34:00 2B34	00:00:00
OC-104	ILFORD	10:02:30		10:03:00 2B34	00:00:30
OC-104	SHENFLD	10:27:30		10:39:30 2W51	00:12:00
OC-104	PADTONX	11:30:00		11:31:00 5D51	00:01:00
OC-104	WSTBRNP	11:32:00		11:32:00 5D51	00:00:00
OC-104	OLDOXRB	11:37:00		11:37:00 5D51	00:00:00
OC-104	OLDOXRW	11:45:00		11:45:00 5D51	00:00:00
OC-104	OLDOXRD	11:48:00		12:26:00 5T46	00:38:00
OC-104	OLDOXRW	12:29:00		12:29:00 5T46	00:00:00
OC-104	OLDOXRB	12:33:30		12:33:30 5T46	00:00:00
OC-104	WSTBRNP	12:37:30		12:37:30 5T46	00:00:00
OC-104	PADTONX	12:38:30		12:39:30 2T46	00:01:00
OC-104	ABWD	13:09:30		13:21:30 2T55	00:12:00
OC-104	PADTONX	13:49:00		13:50:00 5T55	00:01:00
OC-104	WSTBRNP	13:52:00		14:10:30 5W74	00:18:30
OC-104	PADTONX	14:12:30		14:13:30 2W74	00:01:00
OC-104	ILFORD	14:40:00		14:40:30 2W74	00:00:30
OC-104	SHENFLD	15:05:00		15:17:00 2B69	00:12:00
OC-104	WSTBRNP	16:09:30		16:09:30 2B69	00:00:00
OC-104	MDNHEAD	16:42:00		16:57:30 2B80	00:15:30
OC-104	WSTBRNP	17:34:00		17:34:00 2B80	00:00:00
OC-104	ILFORD	18:02:30		18:03:00 2B80	00:00:30
OC-104	SHENFLD	18:28:00		18:39:30 2W45	00:11:30
OC-104	PADTONX	19:30:00		19:31:00 5D45	00:01:00
OC-104	WSTBRNP	19:32:00		19:32:00 5D45	00:00:00
OC-104	OLDOXRB	19:37:00		19:37:00 5D45	00:00:00
OC-104	OLDOXRW	19:45:00		19:45:00 5D45	00:00:00
OC-104	OLDOXRD	19:48:00		20:26:00 5T16	00:38:00
OC-104	OLDOXRW	20:29:00		20:29:00 5T16	00:00:00
OC-104	OLDOXRB	20:33:30		20:33:30 5T16	00:00:00
OC-104	WSTBRNP	20:37:30		20:37:30 5T16	00:00:00
OC-104	PADTONX	20:38:30		20:39:30 2T16	00:01:00
OC-104	ABWD	21:09:30		21:21:30 2T09	00:12:00
OC-104	PADTONX	21:49:00		21:50:00 5T09	00:01:00
OC-104	WSTBRNP	21:52:00		22:09:00 5T28	00:17:00

OC-104	PADTONX	22:11:00	22:12:00	2T28	00:01:00
OC-104	ABWD	22:40:00	22:54:00	2B29	00:14:00
OC-104	WSTBRNP	23:24:30	23:24:30	2B29	00:00:00
OC-104	MDNHEAD	00:00:00	00:01:00	5B29	00:01:00
OC-104	MDNHDRS	00:03:00			

Diagram OC-105		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-105	GIDEPKS			04:49:00 5A13	
OC-105	SHENFLD	04:58:30	05:06:00	2A13	00:07:30
OC-105	WSTBRNP	05:58:30	05:58:30	2A13	00:00:00
OC-105	HTRWTM4	06:25:00	06:47:00	2A20	00:22:00
OC-105	WSTBRNP	07:15:00	07:15:00	2A20	00:00:00
OC-105	ILFORD	07:43:30	07:44:00	2A20	00:00:30
OC-105	SHENFLD	08:09:00	08:16:00	2B25	00:07:00
OC-105	WSTBRNP	09:08:30	09:08:30	2B25	00:00:00
OC-105	MDNHEAD	09:41:00	09:57:30	2B24	00:16:30
OC-105	WSTBRNP	10:34:00	10:34:00	2B24	00:00:00
OC-105	ILFORD	11:02:30	11:03:00	2B24	00:00:30
OC-105	SHENFLD	11:27:30	11:39:30	2W59	00:12:00
OC-105	PADTONX	12:30:00	12:31:00	5D59	00:01:00
OC-105	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
OC-105	OLDOXRB	12:36:30	12:36:30	5D59	00:00:00
OC-105	OLDOXRW	12:44:30	12:44:30	5D59	00:00:00
OC-105	OLDOXRD	12:47:30	13:26:00	5T54	00:38:30
OC-105	OLDOXRW	13:29:00	13:29:00	5T54	00:00:00
OC-105	OLDOXRB	13:33:30	13:33:30	5T54	00:00:00
OC-105	WSTBRNP	13:37:30	13:37:30	5T54	00:00:00
OC-105	PADTONX	13:38:30	13:39:30	2T54	00:01:00
OC-105	ABWD	14:09:30	14:21:30	2T63	00:12:00
OC-105	PADTONX	14:49:00	14:50:00	5T63	00:01:00
OC-105	WSTBRNP	14:52:00	15:10:30	5W82	00:18:30
OC-105	PADTONX	15:12:30	15:13:30	2W82	00:01:00
OC-105	ILFORD	15:40:00	15:40:30	2W82	00:00:30
OC-105	SHENFLD	16:04:30	16:17:00	2B79	00:12:30
OC-105	WSTBRNP	17:09:30	17:09:30	2B79	00:00:00
OC-105	MDNHEAD	17:42:00	17:57:30	2B88	00:15:30
OC-105	WSTBRNP	18:34:00	18:34:00	2B88	00:00:00
OC-105	ILFORD	19:02:30	19:03:00	2B88	00:00:30
OC-105	SHENFLD	19:27:30	19:39:30	2W53	00:12:00
OC-105	PADTONX	20:30:00	20:31:00	5D53	00:01:00
OC-105	WSTBRNP	20:32:00	20:32:00	5D53	00:00:00
OC-105	OLDOXRB	20:37:00	20:37:00	5D53	00:00:00
OC-105	OLDOXRW	20:45:00	20:45:00	5D53	00:00:00
OC-105	OLDOXRD	20:48:00	21:25:00	5T24	00:37:00
OC-105	OLDOXRW	21:28:00	21:28:00	5T24	00:00:00

OC-105	OLDOXRB	21:32:30	21:32:30	5T24	00:00:00
OC-105	WSTBRNP	21:36:30	21:36:30	5T24	00:00:00
OC-105	PADTONX	21:37:30	21:39:30	2T24	00:02:00
OC-105	ABWD	22:07:30	22:18:00	5T24	00:10:30
OC-105	PLUMSDG	22:27:00			

Diagram OC-106		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-106	ILFEMUD			04:50:00	5B11
OC-106	SHENFLD	05:08:30	05:16:00	2B11	00:07:30
OC-106	WSTBRNP	06:08:30	06:08:30	2B11	00:00:00
OC-106	MDNHEAD	06:42:00	06:57:30	2B18	00:15:30
OC-106	WSTBRNP	07:34:00	07:34:00	2B18	00:00:00
OC-106	ILFORD	08:03:30	08:04:00	2B18	00:00:30
OC-106	SHENFLD	08:27:30	08:39:30	2W57	00:12:00
OC-106	PADTONX	09:30:00	09:31:00	5D57	00:01:00
OC-106	WSTBRNP	09:32:00	09:32:00	5D57	00:00:00
OC-106	OLDOXRB	09:37:00	09:37:00	5D57	00:00:00
OC-106	OLDOXRW	09:45:00	09:45:00	5D57	00:00:00
OC-106	OLDOXRD	09:48:00	10:26:00	5T30	00:38:00
OC-106	OLDOXRW	10:29:00	10:29:00	5T30	00:00:00
OC-106	OLDOXRB	10:33:30	10:33:30	5T30	00:00:00
OC-106	WSTBRNP	10:37:30	10:37:30	5T30	00:00:00
OC-106	PADTONX	10:38:30	10:39:30	2T30	00:01:00
OC-106	ABWD	11:09:30	11:21:30	2T39	00:12:00
OC-106	PADTONX	11:49:00	11:50:00	5T39	00:01:00
OC-106	WSTBRNP	11:52:00	12:10:30	5W58	00:18:30
OC-106	PADTONX	12:12:30	12:13:30	2W58	00:01:00
OC-106	ILFORD	12:40:00	12:40:30	2W58	00:00:30
OC-106	SHENFLD	13:05:00	13:17:00	2B53	00:12:00
OC-106	WSTBRNP	14:09:30	14:09:30	2B53	00:00:00
OC-106	MDNHEAD	14:42:00	14:57:30	2B64	00:15:30
OC-106	WSTBRNP	15:34:00	15:34:00	2B64	00:00:00
OC-106	ILFORD	16:02:30	16:03:00	2B64	00:00:30
OC-106	SHENFLD	16:27:30	16:39:30	2W13	00:12:00
OC-106	PADTONX	17:30:00	17:31:00	5D13	00:01:00
OC-106	WSTBRNP	17:32:00	17:32:00	5D13	00:00:00
OC-106	OLDOXRB	17:36:30	17:36:30	5D13	00:00:00
OC-106	OLDOXRW	17:44:30	17:44:30	5D13	00:00:00
OC-106	OLDOXRD	17:47:30	18:25:00	5T00	00:37:30
OC-106	OLDOXRW	18:28:00	18:28:00	5T00	00:00:00
OC-106	OLDOXRB	18:32:30	18:32:30	5T00	00:00:00
OC-106	WSTBRNP	18:36:30	18:36:30	5T00	00:00:00
OC-106	PADTONX	18:37:30	18:39:30	2T00	00:02:00
OC-106	ABWD	19:09:30	19:21:30	2T03	00:12:00
OC-106	PADTONX	19:49:00	19:50:00	5T03	00:01:00

OC-106	WSTBRNP	19:52:00	20:10:30	5W52	00:18:30
OC-106	PADTONX	20:12:30	20:13:30	2W52	00:01:00
OC-106	ILFORD	20:40:00	20:40:30	2W52	00:00:30
OC-106	SHENFLD	21:05:00	21:17:00	2B19	00:12:00
OC-106	WSTBRNP	22:09:30	22:09:30	2B19	00:00:00
OC-106	MDNHEAD	22:42:00	22:57:30	2B28	00:15:30
OC-106	WSTBRNP	23:34:00	23:34:00	2B28	00:00:00
OC-106	ILFORD	00:03:30	00:04:00	2B28	00:00:30
OC-106	SHENFLD	00:26:30	00:33:30	5V28	00:07:00
OC-106	ILFEMUD	00:58:30			

## Diagram OC-107

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-107	OLDOXR			04:52:30 5A07	
OC-107	OLDOXRW	04:55:30	04:55:30	5A07	00:00:00
OC-107	OLDOXRB	05:00:00	05:00:00	5A07	00:00:00
OC-107	PADTON	05:05:00	05:12:00	2A07	00:07:00
OC-107	HTRWTM4	05:40:00	06:02:00	2A14	00:22:00
OC-107	WSTBRNP	06:30:00	06:30:00	2A14	00:00:00
OC-107	ABWD	07:00:00	07:14:00	2A27	00:14:00
OC-107	WSTBRNP	07:43:30	07:43:30	2A27	00:00:00
OC-107	HTRWTM4	08:10:00	08:32:00	2A34	00:22:00
OC-107	WSTBRNP	09:00:00	09:00:00	2A34	00:00:00
OC-107	ABWD	09:32:00	09:44:00	2A31	00:12:00
OC-107	WSTBRNP	10:13:30	10:13:30	2A31	00:00:00
OC-107	HTRWTM4	10:40:00	11:02:00	2A42	00:22:00
OC-107	WSTBRNP	11:30:00	11:30:00	2A42	00:00:00
OC-107	ABWD	12:02:00	12:14:00	2A51	00:12:00
OC-107	WSTBRNP	12:43:30	12:43:30	2A51	00:00:00
OC-107	HTRWTM4	13:10:00	13:32:00	2A62	00:22:00
OC-107	WSTBRNP	14:00:00	14:00:00	2A62	00:00:00
OC-107	ABWD	14:32:00	14:44:00	2A71	00:12:00
OC-107	WSTBRNP	15:13:30	15:13:30	2A71	00:00:00
OC-107	HTRWTM4	15:40:00	16:02:00	2A82	00:22:00
OC-107	WSTBRNP	16:30:00	16:30:00	2A82	00:00:00
OC-107	ABWD	17:02:00	17:14:00	2A91	00:12:00
OC-107	WSTBRNP	17:43:30	17:43:30	2A91	00:00:00
OC-107	HTRWTM4	18:10:00	18:32:00	2A02	00:22:00
OC-107	WSTBRNP	19:00:00	19:00:00	2A02	00:00:00
OC-107	ABWD	19:32:00	19:44:00	2A11	00:12:00
OC-107	WSTBRNP	20:13:30	20:13:30	2A11	00:00:00
OC-107	HTRWTM4	20:40:00	21:02:00	2A22	00:22:00
OC-107	WSTBRNP	21:30:00	21:30:00	2A22	00:00:00
OC-107	ABWD	22:00:00	22:14:00	2A31	00:14:00
OC-107	WSTBRNP	22:43:30	22:43:30	2A31	00:00:00
OC-107	HTRWTM4	23:10:00	23:32:00	2A42	00:22:00

OC-107	WSTBRNP	00:00:00	00:00:00	2A42	00:00:00
OC-107	ABWD	00:30:00	00:37:00	5A42	00:07:00
OC-107	PLUMSDG	00:46:00			

Diagram OC-108		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-108	ILFEMUD			05:00:30 5W05	
OC-108	SHENFLD	05:19:00	05:26:00	2W05	00:07:00
OC-108	PADTONX	06:16:30	06:17:30	5W05	00:01:00
OC-108	WSTBRNP	06:19:30	06:39:00	5T08	00:19:30
OC-108	PADTONX	06:41:00	06:42:00	2T08	00:01:00
OC-108	ABWD	07:10:00	07:24:00	2B25	00:14:00
OC-108	WSTBRNP	07:54:30	07:54:30	2B25	00:00:00
OC-108	MDNHEAD	08:30:00	08:45:00	2B32	00:15:00
OC-108	WSTBRNP	09:19:00	09:19:00	2B32	00:00:00
OC-108	ILFORD	09:47:30	09:48:00	2B32	00:00:30
OC-108	SHENFLD	10:12:30	10:24:30	2W49	00:12:00
OC-108	PADTONX	11:15:00	11:16:00	5W49	00:01:00
OC-108	WSTBRNP	11:18:00	11:25:30	5W52	00:07:30
OC-108	PADTONX	11:27:30	11:28:30	2W52	00:01:00
OC-108	ILFORD	11:55:00	11:55:30	2W52	00:00:30
OC-108	SHENFLD	12:20:00	12:32:00	2B47	00:12:00
OC-108	WSTBRNP	13:24:30	13:24:30	2B47	00:00:00
OC-108	MDNHEAD	14:00:00	14:15:00	2B58	00:15:00
OC-108	WSTBRNP	14:49:00	14:49:00	2B58	00:00:00
OC-108	ILFORD	15:17:30	15:18:00	2B58	00:00:30
OC-108	SHENFLD	15:42:30	15:54:30	2W95	00:12:00
OC-108	PADTONX	16:45:00	16:46:00	5W95	00:01:00
OC-108	WSTBRNP	16:48:00	16:55:30	5W04	00:07:30
OC-108	PADTONX	16:57:30	16:58:30	2W04	00:01:00
OC-108	ILFORD	17:25:00	17:25:30	2W04	00:00:30
OC-108	SHENFLD	17:50:00	18:02:00	2B93	00:12:00
OC-108	WSTBRNP	18:54:30	18:54:30	2B93	00:00:00
OC-108	MDNHEAD	19:30:00	19:45:00	2B02	00:15:00
OC-108	WSTBRNP	20:19:00	20:19:00	2B02	00:00:00
OC-108	ILFORD	20:47:30	20:48:00	2B02	00:00:30
OC-108	SHENFLD	21:12:30	21:26:00	2W63	00:13:30
OC-108	PADTONX	22:16:30	22:17:30	5W63	00:01:00
OC-108	WSTBRNP	22:19:30	22:39:00	5T30	00:19:30
OC-108	PADTONX	22:41:00	22:42:00	2T30	00:01:00
OC-108	ABWD	23:10:00	23:24:00	2B33	00:14:00
OC-108	PADTONX	23:51:30	23:52:30	5B33	00:01:00
OC-108	WSTBRNP	23:54:30	00:09:00	5T34	00:14:30
OC-108	PADTONX	00:11:00	00:12:00	2T34	00:01:00
OC-108	ABWD	00:40:00	00:47:00	5T32	00:07:00
OC-108	PLUMSDG	00:56:00			

Diagram OC-109			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-109	OLDOXRD			05:03:30 5B05	
OC-109	OLDOXRW	05:06:30	05:06:30	5B05	00:00:00
OC-109	OLDOXRB	05:11:00	05:11:00	5B05	00:00:00
OC-109	PADTON	05:16:00	05:23:00	2B05	00:07:00
OC-109	MDNHEAD	06:00:00	06:15:00	2B12	00:15:00
OC-109	WSTBRNP	06:49:00	06:49:00	2B12	00:00:00
OC-109	ABWD	07:20:00	07:34:00	2T11	00:14:00
OC-109	PADTONX	08:01:30	08:02:30	5T11	00:01:00
OC-109	WSTBRNP	08:04:30	08:24:00	5W42	00:19:30
OC-109	PADTONX	08:26:00	08:27:00	2W42	00:01:00
OC-109	ILFORD	08:53:30	08:54:00	2W42	00:00:30
OC-109	SHENFLD	09:16:30	09:24:30	2W41	00:08:00
OC-109	PADTONX	10:15:00	10:16:00	5W41	00:01:00
OC-109	WSTBRNP	10:18:00	10:25:30	5W44	00:07:30
OC-109	PADTONX	10:27:30	10:28:30	2W44	00:01:00
OC-109	ILFORD	10:55:00	10:55:30	2W44	00:00:30
OC-109	SHENFLD	11:20:00	11:32:00	2B39	00:12:00
OC-109	WSTBRNP	12:24:30	12:24:30	2B39	00:00:00
OC-109	MDNHEAD	13:00:00	13:15:00	2B50	00:15:00
OC-109	WSTBRNP	13:49:00	13:49:00	2B50	00:00:00
OC-109	ILFORD	14:17:30	14:18:00	2B50	00:00:30
OC-109	SHENFLD	14:42:30	14:54:30	2W85	00:12:00
OC-109	PADTONX	15:45:00	15:46:00	5W85	00:01:00
OC-109	WSTBRNP	15:48:00	15:55:30	5W88	00:07:30
OC-109	PADTONX	15:57:30	15:58:30	2W88	00:01:00
OC-109	ILFORD	16:25:00	16:25:30	2W88	00:00:30
OC-109	SHENFLD	16:50:00	17:02:00	2B85	00:12:00
OC-109	WSTBRNP	17:54:30	17:54:30	2B85	00:00:00
OC-109	MDNHEAD	18:30:00	18:45:00	2B94	00:15:00
OC-109	WSTBRNP	19:19:00	19:19:00	2B94	00:00:00
OC-109	ILFORD	19:47:30	19:48:00	2B94	00:00:30
OC-109	SHENFLD	20:12:30	20:24:30	2W59	00:12:00
OC-109	PADTONX	21:15:00	21:16:00	5W59	00:01:00
OC-109	WSTBRNP	21:18:00	21:25:30	5W62	00:07:30
OC-109	PADTONX	21:27:30	21:28:30	2W62	00:01:00
OC-109	ILFORD	21:55:00	21:55:30	2W62	00:00:30
OC-109	SHENFLD	22:19:00	22:36:00	2A37	00:17:00
OC-109	WSTBRNP	23:28:30	23:28:30	2A37	00:00:00
OC-109	HTRWTM4	23:55:00	00:17:00	5D37	00:22:00
OC-109	OLDOECL	00:42:00	00:49:00	5D37	00:07:00
OC-109	OLDOXRD	01:01:00			

Diagram OC-110

Traction: 345



Diagram	Location	Arr	Dep	ID	T/A
OC-110	PLUMSDG			05:07:30 5B09	
OC-110	ABWD	05:17:00		05:24:00 2B09	00:07:00
OC-110	WSTBRNP	05:54:30		05:54:30 2B09	00:00:00
OC-110	MDNHEAD	06:30:00		06:45:00 2B16	00:15:00
OC-110	WSTBRNP	07:19:00		07:19:00 2B16	00:00:00
OC-110	ABWD	07:50:00		08:04:00 2T15	00:14:00
OC-110	PADTONX	08:31:30		08:32:30 5T15	00:01:00
OC-110	WSTBRNP	08:34:30		08:40:30 5W48	00:06:00
OC-110	PADTONX	08:42:30		08:43:30 2W48	00:01:00
OC-110	ILFORD	09:10:00		09:10:30 2W48	00:00:30
OC-110	SHENFLD	09:35:00		09:47:00 2B25	00:12:00
OC-110	WSTBRNP	10:39:30		10:39:30 2B25	00:00:00
OC-110	MDNHEAD	11:12:00		11:27:30 2B36	00:15:30
OC-110	WSTBRNP	12:04:00		12:04:00 2B36	00:00:00
OC-110	ILFORD	12:32:30		12:33:00 2B36	00:00:30
OC-110	SHENFLD	12:57:30		13:09:30 2W71	00:12:00
OC-110	PADTONX	14:00:00		14:01:00 5D71	00:01:00
OC-110	WSTBRNP	14:02:00		14:02:00 5D71	00:00:00
OC-110	OLDOXRB	14:07:00		14:07:00 5D71	00:00:00
OC-110	OLDOXRW	14:15:00		14:15:00 5D71	00:00:00
OC-110	OLDOXRD	14:18:00		14:56:00 5T66	00:38:00
OC-110	OLDOXRW	14:59:00		14:59:00 5T66	00:00:00
OC-110	OLDOXRB	15:03:30		15:03:30 5T66	00:00:00
OC-110	WSTBRNP	15:07:30		15:07:30 5T66	00:00:00
OC-110	PADTONX	15:08:30		15:09:30 2T66	00:01:00
OC-110	ABWD	15:39:30		15:51:30 2T75	00:12:00
OC-110	PADTONX	16:19:00		16:20:00 5T75	00:01:00
OC-110	WSTBRNP	16:22:00		16:40:30 5W98	00:18:30
OC-110	PADTONX	16:42:30		16:43:30 2W98	00:01:00
OC-110	ILFORD	17:10:00		17:10:30 2W98	00:00:30
OC-110	SHENFLD	17:33:00		17:47:00 2B91	00:14:00
OC-110	WSTBRNP	18:39:30		18:39:30 2B91	00:00:00
OC-110	MDNHEAD	19:12:00		19:27:30 2B00	00:15:30
OC-110	WSTBRNP	20:04:00		20:04:00 2B00	00:00:00
OC-110	ILFORD	20:32:30		20:33:00 2B00	00:00:30
OC-110	SHENFLD	20:57:30		21:09:30 2P04	00:12:00
OC-110	PADTONX	22:00:00		22:01:00 5D04	00:01:00
OC-110	WSTBRNP	22:02:00		22:02:00 5D04	00:00:00
OC-110	OLDOXRB	22:06:30		22:06:30 5D04	00:00:00
OC-110	OLDOXRW	22:14:30		22:14:30 5D04	00:00:00
OC-110	OLDOXRD	22:17:30			

Diagram OC-111

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-111	OLDOXRD			05:07:30 5A09	

OC-111	OLDOXRW	05:10:30	05:10:30	5A09	00:00:00
OC-111	OLDOXRB	05:15:00	05:15:00	5A09	00:00:00
OC-111	PADTON	05:20:00	05:27:00	2A09	00:07:00
OC-111	HTRWTM4	05:55:00	06:17:00	2A16	00:22:00
OC-111	WSTBRNP	06:45:00	06:45:00	2A16	00:00:00
OC-111	ILFORD	07:13:30	07:14:00	2A16	00:00:30
OC-111	SHENFLD	07:36:30	07:46:00	2B23	00:09:30
OC-111	WSTBRNP	08:38:30	08:38:30	2B23	00:00:00
OC-111	MDNHEAD	09:11:00	09:27:30	2B20	00:16:30
OC-111	WSTBRNP	10:04:00	10:04:00	2B20	00:00:00
OC-111	ILFORD	10:32:30	10:33:00	2B20	00:00:30
OC-111	SHENFLD	10:55:30	11:09:30	2W55	00:14:00
OC-111	PADTONX	12:00:00	12:01:00	5D55	00:01:00
OC-111	WSTBRNP	12:02:00	12:02:00	5D55	00:00:00
OC-111	OLDOXRB	12:07:00	12:07:00	5D55	00:00:00
OC-111	OLDOXRW	12:15:00	12:15:00	5D55	00:00:00
OC-111	OLDOXRD	12:18:00	12:56:00	5T50	00:38:00
OC-111	OLDOXRW	12:59:00	12:59:00	5T50	00:00:00
OC-111	OLDOXRB	13:03:30	13:03:30	5T50	00:00:00
OC-111	WSTBRNP	13:07:30	13:07:30	5T50	00:00:00
OC-111	PADTONX	13:08:30	13:09:30	2T50	00:01:00
OC-111	ABWD	13:39:30	13:51:30	2T59	00:12:00
OC-111	PADTONX	14:19:00	14:20:00	5T59	00:01:00
OC-111	WSTBRNP	14:22:00	14:40:30	5W78	00:18:30
OC-111	PADTONX	14:42:30	14:43:30	2W78	00:01:00
OC-111	ILFORD	15:10:00	15:10:30	2W78	00:00:30
OC-111	SHENFLD	15:35:00	15:47:00	2B75	00:12:00
OC-111	WSTBRNP	16:39:30	16:39:30	2B75	00:00:00
OC-111	MDNHEAD	17:12:00	17:27:30	2B84	00:15:30
OC-111	WSTBRNP	18:04:00	18:04:00	2B84	00:00:00
OC-111	ILFORD	18:32:30	18:33:00	2B84	00:00:30
OC-111	SHENFLD	18:57:30	19:09:30	2W49	00:12:00
OC-111	PADTONX	20:00:00	20:01:00	5D49	00:01:00
OC-111	WSTBRNP	20:02:00	20:02:00	5D49	00:00:00
OC-111	OLDOXRB	20:07:00	20:07:00	5D49	00:00:00
OC-111	OLDOXRW	20:15:00	20:15:00	5D49	00:00:00
OC-111	OLDOXRD	20:18:00	20:56:00	5T20	00:38:00
OC-111	OLDOXRW	20:59:00	20:59:00	5T20	00:00:00
OC-111	OLDOXRB	21:03:30	21:03:30	5T20	00:00:00
OC-111	WSTBRNP	21:07:30	21:07:30	5T20	00:00:00
OC-111	PADTONX	21:08:30	21:09:30	2T20	00:01:00
OC-111	ABWD	21:37:30	21:47:00	5T20	00:09:30
OC-111	PLUMSDG	21:56:00			

Diagram OC-112

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
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OC-112	MDNHDRS			05:12:00 5B04	
OC-112	MDNHEAD	05:14:00		05:15:00 2B04	00:01:00
OC-112	WSTBRNP	05:49:00		05:49:00 2B04	00:00:00
OC-112	ABWD	06:20:00		06:34:00 2T07	00:14:00
OC-112	PADTONX	07:01:30		07:02:30 5T07	00:01:00
OC-112	WSTBRNP	07:04:30		07:24:00 5W20	00:19:30
OC-112	PADTONX	07:26:00		07:27:00 2W20	00:01:00
OC-112	ILFORD	07:53:30		07:54:00 2W20	00:00:30
OC-112	SHENFLD	08:16:30		08:24:30 2W53	00:08:00
OC-112	PADTONX	09:15:00		09:16:00 5W53	00:01:00
OC-112	WSTBRNP	09:18:00		09:25:30 5W62	00:07:30
OC-112	PADTONX	09:27:30		09:28:30 2W62	00:01:00
OC-112	ILFORD	09:55:00		09:55:30 2W62	00:00:30
OC-112	SHENFLD	10:20:00		10:32:00 2B31	00:12:00
OC-112	WSTBRNP	11:24:30		11:24:30 2B31	00:00:00
OC-112	MDNHEAD	12:00:00		12:15:00 2B42	00:15:00
OC-112	WSTBRNP	12:49:00		12:49:00 2B42	00:00:00
OC-112	ILFORD	13:17:30		13:18:00 2B42	00:00:30
OC-112	SHENFLD	13:42:30		13:54:30 2W77	00:12:00
OC-112	PADTONX	14:45:00		14:46:00 5W77	00:01:00
OC-112	WSTBRNP	14:48:00		14:55:30 5W80	00:07:30
OC-112	PADTONX	14:57:30		14:58:30 2W80	00:01:00
OC-112	ILFORD	15:25:00		15:25:30 2W80	00:00:30
OC-112	SHENFLD	15:49:30		16:02:00 2B77	00:12:30
OC-112	WSTBRNP	16:54:30		16:54:30 2B77	00:00:00
OC-112	MDNHEAD	17:30:00		17:45:00 2B86	00:15:00
OC-112	WSTBRNP	18:19:00		18:19:00 2B86	00:00:00
OC-112	ILFORD	18:48:00		18:48:30 2B86	00:00:30
OC-112	SHENFLD	19:12:30		19:24:30 2W51	00:12:00
OC-112	PADTONX	20:15:00		20:16:00 5W51	00:01:00
OC-112	WSTBRNP	20:18:00		20:25:30 5W54	00:07:30
OC-112	PADTONX	20:27:30		20:28:30 2W54	00:01:00
OC-112	ILFORD	20:55:00		20:55:30 2W54	00:00:30
OC-112	SHENFLD	21:20:00		21:21:00 5B02	00:01:00
OC-112	SHENFDS	21:23:00		21:30:00 5B02	00:07:00
OC-112	ILFEMUD	22:01:00			

## Diagram OC-113

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-113	GIDEPKS			05:15:30 5B15	
OC-113	SHENFLD	05:25:00		05:36:00 2A15	00:11:00
OC-113	WSTBRNP	06:28:30		06:28:30 2A15	00:00:00
OC-113	HTRWTM4	06:55:00		07:17:00 2A24	00:22:00
OC-113	WSTBRNP	07:45:00		07:45:00 2A24	00:00:00
OC-113	ILFORD	08:13:30		08:14:00 2A24	00:00:30
OC-113	SHENFLD	08:36:30		08:47:00 2B29	00:10:30

OC-113	WSTBRNP	09:39:30	09:39:30 2B29	00:00:00
OC-113	MDNHEAD	10:12:00	10:27:30 2B28	00:15:30
OC-113	WSTBRNP	11:04:00	11:04:00 2B28	00:00:00
OC-113	ILFORD	11:32:30	11:33:00 2B28	00:00:30
OC-113	SHENFLD	11:57:30	12:09:30 2W63	00:12:00
OC-113	PADTONX	13:00:00	13:01:00 5D63	00:01:00
OC-113	WSTBRNP	13:02:00	13:02:00 5D63	00:00:00
OC-113	OLDOXRB	13:08:00	13:08:00 5D63	00:00:00
OC-113	OLDOXRW	13:16:00	13:16:00 5D63	00:00:00
OC-113	OLDOXRD	13:19:00	13:56:00 5T58	00:37:00
OC-113	OLDOXRW	13:59:00	13:59:00 5T58	00:00:00
OC-113	OLDOXRB	14:03:30	14:03:30 5T58	00:00:00
OC-113	WSTBRNP	14:07:30	14:07:30 5T58	00:00:00
OC-113	PADTONX	14:08:30	14:09:30 2T58	00:01:00
OC-113	ABWD	14:39:30	14:51:30 2T67	00:12:00
OC-113	PADTONX	15:19:00	15:20:00 5T67	00:01:00
OC-113	WSTBRNP	15:22:00	15:40:30 5W86	00:18:30
OC-113	PADTONX	15:42:30	15:43:30 2W86	00:01:00
OC-113	ILFORD	16:10:00	16:10:30 2W86	00:00:30
OC-113	SHENFLD	16:35:00	16:47:00 2B83	00:12:00
OC-113	WSTBRNP	17:39:30	17:39:30 2B83	00:00:00
OC-113	MDNHEAD	18:12:00	18:27:30 2B92	00:15:30
OC-113	WSTBRNP	19:04:00	19:04:00 2B92	00:00:00
OC-113	ILFORD	19:32:30	19:33:00 2B92	00:00:30
OC-113	SHENFLD	19:57:30	20:09:30 2W57	00:12:00
OC-113	PADTONX	21:00:00	21:01:00 5D57	00:01:00
OC-113	WSTBRNP	21:02:00	21:02:00 5D57	00:00:00
OC-113	OLDOXRB	21:07:00	21:07:00 5D57	00:00:00
OC-113	OLDOXRW	21:15:00	21:15:00 5D57	00:00:00
OC-113	OLDOXRD	21:18:00		

Diagram OC-114			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-114	PLUMSDG			05:17:30 5T03	
OC-114	ABWD	05:27:00		05:34:00 2T03	00:07:00
OC-114	PADTONX	06:01:30		06:02:30 5T03	00:01:00
OC-114	WSTBRNP	06:04:30		06:24:00 5W10	00:19:30
OC-114	PADTONX	06:26:00		06:27:00 2W10	00:01:00
OC-114	ILFORD	06:53:30		06:54:00 2W10	00:00:30
OC-114	SHENFLD	07:16:30		07:26:00 2W31	00:09:30
OC-114	PADTONX	08:16:30		08:17:30 5W31	00:01:00
OC-114	WSTBRNP	08:19:30		08:36:30 5T28	00:17:00
OC-114	PADTONX	08:38:30		08:39:30 2T28	00:01:00
OC-114	ABWD	09:09:30		09:21:30 2T37	00:12:00
OC-114	PADTONX	09:49:00		09:51:00 5T37	00:02:00
OC-114	WSTBRNP	09:53:00		10:10:30 5W42	00:17:30

OC-114	PADTONX	10:12:30	10:13:30 2W42	00:01:00
OC-114	ILFORD	10:40:00	10:40:30 2W42	00:00:30
OC-114	SHENFLD	11:05:00	11:17:00 2B37	00:12:00
OC-114	WSTBRNP	12:09:30	12:09:30 2B37	00:00:00
OC-114	MDNHEAD	12:42:00	12:57:30 2B48	00:15:30
OC-114	WSTBRNP	13:34:00	13:34:00 2B48	00:00:00
OC-114	ILFORD	14:02:30	14:03:00 2B48	00:00:30
OC-114	SHENFLD	14:27:30	14:39:30 2W83	00:12:00
OC-114	PADTONX	15:30:00	15:31:00 5D83	00:01:00
OC-114	WSTBRNP	15:32:00	15:32:00 5D83	00:00:00
OC-114	OLDOXRB	15:37:00	15:37:00 5D83	00:00:00
OC-114	OLDOXRW	15:45:00	15:45:00 5D83	00:00:00
OC-114	OLDOXRD	15:48:00	16:25:00 5T80	00:37:00
OC-114	OLDOXRW	16:28:00	16:28:00 5T80	00:00:00
OC-114	OLDOXRB	16:32:30	16:32:30 5T80	00:00:00
OC-114	WSTBRNP	16:36:30	16:36:30 5T80	00:00:00
OC-114	PADTONX	16:37:30	16:39:30 2T80	00:02:00
OC-114	ABWD	17:09:30	17:21:30 2T87	00:12:00
OC-114	PADTONX	17:49:00	17:50:00 5T87	00:01:00
OC-114	WSTBRNP	17:52:00	18:10:30 5W34	00:18:30
OC-114	PADTONX	18:12:30	18:13:30 2W34	00:01:00
OC-114	ILFORD	18:40:00	18:40:30 2W34	00:00:30
OC-114	SHENFLD	19:05:00	19:17:00 2B03	00:12:00
OC-114	WSTBRNP	20:09:30	20:09:30 2B03	00:00:00
OC-114	MDNHEAD	20:42:00	20:57:30 2B12	00:15:30
OC-114	WSTBRNP	21:34:00	21:34:00 2B12	00:00:00
OC-114	ILFORD	22:02:30	22:03:00 2B12	00:00:30
OC-114	SHENFLD	22:29:00	22:30:00 5B12	00:01:00
OC-114	SHENFDS	22:32:00		

## Diagram OC-115

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-115	ILFEMUD			05:20:00 5W04	
OC-115	LIVST	05:37:00	05:46:00	2W04	00:09:00
OC-115	ILFORD	06:01:30	06:02:00	2W04	00:00:30
OC-115	SHENFLD	06:24:30	06:36:00	2A25	00:11:30
OC-115	WSTBRNP	07:28:30	07:28:30	2A25	00:00:00
OC-115	HTRWTM4	07:55:00	08:17:00	2A32	00:22:00
OC-115	WSTBRNP	08:45:00	08:45:00	2A32	00:00:00
OC-115	ABWD	09:17:00	09:29:00	2A43	00:12:00
OC-115	WSTBRNP	09:58:30	09:58:30	2A43	00:00:00
OC-115	HTRWTM4	10:25:00	10:47:00	2A40	00:22:00
OC-115	WSTBRNP	11:15:00	11:15:00	2A40	00:00:00
OC-115	ABWD	11:47:00	11:59:00	2A49	00:12:00
OC-115	WSTBRNP	12:28:30	12:28:30	2A49	00:00:00
OC-115	HTRWTM4	12:55:00	13:17:00	2A60	00:22:00

OC-115	WSTBRNP	13:45:00	13:45:00 2A60	00:00:00
OC-115	ABWD	14:17:00	14:29:00 2A69	00:12:00
OC-115	WSTBRNP	14:58:30	14:58:30 2A69	00:00:00
OC-115	HTRWTM4	15:25:00	15:47:00 2A80	00:22:00
OC-115	WSTBRNP	16:15:00	16:15:00 2A80	00:00:00
OC-115	ABWD	16:47:00	16:59:00 2A89	00:12:00
OC-115	WSTBRNP	17:28:30	17:28:30 2A89	00:00:00
OC-115	HTRWTM4	17:55:00	18:17:00 2A00	00:22:00
OC-115	WSTBRNP	18:45:00	18:45:00 2A00	00:00:00
OC-115	ABWD	19:17:00	19:29:00 2A09	00:12:00
OC-115	WSTBRNP	19:58:30	19:58:30 2A09	00:00:00
OC-115	HTRWTM4	20:25:00	20:47:00 2A20	00:22:00
OC-115	WSTBRNP	21:15:00	21:15:00 2A20	00:00:00
OC-115	ABWD	21:45:00	21:54:00 2B21	00:09:00
OC-115	WSTBRNP	22:24:30	22:24:30 2B21	00:00:00
OC-115	MDNHEAD	23:00:00	23:15:00 2B30	00:15:00
OC-115	WSTBRNP	23:49:00	23:49:00 2B30	00:00:00
OC-115	ABWD	00:20:00	00:27:00 5B30	00:07:00
OC-115	PLUMSDG	00:36:00		

Diagram OC-116 Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-116	MDNHDRS			05:24:30 5B06	
OC-116	MDNHEAD	05:26:30	05:27:30	2B06	00:01:00
OC-116	WSTBRNP	06:04:00	06:04:00	2B06	00:00:00
OC-116	ILFORD	06:33:30	06:34:00	2B06	00:00:30
OC-116	SHENFLD	06:56:30	07:06:00	2A27	00:09:30
OC-116	WSTBRNP	07:58:30	07:58:30	2A27	00:00:00
OC-116	HTRWTM4	08:25:00	08:47:00	2A36	00:22:00
OC-116	WSTBRNP	09:15:00	09:15:00	2A36	00:00:00
OC-116	ABWD	09:47:00	09:59:00	2A33	00:12:00
OC-116	WSTBRNP	10:28:30	10:28:30	2A33	00:00:00
OC-116	HTRWTM4	10:55:00	11:17:00	2A44	00:22:00
OC-116	WSTBRNP	11:45:00	11:45:00	2A44	00:00:00
OC-116	ABWD	12:17:00	12:29:00	2A53	00:12:00
OC-116	WSTBRNP	12:58:30	12:58:30	2A53	00:00:00
OC-116	HTRWTM4	13:25:00	13:47:00	2A64	00:22:00
OC-116	WSTBRNP	14:15:00	14:15:00	2A64	00:00:00
OC-116	ABWD	14:47:00	14:59:00	2A73	00:12:00
OC-116	WSTBRNP	15:28:30	15:28:30	2A73	00:00:00
OC-116	HTRWTM4	15:55:00	16:17:00	2A84	00:22:00
OC-116	WSTBRNP	16:45:00	16:45:00	2A84	00:00:00
OC-116	ABWD	17:17:00	17:29:00	2A93	00:12:00
OC-116	WSTBRNP	17:58:30	17:58:30	2A93	00:00:00
OC-116	HTRWTM4	18:25:00	18:47:00	2A04	00:22:00
OC-116	WSTBRNP	19:15:00	19:15:00	2A04	00:00:00

OC-116	ABWD	19:47:00	19:59:00	2A13	00:12:00
OC-116	WSTBRNP	20:28:30	20:28:30	2A13	00:00:00
OC-116	HTRWTM4	20:55:00	21:17:00	2A24	00:22:00
OC-116	WSTBRNP	21:45:00	21:45:00	2A24	00:00:00
OC-116	ABWD	22:15:00	22:24:00	2B25	00:09:00
OC-116	WSTBRNP	22:54:30	22:54:30	2B25	00:00:00
OC-116	MDNHEAD	23:30:00	23:45:00	2B34	00:15:00
OC-116	WSTBRNP	00:19:00	00:19:00	2B34	00:00:00
OC-116	ABWD	00:50:00	00:57:00	5B34	00:07:00
OC-116	PLUMSDG	01:06:00			

Diagram OC-117

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-117	OLDOXR			05:22:30 5A11	
OC-117	OLDOXRW	05:25:30	05:25:30	5A11	00:00:00
OC-117	OLDOXRB	05:30:00	05:30:00	5A11	00:00:00
OC-117	PADTON	05:35:00	05:42:00	2A11	00:07:00
OC-117	HTRWTM4	06:10:00	06:32:00	2A18	00:22:00
OC-117	WSTBRNP	07:00:00	07:00:00	2A18	00:00:00
OC-117	ABWD	07:30:00	07:44:00	2A31	00:14:00
OC-117	WSTBRNP	08:13:30	08:13:30	2A31	00:00:00
OC-117	HTRWTM4	08:40:00	09:02:00	2A38	00:22:00
OC-117	WSTBRNP	09:30:00	09:30:00	2A38	00:00:00
OC-117	ABWD	10:02:00	10:14:00	2A35	00:12:00
OC-117	WSTBRNP	10:43:30	10:43:30	2A35	00:00:00
OC-117	HTRWTM4	11:10:00	11:32:00	2A46	00:22:00
OC-117	WSTBRNP	12:00:00	12:00:00	2A46	00:00:00
OC-117	ABWD	12:32:00	12:44:00	2A55	00:12:00
OC-117	WSTBRNP	13:13:30	13:13:30	2A55	00:00:00
OC-117	HTRWTM4	13:40:00	14:02:00	2A66	00:22:00
OC-117	WSTBRNP	14:30:00	14:30:00	2A66	00:00:00
OC-117	ABWD	15:02:00	15:14:00	2A75	00:12:00
OC-117	WSTBRNP	15:43:30	15:43:30	2A75	00:00:00
OC-117	HTRWTM4	16:10:00	16:32:00	2A86	00:22:00
OC-117	WSTBRNP	17:00:00	17:00:00	2A86	00:00:00
OC-117	ABWD	17:32:00	17:44:00	2A95	00:12:00
OC-117	WSTBRNP	18:13:30	18:13:30	2A95	00:00:00
OC-117	HTRWTM4	18:40:00	19:02:00	2A06	00:22:00
OC-117	WSTBRNP	19:30:00	19:30:00	2A06	00:00:00
OC-117	ABWD	20:02:00	20:14:00	2A15	00:12:00
OC-117	WSTBRNP	20:43:30	20:43:30	2A15	00:00:00
OC-117	HTRWTM4	21:10:00	21:32:00	2A26	00:22:00
OC-117	WSTBRNP	22:00:00	22:00:00	2A26	00:00:00
OC-117	ABWD	22:30:00	22:44:00	2A35	00:14:00
OC-117	WSTBRNP	23:13:30	23:13:30	2A35	00:00:00
OC-117	HTRWTM4	23:40:00	00:02:00	2A46	00:22:00



OC-117	PADTON	00:31:30	00:41:00 5D46	00:09:30
OC-117	OLDOXRB	00:47:00	00:47:00 5D46	00:00:00
OC-117	OLDOXRW	00:55:00	00:55:00 5D46	00:00:00
OC-117	OLDOXRD	00:58:00		

Diagram OC-118		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-118	PLUMSDG			05:27:30 5A15	
OC-118	ABWD	05:37:00		05:44:00 2A15	00:07:00
OC-118	WSTBRNP	06:13:30		06:13:30 2A15	00:00:00
OC-118	HTRWTM4	06:40:00		07:02:00 2A22	00:22:00
OC-118	WSTBRNP	07:30:00		07:30:00 2A22	00:00:00
OC-118	ABWD	08:00:00		08:14:00 2A35	00:14:00
OC-118	WSTBRNP	08:43:30		08:43:30 2A35	00:00:00
OC-118	HTRWTM4	09:10:00		09:32:00 2A30	00:22:00
OC-118	WSTBRNP	10:00:00		10:00:00 2A30	00:00:00
OC-118	ABWD	10:32:00		10:44:00 2A39	00:12:00
OC-118	WSTBRNP	11:13:30		11:13:30 2A39	00:00:00
OC-118	HTRWTM4	11:40:00		12:02:00 2A50	00:22:00
OC-118	WSTBRNP	12:30:00		12:30:00 2A50	00:00:00
OC-118	ABWD	13:02:00		13:14:00 2A59	00:12:00
OC-118	WSTBRNP	13:43:30		13:43:30 2A59	00:00:00
OC-118	HTRWTM4	14:10:00		14:32:00 2A70	00:22:00
OC-118	WSTBRNP	15:00:00		15:00:00 2A70	00:00:00
OC-118	ABWD	15:32:00		15:44:00 2A79	00:12:00
OC-118	WSTBRNP	16:13:30		16:13:30 2A79	00:00:00
OC-118	HTRWTM4	16:40:00		17:02:00 2A90	00:22:00
OC-118	WSTBRNP	17:30:00		17:30:00 2A90	00:00:00
OC-118	ABWD	18:02:00		18:14:00 2A99	00:12:00
OC-118	WSTBRNP	18:43:30		18:43:30 2A99	00:00:00
OC-118	HTRWTM4	19:10:00		19:32:00 2A10	00:22:00
OC-118	WSTBRNP	20:00:00		20:00:00 2A10	00:00:00
OC-118	ABWD	20:32:00		20:44:00 2A19	00:12:00
OC-118	WSTBRNP	21:13:30		21:13:30 2A19	00:00:00
OC-118	HTRWTM4	21:40:00		22:02:00 2A30	00:22:00
OC-118	WSTBRNP	22:30:00		22:30:00 2A30	00:00:00
OC-118	ABWD	23:00:00		23:14:00 2A39	00:14:00
OC-118	WSTBRNP	23:43:30		23:43:30 2A39	00:00:00
OC-118	HAYESAH	23:59:30		00:07:00 5D39	00:07:30
OC-118	OLDOECL	00:21:30		00:28:30 5D39	00:07:00
OC-118	OLDOXRD	00:37:30			

Diagram OC-119		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-119	OLDOXRD			05:28:30 5T02	
OC-119	OLDOXRW	05:31:30		05:31:30 5T02	00:00:00

OC-119	OLDOXRB	05:36:00	05:36:00	5T02	00:00:00
OC-119	WSTBRNP	05:40:00	05:40:00	5T02	00:00:00
OC-119	PADTONX	05:41:00	05:42:00	2T02	00:01:00
OC-119	ABWD	06:10:00	06:24:00	2B13	00:14:00
OC-119	WSTBRNP	06:54:30	06:54:30	2B13	00:00:00
OC-119	MDNHEAD	07:30:00	07:45:00	2B24	00:15:00
OC-119	WSTBRNP	08:19:00	08:19:00	2B24	00:00:00
OC-119	ABWD	08:50:00	08:59:00	2A25	00:09:00
OC-119	WSTBRNP	09:28:30	09:28:30	2A25	00:00:00
OC-119	HTRWTM4	09:55:00	10:17:00	2A36	00:22:00
OC-119	WSTBRNP	10:45:00	10:45:00	2A36	00:00:00
OC-119	ABWD	11:17:00	11:29:00	2A45	00:12:00
OC-119	WSTBRNP	11:58:30	11:58:30	2A45	00:00:00
OC-119	HTRWTM4	12:25:00	12:47:00	2A56	00:22:00
OC-119	WSTBRNP	13:15:00	13:15:00	2A56	00:00:00
OC-119	ABWD	13:47:00	13:59:00	2A65	00:12:00
OC-119	WSTBRNP	14:28:30	14:28:30	2A65	00:00:00
OC-119	HTRWTM4	14:55:00	15:17:00	2A76	00:22:00
OC-119	WSTBRNP	15:45:00	15:45:00	2A76	00:00:00
OC-119	ABWD	16:17:00	16:29:00	2A85	00:12:00
OC-119	WSTBRNP	16:58:30	16:58:30	2A85	00:00:00
OC-119	HTRWTM4	17:25:00	17:47:00	2A96	00:22:00
OC-119	WSTBRNP	18:15:00	18:15:00	2A96	00:00:00
OC-119	ABWD	18:47:00	18:59:00	2A05	00:12:00
OC-119	WSTBRNP	19:28:30	19:28:30	2A05	00:00:00
OC-119	HTRWTM4	19:55:00	20:17:00	2A16	00:22:00
OC-119	WSTBRNP	20:45:00	20:45:00	2A16	00:00:00
OC-119	ABWD	21:17:00	21:29:00	2A25	00:12:00
OC-119	WSTBRNP	21:58:30	21:58:30	2A25	00:00:00
OC-119	HTRWTM4	22:25:00	22:47:00	2A36	00:22:00
OC-119	WSTBRNP	23:15:00	23:15:00	2A36	00:00:00
OC-119	ILFORD	23:43:30	23:44:00	2A36	00:00:30
OC-119	SHENFLD	00:06:30	00:13:30	5V36	00:07:00
OC-119	ILFEMUD	00:38:30			

Diagram OC-120

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-120	PLUMSDG			05:37:30 5A11	
OC-120	ABWD	05:47:00		05:54:00 2B11	00:07:00
OC-120	WSTBRNP	06:24:30		06:24:30 2B11	00:00:00
OC-120	MDNHEAD	07:00:00		07:15:00 2B20	00:15:00
OC-120	WSTBRNP	07:49:00		07:49:00 2B20	00:00:00
OC-120	ABWD	08:20:00		08:34:00 2T29	00:14:00
OC-120	PADTONX	09:01:30		09:02:30 5T29	00:01:00
OC-120	WSTBRNP	09:04:30		09:10:30 5W60	00:06:00
OC-120	PADTONX	09:12:30		09:13:30 2W60	00:01:00

OC-120	ILFORD	09:40:00	09:40:30 2W60	00:00:30
OC-120	SHENFLD	10:05:00	10:17:00 2B29	00:12:00
OC-120	WSTBRNP	11:09:30	11:09:30 2B29	00:00:00
OC-120	MDNHEAD	11:42:00	11:57:30 2B40	00:15:30
OC-120	WSTBRNP	12:34:00	12:34:00 2B40	00:00:00
OC-120	ILFORD	13:02:30	13:03:00 2B40	00:00:30
OC-120	SHENFLD	13:27:30	13:39:30 2W75	00:12:00
OC-120	PADTONX	14:30:00	14:31:00 5D75	00:01:00
OC-120	WSTBRNP	14:32:00	14:32:00 5D75	00:00:00
OC-120	OLDOXRB	14:38:00	14:38:00 5D75	00:00:00
OC-120	OLDOXRW	14:46:00	14:46:00 5D75	00:00:00
OC-120	OLDOXRD	14:49:00	15:26:00 5T70	00:37:00
OC-120	OLDOXRW	15:29:00	15:29:00 5T70	00:00:00
OC-120	OLDOXRB	15:33:30	15:33:30 5T70	00:00:00
OC-120	WSTBRNP	15:37:30	15:37:30 5T70	00:00:00
OC-120	PADTONX	15:38:30	15:39:30 2T70	00:01:00
OC-120	ABWD	16:09:30	16:21:30 2T79	00:12:00
OC-120	PADTONX	16:49:00	16:50:00 5T79	00:01:00
OC-120	WSTBRNP	16:52:00	17:10:30 5W10	00:18:30
OC-120	PADTONX	17:12:30	17:13:30 2W10	00:01:00
OC-120	ILFORD	17:40:00	17:40:30 2W10	00:00:30
OC-120	SHENFLD	18:05:00	18:17:00 2B95	00:12:00
OC-120	WSTBRNP	19:09:30	19:09:30 2B95	00:00:00
OC-120	MDNHEAD	19:42:00	19:57:30 2B04	00:15:30
OC-120	WSTBRNP	20:34:00	20:34:00 2B04	00:00:00
OC-120	ILFORD	21:02:30	21:03:00 2B04	00:00:30
OC-120	SHENFLD	21:25:30	21:36:00 2A29	00:10:30
OC-120	WSTBRNP	22:28:30	22:28:30 2A29	00:00:00
OC-120	HTRWTM4	22:55:00	23:17:00 2A40	00:22:00
OC-120	WSTBRNP	23:45:00	23:45:00 2A40	00:00:00
OC-120	ILFORD	00:13:30	00:14:00 2A40	00:00:30
OC-120	SHENFLD	00:36:30	00:43:30 5A40	00:07:00
OC-120	ILFEMUD	01:08:30		

## Diagram OC-121

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-121	ILFEMUD			05:29:30 5W07	
OC-121	SHENFLD	05:48:00	05:56:00	2W07	00:08:00
OC-121	PADTONX	06:46:30	06:47:30	5W07	00:01:00
OC-121	WSTBRNP	06:49:30	07:09:00	5T14	00:19:30
OC-121	PADTONX	07:11:00	07:12:00	2T14	00:01:00
OC-121	ABWD	07:40:00	07:54:00	2B29	00:14:00
OC-121	WSTBRNP	08:24:30	08:24:30	2B29	00:00:00
OC-121	MDNHEAD	09:00:00	09:15:00	2B36	00:15:00
OC-121	WSTBRNP	09:49:00	09:49:00	2B36	00:00:00
OC-121	ILFORD	10:17:30	10:18:00	2B36	00:00:30

OC-121	SHENFLD	10:42:30	10:54:30 2W53	00:12:00
OC-121	PADTONX	11:45:00	11:46:00 5W53	00:01:00
OC-121	WSTBRNP	11:48:00	11:55:30 5W56	00:07:30
OC-121	PADTONX	11:57:30	11:58:30 2W56	00:01:00
OC-121	ILFORD	12:25:00	12:25:30 2W56	00:00:30
OC-121	SHENFLD	12:50:00	13:02:00 2B51	00:12:00
OC-121	WSTBRNP	13:54:30	13:54:30 2B51	00:00:00
OC-121	MDNHEAD	14:30:00	14:45:00 2B62	00:15:00
OC-121	WSTBRNP	15:19:00	15:19:00 2B62	00:00:00
OC-121	ILFORD	15:47:30	15:48:00 2B62	00:00:30
OC-121	SHENFLD	16:12:30	16:24:30 2W07	00:12:00
OC-121	PADTONX	17:15:00	17:16:00 5W07	00:01:00
OC-121	WSTBRNP	17:18:00	17:25:30 5W16	00:07:30
OC-121	PADTONX	17:27:30	17:28:30 2W16	00:01:00
OC-121	ILFORD	17:55:00	17:55:30 2W16	00:00:30
OC-121	SHENFLD	18:20:00	18:32:00 2B97	00:12:00
OC-121	WSTBRNP	19:24:30	19:24:30 2B97	00:00:00
OC-121	MDNHEAD	20:00:00	20:15:00 2B06	00:15:00
OC-121	WSTBRNP	20:49:00	20:49:00 2B06	00:00:00
OC-121	ILFORD	21:17:30	21:18:00 2B06	00:00:30
OC-121	SHENFLD	21:40:30	21:41:30 5B06	00:01:00
OC-121	SHENFDS	21:43:30		

Diagram OC-122			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-122	ILFEMUD			05:40:30 5A17	
OC-122	SHENFLD	05:59:00		06:06:00 2A17	00:07:00
OC-122	WSTBRNP	06:58:30		06:58:30 2A17	00:00:00
OC-122	HTRWTM4	07:25:00		07:47:00 2A28	00:22:00
OC-122	WSTBRNP	08:15:00		08:15:00 2A28	00:00:00
OC-122	ILFORD	08:43:30		08:44:00 2A28	00:00:30
OC-122	SHENFLD	09:06:30		09:17:00 2B21	00:10:30
OC-122	WSTBRNP	10:09:30		10:09:30 2B21	00:00:00
OC-122	MDNHEAD	10:42:00		10:57:30 2B32	00:15:30
OC-122	WSTBRNP	11:34:00		11:34:00 2B32	00:00:00
OC-122	ILFORD	12:02:30		12:03:00 2B32	00:00:30
OC-122	SHENFLD	12:27:30		12:39:30 2W67	00:12:00
OC-122	PADTONX	13:30:00		13:31:00 5D67	00:01:00
OC-122	WSTBRNP	13:32:00		13:32:00 5D67	00:00:00
OC-122	OLDOXRB	13:37:00		13:37:00 5D67	00:00:00
OC-122	OLDOXRW	13:45:00		13:45:00 5D67	00:00:00
OC-122	OLDOXRD	13:48:00		14:26:00 5T62	00:38:00
OC-122	OLDOXRW	14:29:00		14:29:00 5T62	00:00:00
OC-122	OLDOXRB	14:33:30		14:33:30 5T62	00:00:00
OC-122	WSTBRNP	14:37:30		14:37:30 5T62	00:00:00
OC-122	PADTONX	14:38:30		14:39:30 2T62	00:01:00

OC-122	ABWD	15:09:30	15:21:30	2T71	00:12:00
OC-122	PADTONX	15:49:00	15:50:00	5T71	00:01:00
OC-122	WSTBRNP	15:52:00	16:10:30	5W92	00:18:30
OC-122	PADTONX	16:12:30	16:13:30	2W92	00:01:00
OC-122	ILFORD	16:40:00	16:40:30	2W92	00:00:30
OC-122	SHENFLD	17:05:30	17:17:00	2B87	00:11:30
OC-122	WSTBRNP	18:09:30	18:09:30	2B87	00:00:00
OC-122	MDNHEAD	18:42:00	18:57:30	2B96	00:15:30
OC-122	WSTBRNP	19:34:00	19:34:00	2B96	00:00:00
OC-122	ILFORD	20:02:30	20:03:00	2B96	00:00:30
OC-122	SHENFLD	20:27:30	20:39:30	2W61	00:12:00
OC-122	PADTONX	21:30:00	21:31:00	5D61	00:01:00
OC-122	WSTBRNP	21:32:00	21:32:00	5D61	00:00:00
OC-122	OLDOXRB	21:36:30	21:36:30	5D61	00:00:00
OC-122	OLDOXRW	21:44:30	21:44:30	5D61	00:00:00
OC-122	OLDOXRD	21:47:30			

Diagram OC-123		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-123	MDNHDRS			05:42:00	5B08
OC-123	MDNHEAD	05:44:00	05:45:00	2B08	00:01:00
OC-123	WSTBRNP	06:19:00	06:19:00	2B08	00:00:00
OC-123	ABWD	06:50:00	07:04:00	2T09	00:14:00
OC-123	PADTONX	07:31:30	07:32:30	5T09	00:01:00
OC-123	WSTBRNP	07:34:30	07:54:00	5W28	00:19:30
OC-123	PADTONX	07:56:00	07:57:00	2W28	00:01:00
OC-123	ILFORD	08:23:30	08:24:00	2W28	00:00:30
OC-123	SHENFLD	08:48:00	09:02:00	2B31	00:14:00
OC-123	WSTBRNP	09:54:30	09:54:30	2B31	00:00:00
OC-123	MDNHEAD	10:30:00	10:45:00	2B30	00:15:00
OC-123	WSTBRNP	11:19:00	11:19:00	2B30	00:00:00
OC-123	ILFORD	11:47:30	11:48:00	2B30	00:00:30
OC-123	SHENFLD	12:12:30	12:24:30	2W65	00:12:00
OC-123	PADTONX	13:15:00	13:16:00	5W65	00:01:00
OC-123	WSTBRNP	13:18:00	13:25:30	5W68	00:07:30
OC-123	PADTONX	13:27:30	13:28:30	2W68	00:01:00
OC-123	ILFORD	13:55:00	13:55:30	2W68	00:00:30
OC-123	SHENFLD	14:20:00	14:32:00	2B63	00:12:00
OC-123	WSTBRNP	15:24:30	15:24:30	2B63	00:00:00
OC-123	MDNHEAD	16:00:00	16:15:00	2B74	00:15:00
OC-123	WSTBRNP	16:49:00	16:49:00	2B74	00:00:00
OC-123	ILFORD	17:18:00	17:18:30	2B74	00:00:30
OC-123	SHENFLD	17:42:30	17:54:30	2W37	00:12:00
OC-123	PADTONX	18:45:00	18:46:00	5W37	00:01:00
OC-123	WSTBRNP	18:48:00	18:55:30	5W42	00:07:30
OC-123	PADTONX	18:57:30	18:58:30	2W42	00:01:00

OC-123	ILFORD	19:25:00	19:25:30	2W42	00:00:30
OC-123	SHENFLD	19:48:00	20:02:00	2B09	00:14:00
OC-123	WSTBRNP	20:54:30	20:54:30	2B09	00:00:00
OC-123	MDNHEAD	21:30:00	21:45:00	2B18	00:15:00
OC-123	WSTBRNP	22:19:00	22:19:00	2B18	00:00:00
OC-123	ABWD	22:50:00	23:04:00	2T17	00:14:00
OC-123	PADTONX	23:31:30	23:32:30	5T17	00:01:00
OC-123	WSTBRNP	23:34:30	23:54:00	5W74	00:19:30
OC-123	PADTONX	23:56:00	23:57:00	2W74	00:01:00
OC-123	ILFORD	00:23:30	00:24:00	2W74	00:00:30
OC-123	SHENFLD	00:46:30	00:53:30	5V70	00:07:00
OC-123	ILFEMUD	01:18:30			

## Diagram OC-124

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-124	SHENFDS			05:43:00	5B15
OC-124	SHENFLD	05:45:00	05:46:00	2B15	00:01:00
OC-124	WSTBRNP	06:38:30	06:38:30	2B15	00:00:00
OC-124	MDNHEAD	07:11:00	07:27:30	2B22	00:16:30
OC-124	WSTBRNP	08:04:00	08:04:00	2B22	00:00:00
OC-124	ILFORD	08:33:30	08:34:00	2B22	00:00:30
OC-124	SHENFLD	08:56:30	08:57:30	5B23	00:01:00
OC-124	SHENFDS	08:59:30	09:29:00	5B23	00:29:30
OC-124	SHENFLD	09:31:00	09:32:00	2B23	00:01:00
OC-124	WSTBRNP	10:24:30	10:24:30	2B23	00:00:00
OC-124	MDNHEAD	11:00:00	11:15:00	2B34	00:15:00
OC-124	WSTBRNP	11:49:00	11:49:00	2B34	00:00:00
OC-124	ILFORD	12:17:30	12:18:00	2B34	00:00:30
OC-124	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
OC-124	PADTONX	13:45:00	13:46:00	5W69	00:01:00
OC-124	WSTBRNP	13:48:00	13:55:30	5W72	00:07:30
OC-124	PADTONX	13:57:30	13:58:30	2W72	00:01:00
OC-124	ILFORD	14:25:00	14:25:30	2W72	00:00:30
OC-124	SHENFLD	14:50:00	15:02:00	2B67	00:12:00
OC-124	WSTBRNP	15:54:30	15:54:30	2B67	00:00:00
OC-124	MDNHEAD	16:30:00	16:45:00	2B78	00:15:00
OC-124	WSTBRNP	17:19:00	17:19:00	2B78	00:00:00
OC-124	ILFORD	17:48:00	17:48:30	2B78	00:00:30
OC-124	SHENFLD	18:12:30	18:24:30	2W43	00:12:00
OC-124	PADTONX	19:15:00	19:16:00	5W43	00:01:00
OC-124	WSTBRNP	19:18:00	19:25:30	5W46	00:07:30
OC-124	PADTONX	19:27:30	19:28:30	2W46	00:01:00
OC-124	ILFORD	19:55:00	19:55:30	2W46	00:00:30
OC-124	SHENFLD	20:20:00	20:32:00	2B13	00:12:00
OC-124	WSTBRNP	21:24:30	21:24:30	2B13	00:00:00
OC-124	MDNHEAD	22:00:00	22:15:00	2B22	00:15:00

OC-124	WSTBRNP	22:49:00	22:49:00	2B22	00:00:00
OC-124	ABWD	23:20:00	23:34:00	2T19	00:14:00
OC-124	PADTONX	00:01:30	00:02:30	5T19	00:01:00
OC-124	WSTBRNP	00:04:30	00:24:00	5W76	00:19:30
OC-124	PADTONX	00:26:00	00:27:00	2W76	00:01:00
OC-124	ILFORD	00:53:30	00:54:00	2W76	00:00:30
OC-124	SHENFLD	01:16:30	01:23:30	5W72	00:07:00
OC-124	GIDEPKS	01:33:00			

Diagram OC-125		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-125	PLUMSDG			05:47:30	5T05
OC-125	ABWD	05:57:00	06:04:00	2T05	00:07:00
OC-125	PADTONX	06:31:30	06:32:30	5W05	00:01:00
OC-125	WSTBRNP	06:34:30	06:54:00	5W14	00:19:30
OC-125	PADTONX	06:56:00	06:57:00	2W14	00:01:00
OC-125	ILFORD	07:23:30	07:24:00	2W14	00:00:30
OC-125	SHENFLD	07:49:00	07:56:00	2W43	00:07:00
OC-125	PADTONX	08:46:30	08:47:30	5W43	00:01:00
OC-125	WSTBRNP	08:49:30	08:55:30	5W54	00:06:00
OC-125	PADTONX	08:57:30	08:58:30	2W54	00:01:00
OC-125	ILFORD	09:25:00	09:25:30	2W54	00:00:30
OC-125	SHENFLD	09:50:00	10:02:00	2B27	00:12:00
OC-125	WSTBRNP	10:54:30	10:54:30	2B27	00:00:00
OC-125	MDNHEAD	11:30:00	11:45:00	2B38	00:15:00
OC-125	WSTBRNP	12:19:00	12:19:00	2B38	00:00:00
OC-125	ILFORD	12:47:30	12:48:00	2B38	00:00:30
OC-125	SHENFLD	13:12:30	13:24:30	2W73	00:12:00
OC-125	PADTONX	14:15:00	14:16:00	5W73	00:01:00
OC-125	WSTBRNP	14:18:00	14:25:30	5W76	00:07:30
OC-125	PADTONX	14:27:30	14:28:30	2W76	00:01:00
OC-125	ILFORD	14:55:00	14:55:30	2W76	00:00:30
OC-125	SHENFLD	15:19:30	15:32:00	2B71	00:12:30
OC-125	WSTBRNP	16:24:30	16:24:30	2B71	00:00:00
OC-125	MDNHEAD	17:00:00	17:15:00	2B82	00:15:00
OC-125	WSTBRNP	17:49:00	17:49:00	2B82	00:00:00
OC-125	ILFORD	18:18:30	18:19:00	2B82	00:00:30
OC-125	SHENFLD	18:42:30	18:54:30	2W47	00:12:00
OC-125	PADTONX	19:45:00	19:46:00	5W47	00:01:00
OC-125	WSTBRNP	19:48:00	19:55:30	5W50	00:07:30
OC-125	PADTONX	19:57:30	19:58:30	2W50	00:01:00
OC-125	ILFORD	20:25:00	20:25:30	2W50	00:00:30
OC-125	SHENFLD	20:48:00	21:02:00	2B17	00:14:00
OC-125	WSTBRNP	21:54:30	21:54:30	2B17	00:00:00
OC-125	MDNHEAD	22:30:00	22:45:00	2B26	00:15:00
OC-125	WSTBRNP	23:19:00	23:19:00	2B26	00:00:00



OC-125	ABWD	23:50:00	00:04:00	2T21	00:14:00
OC-125	PADTONX	00:31:30	00:32:30	5D21	00:01:00
OC-125	WSTBRNP	00:33:30	00:33:30	5D21	00:00:00
OC-125	OLDOXRB	00:38:00	00:38:00	5D21	00:00:00
OC-125	OLDOXRW	00:46:00	00:46:00	5D21	00:00:00
OC-125	OLDOXRD	00:49:00			

Diagram OC-126		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-126	OLDOXRD		05:43:30	5W06	
OC-126	OLDOXRW	05:46:30	05:46:30	5W06	00:00:00
OC-126	OLDOXRB	05:51:00	05:51:00	5W06	00:00:00
OC-126	WSTBRNP	05:55:00	05:55:00	5W06	00:00:00
OC-126	PADTONX	05:56:00	05:57:00	2W06	00:01:00
OC-126	ILFORD	06:23:30	06:24:00	2W06	00:00:30
OC-126	SHENFLD	06:49:00	06:56:00	2W17	00:07:00
OC-126	PADTONX	07:46:30	07:47:30	5W17	00:01:00
OC-126	WSTBRNP	07:49:30	08:09:00	5T24	00:19:30
OC-126	PADTONX	08:11:00	08:12:00	2T24	00:01:00
OC-126	ABWD	08:42:00	08:51:30	2T31	00:09:30
OC-126	PADTONX	09:19:00	09:20:00	5T31	00:01:00
OC-126	WSTBRNP	09:22:00	09:36:30	5T38	00:14:30
OC-126	PADTONX	09:38:30	09:39:30	2T38	00:01:00
OC-126	ABWD	10:09:30	10:21:30	2T31	00:12:00
OC-126	PADTONX	10:49:00	10:50:00	5T31	00:01:00
OC-126	WSTBRNP	10:52:00	11:10:30	5W50	00:18:30
OC-126	PADTONX	11:12:30	11:13:30	2W50	00:01:00
OC-126	ILFORD	11:40:00	11:40:30	2W50	00:00:30
OC-126	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
OC-126	WSTBRNP	13:09:30	13:09:30	2B45	00:00:00
OC-126	MDNHEAD	13:42:00	13:57:30	2B56	00:15:30
OC-126	WSTBRNP	14:34:00	14:34:00	2B56	00:00:00
OC-126	ILFORD	15:02:30	15:03:00	2B56	00:00:30
OC-126	SHENFLD	15:27:30	15:39:30	2W93	00:12:00
OC-126	PADTONX	16:30:00	16:31:00	5D93	00:01:00
OC-126	WSTBRNP	16:32:00	16:32:00	5D93	00:00:00
OC-126	OLDOXRB	16:36:30	16:36:30	5D93	00:00:00
OC-126	OLDOXRW	16:44:30	16:44:30	5D93	00:00:00
OC-126	OLDOXRD	16:47:30	17:26:00	5T90	00:38:30
OC-126	OLDOXRW	17:29:00	17:29:00	5T90	00:00:00
OC-126	OLDOXRB	17:33:30	17:33:30	5T90	00:00:00
OC-126	WSTBRNP	17:37:30	17:37:30	5T90	00:00:00
OC-126	PADTONX	17:38:30	17:39:30	2T90	00:01:00
OC-126	ABWD	18:09:30	18:21:30	2T95	00:12:00
OC-126	PADTONX	18:49:00	18:50:00	5T95	00:01:00
OC-126	WSTBRNP	18:52:00	19:10:30	5W44	00:18:30

OC-126	PADTONX	19:12:30	19:13:30	2W44	00:01:00
OC-126	ILFORD	19:40:00	19:40:30	2W44	00:00:30
OC-126	SHENFLD	20:05:00	20:17:00	2B11	00:12:00
OC-126	WSTBRNP	21:09:30	21:09:30	2B11	00:00:00
OC-126	MDNHEAD	21:42:00	21:57:30	2B20	00:15:30
OC-126	WSTBRNP	22:34:00	22:34:00	2B20	00:00:00
OC-126	ILFORD	23:02:30	23:03:00	2B20	00:00:30
OC-126	SHENFLD	23:25:30	23:36:00	2A45	00:10:30
OC-126	WSTBRNP	00:28:30	00:28:30	2A45	00:00:00
OC-126	HAYESAH	00:45:00	00:56:00	5D45	00:11:00
OC-126	PADTON	01:10:30	01:17:30	5D45	00:07:00
OC-126	OLDOXRB	01:23:00	01:23:00	5D45	00:00:00
OC-126	OLDOXRW	01:31:00	01:31:00	5D45	00:00:00
OC-126	OLDOXRD	01:34:00			

## Diagram OC-127

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-127	MDNHDRS			05:54:30	5B10
OC-127	MDNHEAD	05:56:30	05:57:30	2B10	00:01:00
OC-127	WSTBRNP	06:34:00	06:34:00	2B10	00:00:00
OC-127	ILFORD	07:03:30	07:04:00	2B10	00:00:30
OC-127	SHENFLD	07:29:00	07:36:00	2A29	00:07:00
OC-127	WSTBRNP	08:28:30	08:28:30	2A29	00:00:00
OC-127	HTRWTM4	08:55:00	09:17:00	2A40	00:22:00
OC-127	WSTBRNP	09:45:00	09:45:00	2A40	00:00:00
OC-127	ABWD	10:17:00	10:29:00	2A37	00:12:00
OC-127	WSTBRNP	10:58:30	10:58:30	2A37	00:00:00
OC-127	HTRWTM4	11:25:00	11:47:00	2A48	00:22:00
OC-127	WSTBRNP	12:15:00	12:15:00	2A48	00:00:00
OC-127	ABWD	12:47:00	12:59:00	2A57	00:12:00
OC-127	WSTBRNP	13:28:30	13:28:30	2A57	00:00:00
OC-127	HTRWTM4	13:55:00	14:17:00	2A68	00:22:00
OC-127	WSTBRNP	14:45:00	14:45:00	2A68	00:00:00
OC-127	ABWD	15:17:00	15:29:00	2A77	00:12:00
OC-127	WSTBRNP	15:58:30	15:58:30	2A77	00:00:00
OC-127	HTRWTM4	16:25:00	16:47:00	2A88	00:22:00
OC-127	WSTBRNP	17:15:00	17:15:00	2A88	00:00:00
OC-127	ABWD	17:47:00	17:59:00	2A97	00:12:00
OC-127	WSTBRNP	18:28:30	18:28:30	2A97	00:00:00
OC-127	HTRWTM4	18:55:00	19:17:00	2A08	00:22:00
OC-127	WSTBRNP	19:45:00	19:45:00	2A08	00:00:00
OC-127	ABWD	20:17:00	20:29:00	2A17	00:12:00
OC-127	WSTBRNP	20:58:30	20:58:30	2A17	00:00:00
OC-127	HTRWTM4	21:25:00	21:47:00	2A28	00:22:00
OC-127	WSTBRNP	22:15:00	22:15:00	2A28	00:00:00
OC-127	ILFORD	22:43:30	22:44:00	2A28	00:00:30

OC-127	SHENFLD	23:09:00	23:16:00	2B35	00:07:00
OC-127	WSTBRNP	00:09:30	00:09:30	2B35	00:00:00
OC-127	MDNHEAD	00:45:00	00:46:00	5B35	00:01:00
OC-127	MDNHDRS	00:48:00			

Diagram OC-128		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-128	PLUMSDG			05:57:30	5A19
OC-128	ABWD	06:07:00	06:14:00	2A19	00:07:00
OC-128	WSTBRNP	06:43:30	06:43:30	2A19	00:00:00
OC-128	HTRWTM4	07:10:00	07:32:00	2A26	00:22:00
OC-128	WSTBRNP	08:00:00	08:00:00	2A26	00:00:00
OC-128	ABWD	08:30:00	08:44:00	2A39	00:14:00
OC-128	WSTBRNP	09:13:30	09:13:30	2A39	00:00:00
OC-128	HTRWTM4	09:40:00	10:02:00	2A34	00:22:00
OC-128	WSTBRNP	10:30:00	10:30:00	2A34	00:00:00
OC-128	ABWD	11:02:00	11:14:00	2A43	00:12:00
OC-128	WSTBRNP	11:43:30	11:43:30	2A43	00:00:00
OC-128	HTRWTM4	12:10:00	12:32:00	2A54	00:22:00
OC-128	WSTBRNP	13:00:00	13:00:00	2A54	00:00:00
OC-128	ABWD	13:32:00	13:44:00	2A63	00:12:00
OC-128	WSTBRNP	14:13:30	14:13:30	2A63	00:00:00
OC-128	HTRWTM4	14:40:00	15:02:00	2A74	00:22:00
OC-128	WSTBRNP	15:30:00	15:30:00	2A74	00:00:00
OC-128	ABWD	16:02:00	16:14:00	2A83	00:12:00
OC-128	WSTBRNP	16:43:30	16:43:30	2A83	00:00:00
OC-128	HTRWTM4	17:10:00	17:32:00	2A94	00:22:00
OC-128	WSTBRNP	18:00:00	18:00:00	2A94	00:00:00
OC-128	ABWD	18:32:00	18:44:00	2A03	00:12:00
OC-128	WSTBRNP	19:13:30	19:13:30	2A03	00:00:00
OC-128	HTRWTM4	19:40:00	20:02:00	2A14	00:22:00
OC-128	WSTBRNP	20:30:00	20:30:00	2A14	00:00:00
OC-128	ABWD	21:02:00	21:14:00	2A23	00:12:00
OC-128	WSTBRNP	21:43:30	21:43:30	2A23	00:00:00
OC-128	HTRWTM4	22:10:00	22:32:00	2A34	00:22:00
OC-128	WSTBRNP	23:00:00	23:00:00	2A34	00:00:00
OC-128	ABWD	23:30:00	23:44:00	2A43	00:14:00
OC-128	WSTBRNP	00:13:30	00:13:30	2A43	00:00:00
OC-128	HAYESAH	00:30:00	00:37:00	5D43	00:07:00
OC-128	PADTON	00:50:30	00:57:30	5D43	00:07:00
OC-128	OLDOXRB	01:03:00	01:03:00	5D43	00:00:00
OC-128	OLDOXRW	01:11:00	01:11:00	5D43	00:00:00
OC-128	OLDOXRD	01:14:00			

Diagram OC-129		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A

OC-129	OLDOXRD		05:58:30	5T04	
OC-129	OLDOXRW	06:01:30	06:01:30	5T04	00:00:00
OC-129	OLDOXRB	06:06:00	06:06:00	5T04	00:00:00
OC-129	WSTBRNP	06:10:00	06:10:00	5T04	00:00:00
OC-129	PADTONX	06:11:00	06:12:00	2T04	00:01:00
OC-129	ABWD	06:40:00	06:54:00	2B15	00:14:00
OC-129	WSTBRNP	07:24:30	07:24:30	2B15	00:00:00
OC-129	MDNHEAD	08:00:00	08:15:00	2B28	00:15:00
OC-129	WSTBRNP	08:49:00	08:49:00	2B28	00:00:00
OC-129	ILFORD	09:18:30	09:19:00	2B28	00:00:30
OC-129	SHENFLD	09:42:30	09:54:30	2W45	00:12:00
OC-129	PADTONX	10:45:00	10:46:00	5W45	00:01:00
OC-129	WSTBRNP	10:48:00	10:55:30	5W48	00:07:30
OC-129	PADTONX	10:57:30	10:58:30	2W48	00:01:00
OC-129	ILFORD	11:25:00	11:25:30	2W48	00:00:30
OC-129	SHENFLD	11:50:00	12:02:00	2B43	00:12:00
OC-129	WSTBRNP	12:54:30	12:54:30	2B43	00:00:00
OC-129	MDNHEAD	13:30:00	13:45:00	2B54	00:15:00
OC-129	WSTBRNP	14:19:00	14:19:00	2B54	00:00:00
OC-129	ILFORD	14:47:30	14:48:00	2B54	00:00:30
OC-129	SHENFLD	15:12:30	15:24:30	2W89	00:12:00
OC-129	PADTONX	16:15:00	16:16:00	5W89	00:01:00
OC-129	WSTBRNP	16:18:00	16:25:30	5W94	00:07:30
OC-129	PADTONX	16:27:30	16:28:30	2W94	00:01:00
OC-129	ILFORD	16:55:00	16:55:30	2W94	00:00:30
OC-129	SHENFLD	17:20:00	17:32:00	2B89	00:12:00
OC-129	WSTBRNP	18:24:30	18:24:30	2B89	00:00:00
OC-129	MDNHEAD	19:00:00	19:15:00	2B98	00:15:00
OC-129	WSTBRNP	19:49:00	19:49:00	2B98	00:00:00
OC-129	ILFORD	20:17:30	20:18:00	2B98	00:00:30
OC-129	SHENFLD	20:42:30	20:54:30	2P02	00:12:00
OC-129	PADTONX	21:45:00	21:46:00	5P02	00:01:00
OC-129	WSTBRNP	21:48:00	21:55:30	5W66	00:07:30
OC-129	PADTONX	21:57:30	21:58:30	2W66	00:01:00
OC-129	ILFORD	22:25:00	22:25:30	2W66	00:00:30
OC-129	SHENFLD	22:49:00	22:56:00	2W69	00:07:00
OC-129	PADTONX	23:46:30	23:47:30	5D69	00:01:00
OC-129	WSTBRNP	23:48:30	23:48:30	5D69	00:00:00
OC-129	OLDOXRB	23:53:00	23:53:00	5D69	00:00:00
OC-129	OLDOXRW	00:01:00	00:01:00	5D69	00:00:00
OC-129	OLDOXRD	00:04:00			

Diagram OC-130			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-130	SHENFDS			06:13:00	5B17
OC-130	SHENFLD	06:15:00		06:16:00	2B17 00:01:00



OC-130	WSTBRNP	07:08:30	07:08:30	2B17	00:00:00
OC-130	MDNHEAD	07:41:00	07:57:30	2B26	00:16:30
OC-130	WSTBRNP	08:34:00	08:34:00	2B26	00:00:00
OC-130	ILFORD	09:03:30	09:04:00	2B26	00:00:30
OC-130	SHENFLD	09:27:30	09:39:30	2W43	00:12:00
OC-130	PADTONX	10:30:00	10:31:00	5D43	00:01:00
OC-130	WSTBRNP	10:32:00	10:32:00	5D43	00:00:00
OC-130	OLDOXRB	10:36:30	10:36:30	5D43	00:00:00
OC-130	OLDOXRW	10:44:30	10:44:30	5D43	00:00:00
OC-130	OLDOXRD	10:47:30	11:26:00	5T38	00:38:30
OC-130	OLDOXRW	11:29:00	11:29:00	5T38	00:00:00
OC-130	OLDOXRB	11:33:30	11:33:30	5T38	00:00:00
OC-130	WSTBRNP	11:37:30	11:37:30	5T38	00:00:00
OC-130	PADTONX	11:38:30	11:39:30	2T38	00:01:00
OC-130	ABWD	12:09:30	12:21:30	2T47	00:12:00
OC-130	PADTONX	12:49:00	12:50:00	5T47	00:01:00
OC-130	WSTBRNP	12:52:00	13:10:30	5W66	00:18:30
OC-130	PADTONX	13:12:30	13:13:30	2W66	00:01:00
OC-130	ILFORD	13:40:00	13:40:30	2W66	00:00:30
OC-130	SHENFLD	14:05:00	14:17:00	2B61	00:12:00
OC-130	WSTBRNP	15:09:30	15:09:30	2B61	00:00:00
OC-130	MDNHEAD	15:42:00	15:57:30	2B72	00:15:30
OC-130	WSTBRNP	16:34:00	16:34:00	2B72	00:00:00
OC-130	ILFORD	17:02:30	17:03:00	2B72	00:00:30
OC-130	SHENFLD	17:27:30	17:39:30	2W35	00:12:00
OC-130	PADTONX	18:30:00	18:31:00	5D35	00:01:00
OC-130	WSTBRNP	18:32:00	18:32:00	5D35	00:00:00
OC-130	OLDOXRB	18:36:30	18:36:30	5D35	00:00:00
OC-130	OLDOXRW	18:44:30	18:44:30	5D35	00:00:00
OC-130	OLDOXRD	18:47:30	19:26:00	5T08	00:38:30
OC-130	OLDOXRW	19:29:00	19:29:00	5T08	00:00:00
OC-130	OLDOXRB	19:33:30	19:33:30	5T08	00:00:00
OC-130	WSTBRNP	19:37:30	19:37:30	5T08	00:00:00
OC-130	PADTONX	19:38:30	19:39:30	2T08	00:01:00
OC-130	ABWD	20:09:30	20:21:30	2T55	00:12:00
OC-130	PADTONX	20:49:00	20:50:00	5T55	00:01:00
OC-130	WSTBRNP	20:52:00	21:10:30	5W60	00:18:30
OC-130	PADTONX	21:12:30	21:13:30	2W60	00:01:00
OC-130	ILFORD	21:40:00	21:40:30	2W60	00:00:30
OC-130	SHENFLD	22:03:00	22:16:00	2B27	00:13:00
OC-130	WSTBRNP	23:09:30	23:09:30	2B27	00:00:00
OC-130	MDNHEAD	23:42:00	23:43:00	5B27	00:01:00
OC-130	MDNHDRS	23:45:00			

Diagram OC-131

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
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OC-131	MDNHDRS		06:24:30	5B14	
OC-131	MDNHEAD	06:26:30	06:27:30	2B14	00:01:00
OC-131	WSTBRNP	07:04:00	07:04:00	2B14	00:00:00
OC-131	ILFORD	07:33:30	07:34:00	2B14	00:00:30
OC-131	SHENFLD	07:56:30	08:06:00	2A36	00:09:30
OC-131	WSTBRNP	08:58:30	08:58:30	2A36	00:00:00
OC-131	HTRWTM4	09:25:00	09:47:00	2A32	00:22:00
OC-131	WSTBRNP	10:15:00	10:15:00	2A32	00:00:00
OC-131	ABWD	10:47:00	10:59:00	2A41	00:12:00
OC-131	WSTBRNP	11:28:30	11:28:30	2A41	00:00:00
OC-131	HTRWTM4	11:55:00	12:17:00	2A52	00:22:00
OC-131	WSTBRNP	12:45:00	12:45:00	2A52	00:00:00
OC-131	ABWD	13:17:00	13:29:00	2A61	00:12:00
OC-131	WSTBRNP	13:58:30	13:58:30	2A61	00:00:00
OC-131	HTRWTM4	14:25:00	14:47:00	2A72	00:22:00
OC-131	WSTBRNP	15:15:00	15:15:00	2A72	00:00:00
OC-131	ABWD	15:47:00	15:59:00	2A81	00:12:00
OC-131	WSTBRNP	16:28:30	16:28:30	2A81	00:00:00
OC-131	HTRWTM4	16:55:00	17:17:00	2A92	00:22:00
OC-131	WSTBRNP	17:45:00	17:45:00	2A92	00:00:00
OC-131	ABWD	18:17:00	18:29:00	2A01	00:12:00
OC-131	WSTBRNP	18:58:30	18:58:30	2A01	00:00:00
OC-131	HTRWTM4	19:25:00	19:47:00	2A12	00:22:00
OC-131	WSTBRNP	20:15:00	20:15:00	2A12	00:00:00
OC-131	ABWD	20:47:00	20:59:00	2A21	00:12:00
OC-131	WSTBRNP	21:28:30	21:28:30	2A21	00:00:00
OC-131	HTRWTM4	21:55:00	22:17:00	2A32	00:22:00
OC-131	WSTBRNP	22:45:00	22:45:00	2A32	00:00:00
OC-131	ILFORD	23:13:30	23:14:00	2A32	00:00:30
OC-131	SHENFLD	23:39:00	23:46:00	2B39	00:07:00
OC-131	WSTBRNP	00:39:30	00:39:30	2B39	00:00:00
OC-131	MDNHEAD	01:15:00	01:16:00	5B39	00:01:00
OC-131	MDNHDRS	01:18:00			

Diagram OC-132		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-132	GIDEPKS			08:02:30	5B27
OC-132	SHENFDS	08:14:30	08:29:00	5B27	00:14:30
OC-132	SHENFLD	08:31:00	08:32:00	2B27	00:01:00
OC-132	WSTBRNP	09:24:30	09:24:30	2B27	00:00:00
OC-132	MDNHEAD	10:00:00	10:15:00	2B26	00:15:00
OC-132	WSTBRNP	10:49:00	10:49:00	2B26	00:00:00
OC-132	ILFORD	11:17:30	11:18:00	2B26	00:00:30
OC-132	SHENFLD	11:42:30	11:54:30	2W61	00:12:00
OC-132	PADTONX	12:45:00	12:46:00	5W61	00:01:00
OC-132	WSTBRNP	12:48:00	12:55:30	5W64	00:07:30

OC-132	PADTONX	12:57:30	12:58:30	2W64	00:01:00
OC-132	ILFORD	13:25:00	13:25:30	2W64	00:00:30
OC-132	SHENFLD	13:50:00	14:02:00	2B59	00:12:00
OC-132	WSTBRNP	14:54:30	14:54:30	2B59	00:00:00
OC-132	MDNHEAD	15:30:00	15:45:00	2B70	00:15:00
OC-132	WSTBRNP	16:19:00	16:19:00	2B70	00:00:00
OC-132	ILFORD	16:48:00	16:48:30	2B70	00:00:30
OC-132	SHENFLD	17:12:30	17:24:30	2W31	00:12:00
OC-132	PADTONX	18:15:00	18:16:00	5W31	00:01:00
OC-132	WSTBRNP	18:18:00	18:25:30	5W36	00:07:30
OC-132	PADTONX	18:27:30	18:28:30	2W36	00:01:00
OC-132	ILFORD	18:55:00	18:55:30	2W36	00:00:30
OC-132	SHENFLD	19:20:00	19:32:00	2B05	00:12:00
OC-132	WSTBRNP	20:24:30	20:24:30	2B05	00:00:00
OC-132	MDNHEAD	21:00:00	21:15:00	2B14	00:15:00
OC-132	WSTBRNP	21:49:00	21:49:00	2B14	00:00:00
OC-132	ILFORD	22:17:30	22:18:00	2B14	00:00:30
OC-132	SHENFLD	22:40:30	22:52:30	5B14	00:12:00
OC-132	ILFEMUD	23:21:30			

## Diagram OC-133

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-133	ILFEMUD			08:18:00	5W59
OC-133	SHENFDS	08:44:30	08:51:30	5W59	00:07:00
OC-133	SHENFLD	08:53:30	08:54:30	2W59	00:01:00
OC-133	PADTONX	09:45:00	09:46:00	5W59	00:01:00
OC-133	WSTBRNP	09:48:00	09:55:30	5W40	00:07:30
OC-133	PADTONX	09:57:30	09:58:30	2W40	00:01:00
OC-133	ILFORD	10:25:00	10:25:30	2W40	00:00:30
OC-133	SHENFLD	10:50:00	11:02:00	2B35	00:12:00
OC-133	WSTBRNP	11:54:30	11:54:30	2B35	00:00:00
OC-133	MDNHEAD	12:30:00	12:45:00	2B46	00:15:00
OC-133	WSTBRNP	13:19:00	13:19:00	2B46	00:00:00
OC-133	ILFORD	13:47:30	13:48:00	2B46	00:00:30
OC-133	SHENFLD	14:12:30	14:24:30	2W81	00:12:00
OC-133	PADTONX	15:15:00	15:16:00	5W81	00:01:00
OC-133	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
OC-133	PADTONX	15:27:30	15:28:30	2W84	00:01:00
OC-133	ILFORD	15:55:00	15:55:30	2W84	00:00:30
OC-133	SHENFLD	16:21:00	16:32:00	2B81	00:11:00
OC-133	WSTBRNP	17:24:30	17:24:30	2B81	00:00:00
OC-133	MDNHEAD	18:00:00	18:15:00	2B90	00:15:00
OC-133	WSTBRNP	18:49:00	18:49:00	2B90	00:00:00
OC-133	ILFORD	19:18:00	19:18:30	2B90	00:00:30
OC-133	SHENFLD	19:42:30	19:54:30	2W55	00:12:00
OC-133	PADTONX	20:45:00	20:46:00	5W55	00:01:00



OC-133	WSTBRNP	20:48:00	20:55:30 5W58	00:07:30
OC-133	PADTONX	20:57:30	20:58:30 2W58	00:01:00
OC-133	ILFORD	21:25:00	21:25:30 2W58	00:00:30
OC-133	SHENFLD	21:49:00	21:56:00 2W65	00:07:00
OC-133	PADTONX	22:46:30	22:47:30 5W65	00:01:00
OC-133	WSTBRNP	22:49:30	23:09:00 5T32	00:19:30
OC-133	PADTONX	23:11:00	23:12:00 2T32	00:01:00
OC-133	ABWD	23:40:00	23:54:00 2B37	00:14:00
OC-133	PADTONX	00:21:30	00:22:30 5D37	00:01:00
OC-133	WSTBRNP	00:23:30	00:23:30 5D37	00:00:00
OC-133	OLDOXRB	00:28:00	00:28:00 5D37	00:00:00
OC-133	OLDOXRW	00:36:00	00:36:00 5D37	00:00:00
OC-133	OLDOXRD	00:39:00		

Diagram OC-134		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-134	OLDOXRD			08:41:00 5T30	
OC-134	OLDOXRW	08:44:00	08:44:00	5T30	00:00:00
OC-134	OLDOXRB	08:48:30	08:48:30	5T30	00:00:00
OC-134	WSTBRNP	08:52:30	08:52:30	5T30	00:00:00
OC-134	PADTONX	08:53:30	08:54:30	2T30	00:01:00
OC-134	ABWD	09:24:30	09:36:30	2T41	00:12:00
OC-134	PADTONX	10:04:00	10:05:00	5T41	00:01:00
OC-134	WSTBRNP	10:07:00	10:21:30	5T28	00:14:30
OC-134	PADTONX	10:23:30	10:24:30	2T28	00:01:00
OC-134	ABWD	10:54:30	11:06:30	2T37	00:12:00
OC-134	PADTONX	11:34:00	11:35:00	5T37	00:01:00
OC-134	WSTBRNP	11:37:00	11:51:30	5T40	00:14:30
OC-134	PADTONX	11:53:30	11:54:30	2T40	00:01:00
OC-134	ABWD	12:24:30	12:36:30	2T49	00:12:00
OC-134	PADTONX	13:04:00	13:05:00	5T49	00:01:00
OC-134	WSTBRNP	13:07:00	13:21:30	5T52	00:14:30
OC-134	PADTONX	13:23:30	13:24:30	2T52	00:01:00
OC-134	ABWD	13:54:30	14:06:30	2T61	00:12:00
OC-134	PADTONX	14:34:00	14:35:00	5T61	00:01:00
OC-134	WSTBRNP	14:37:00	14:51:30	5T64	00:14:30
OC-134	PADTONX	14:53:30	14:54:30	2T64	00:01:00
OC-134	ABWD	15:24:30	15:36:30	2T73	00:12:00
OC-134	PADTONX	16:04:00	16:05:00	5T73	00:01:00
OC-134	WSTBRNP	16:07:00	16:21:30	5T78	00:14:30
OC-134	PADTONX	16:23:30	16:24:30	2T78	00:01:00
OC-134	ABWD	16:54:30	17:06:30	2T85	00:12:00
OC-134	PADTONX	17:34:00	17:35:00	5T85	00:01:00
OC-134	WSTBRNP	17:37:00	17:51:30	5T92	00:14:30
OC-134	PADTONX	17:53:30	17:54:30	2T92	00:01:00
OC-134	ABWD	18:24:30	18:36:30	2T97	00:12:00

OC-134	PADTONX	19:04:00	19:05:00	5T97	00:01:00
OC-134	WSTBRNP	19:07:00	19:21:30	5T06	00:14:30
OC-134	PADTONX	19:23:30	19:24:30	2T06	00:01:00
OC-134	ABWD	19:54:30	20:06:30	2T51	00:12:00
OC-134	PADTONX	20:34:00	20:35:00	5T51	00:01:00
OC-134	WSTBRNP	20:37:00	20:51:30	5T18	00:14:30
OC-134	PADTONX	20:53:30	20:54:30	2T18	00:01:00
OC-134	ABWD	21:24:30	21:36:30	2T11	00:12:00
OC-134	PADTONX	22:04:00	22:05:00	5T11	00:01:00
OC-134	WSTBRNP	22:07:00	22:24:00	5W68	00:17:00
OC-134	PADTONX	22:26:00	22:27:00	2W68	00:01:00
OC-134	ILFORD	22:53:30	22:54:00	2W68	00:00:30
OC-134	SHENFLD	23:16:30	23:26:00	2W71	00:09:30
OC-134	PADTONX	00:16:30	00:17:30	5D71	00:01:00
OC-134	WSTBRNP	00:18:30	00:18:30	5D71	00:00:00
OC-134	OLDOXRB	00:23:00	00:23:00	5D71	00:00:00
OC-134	OLDOXRW	00:31:00	00:31:00	5D71	00:00:00
OC-134	OLDOXRD	00:34:00			

Diagram OC-135

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-135	PLUMSDG			08:47:30	5T35
OC-135	ABWD	08:57:00	09:06:30	2T35	00:09:30
OC-135	PADTONX	09:34:00	09:35:00	5T35	00:01:00
OC-135	WSTBRNP	09:37:00	09:51:30	5T40	00:14:30
OC-135	PADTONX	09:53:30	09:54:30	2T40	00:01:00
OC-135	ABWD	10:24:30	10:36:30	2T33	00:12:00
OC-135	PADTONX	11:04:00	11:05:00	5T33	00:01:00
OC-135	WSTBRNP	11:07:00	11:21:30	5T36	00:14:30
OC-135	PADTONX	11:23:30	11:24:30	2T36	00:01:00
OC-135	ABWD	11:54:30	12:06:30	2T45	00:12:00
OC-135	PADTONX	12:34:00	12:35:00	5T45	00:01:00
OC-135	WSTBRNP	12:37:00	12:51:30	5T48	00:14:30
OC-135	PADTONX	12:53:30	12:54:30	2T48	00:01:00
OC-135	ABWD	13:24:30	13:36:30	2T57	00:12:00
OC-135	PADTONX	14:04:00	14:05:00	5T57	00:01:00
OC-135	WSTBRNP	14:07:00	14:21:30	5T60	00:14:30
OC-135	PADTONX	14:23:30	14:24:30	2T60	00:01:00
OC-135	ABWD	14:54:30	15:06:30	2T69	00:12:00
OC-135	PADTONX	15:34:00	15:35:00	5T69	00:01:00
OC-135	WSTBRNP	15:37:00	15:51:30	5T72	00:14:30
OC-135	PADTONX	15:53:30	15:54:30	2T72	00:01:00
OC-135	ABWD	16:24:30	16:36:30	2T81	00:12:00
OC-135	PADTONX	17:04:00	17:05:00	5T81	00:01:00
OC-135	WSTBRNP	17:07:00	17:21:30	5T88	00:14:30
OC-135	PADTONX	17:23:30	17:24:30	2T88	00:01:00

OC-135	ABWD	17:54:30	18:06:30	2T93	00:12:00
OC-135	PADTONX	18:34:00	18:35:00	5T93	00:01:00
OC-135	WSTBRNP	18:37:00	18:51:30	5T02	00:14:30
OC-135	PADTONX	18:53:30	18:54:30	2T02	00:01:00
OC-135	ABWD	19:24:30	19:36:30	2T05	00:12:00
OC-135	PADTONX	20:04:00	20:05:00	5T05	00:01:00
OC-135	WSTBRNP	20:07:00	20:21:30	5T14	00:14:30
OC-135	PADTONX	20:23:30	20:24:30	2T14	00:01:00
OC-135	ABWD	20:54:30	21:06:30	2T61	00:12:00
OC-135	PADTONX	21:34:00	21:35:00	5T61	00:01:00
OC-135	WSTBRNP	21:37:00	21:51:30	5T26	00:14:30
OC-135	PADTONX	21:53:30	21:54:30	2T26	00:01:00
OC-135	ABWD	22:22:30	22:34:00	2T15	00:11:30
OC-135	PADTONX	23:01:30	23:02:30	5T15	00:01:00
OC-135	WSTBRNP	23:04:30	23:24:00	5W72	00:19:30
OC-135	PADTONX	23:26:00	23:27:00	2W72	00:01:00
OC-135	ILFORD	23:53:30	23:54:00	2W72	00:00:30
OC-135	SHENFLD	00:16:30	00:23:30	5W68	00:07:00
OC-135	GIDEPKS	00:33:00			

Diagram OC-136

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-136	OLDOXRW			08:56:00	5T32
OC-136	OLDOXRW	08:59:00	08:59:00	5T32	00:00:00
OC-136	OLDOXRB	09:03:30	09:03:30	5T32	00:00:00
OC-136	WSTBRNP	09:07:30	09:07:30	5T32	00:00:00
OC-136	PADTONX	09:08:30	09:09:30	2T32	00:01:00
OC-136	ABWD	09:39:30	09:51:30	2T27	00:12:00
OC-136	PADTONX	10:19:00	10:20:00	5T27	00:01:00
OC-136	WSTBRNP	10:22:00	10:40:30	5W46	00:18:30
OC-136	PADTONX	10:42:30	10:43:30	2W46	00:01:00
OC-136	ILFORD	11:10:00	11:10:30	2W46	00:00:30
OC-136	SHENFLD	11:35:00	11:47:00	2B41	00:12:00
OC-136	WSTBRNP	12:39:30	12:39:30	2B41	00:00:00
OC-136	MDNHEAD	13:12:00	13:27:30	2B52	00:15:30
OC-136	WSTBRNP	14:04:00	14:04:00	2B52	00:00:00
OC-136	ILFORD	14:32:30	14:33:00	2B52	00:00:30
OC-136	SHENFLD	14:57:30	15:09:30	2W87	00:12:00
OC-136	PADTONX	16:00:00	16:01:00	5D87	00:01:00
OC-136	WSTBRNP	16:02:00	16:02:00	5D87	00:00:00
OC-136	OLDOXRB	16:07:00	16:07:00	5D87	00:00:00
OC-136	OLDOXRW	16:15:00	16:15:00	5D87	00:00:00
OC-136	OLDOXRW	16:18:00	16:56:00	5T86	00:38:00
OC-136	OLDOXRW	16:59:00	16:59:00	5T86	00:00:00
OC-136	OLDOXRB	17:03:30	17:03:30	5T86	00:00:00
OC-136	WSTBRNP	17:07:30	17:07:30	5T86	00:00:00

OC-136	PADTONX	17:08:30	17:09:30	2T86	00:01:00
OC-136	ABWD	17:39:30	17:51:30	2T91	00:12:00
OC-136	PADTONX	18:19:00	18:20:00	5T91	00:01:00
OC-136	WSTBRNP	18:22:00	18:40:30	5W40	00:18:30
OC-136	PADTONX	18:42:30	18:43:30	2W40	00:01:00
OC-136	ILFORD	19:10:00	19:10:30	2W40	00:00:30
OC-136	SHENFLD	19:35:00	19:47:00	2B07	00:12:00
OC-136	WSTBRNP	20:39:30	20:39:30	2B07	00:00:00
OC-136	MDNHEAD	21:12:00	21:27:30	2B16	00:15:30
OC-136	WSTBRNP	22:04:00	22:04:00	2B16	00:00:00
OC-136	ILFORD	22:32:30	22:33:00	2B16	00:00:30
OC-136	SHENFLD	22:55:30	23:06:00	2A41	00:10:30
OC-136	WSTBRNP	23:58:30	23:58:30	2A41	00:00:00
OC-136	HAYESAH	00:15:00	00:23:00	5D41	00:08:00
OC-136	PADTON	00:36:30	00:43:30	5D41	00:07:00
OC-136	OLDOXRB	00:49:00	00:49:00	5D41	00:00:00
OC-136	OLDOXRW	00:57:00	00:57:00	5D41	00:00:00
OC-136	OLDOXRD	01:00:00			

Diagram OC-137		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-137	SHENFDS			09:06:30	5W63
OC-137	SHENFLD	09:08:30	09:09:30	2W63	00:01:00
OC-137	PADTONX	10:00:00	10:01:00	5D63	00:01:00
OC-137	WSTBRNP	10:02:00	10:02:00	5D63	00:00:00
OC-137	OLDOXRB	10:06:30	10:06:30	5D63	00:00:00
OC-137	OLDOXRW	10:14:30	10:14:30	5D63	00:00:00
OC-137	OLDOXRD	10:17:30	10:55:30	5T34	00:38:00
OC-137	OLDOXRW	10:58:30	10:58:30	5T34	00:00:00
OC-137	OLDOXRB	11:03:00	11:03:00	5T34	00:00:00
OC-137	WSTBRNP	11:07:00	11:07:00	5T34	00:00:00
OC-137	PADTONX	11:08:00	11:09:30	2T34	00:01:30
OC-137	ABWD	11:39:30	11:51:30	2T43	00:12:00
OC-137	PADTONX	12:19:00	12:20:00	5T43	00:01:00
OC-137	WSTBRNP	12:22:00	12:40:30	5W62	00:18:30
OC-137	PADTONX	12:42:30	12:43:30	2W62	00:01:00
OC-137	ILFORD	13:10:00	13:10:30	2W62	00:00:30
OC-137	SHENFLD	13:35:00	13:47:00	2B57	00:12:00
OC-137	WSTBRNP	14:39:30	14:39:30	2B57	00:00:00
OC-137	MDNHEAD	15:12:00	15:27:30	2B68	00:15:30
OC-137	WSTBRNP	16:04:00	16:04:00	2B68	00:00:00
OC-137	ILFORD	16:32:30	16:33:00	2B68	00:00:30
OC-137	SHENFLD	16:55:30	17:09:30	2W25	00:14:00
OC-137	PADTONX	18:00:00	18:01:00	5D25	00:01:00
OC-137	WSTBRNP	18:02:00	18:02:00	5D25	00:00:00
OC-137	OLDOXRB	18:06:30	18:06:30	5D25	00:00:00



OC-137	OLDOXRW	18:14:30	18:14:30 5D25	00:00:00
OC-137	OLDOXRD	18:17:30	18:56:00 5T04	00:38:30
OC-137	OLDOXRW	18:59:00	18:59:00 5T04	00:00:00
OC-137	OLDOXRB	19:03:30	19:03:30 5T04	00:00:00
OC-137	WSTBRNP	19:07:30	19:07:30 5T04	00:00:00
OC-137	PADTONX	19:08:30	19:09:30 2T04	00:01:00
OC-137	ABWD	19:39:30	19:51:30 2T07	00:12:00
OC-137	PADTONX	20:19:00	20:20:00 5T07	00:01:00
OC-137	WSTBRNP	20:22:00	20:40:30 5W56	00:18:30
OC-137	PADTONX	20:42:30	20:43:30 2W56	00:01:00
OC-137	ILFORD	21:10:00	21:10:30 2W56	00:00:30
OC-137	SHENFLD	21:33:00	21:46:00 2B23	00:13:00
OC-137	WSTBRNP	22:39:30	22:39:30 2B23	00:00:00
OC-137	MDNHEAD	23:12:00	23:27:30 2B32	00:15:30
OC-137	WSTBRNP	00:04:00	00:04:00 2B32	00:00:00
OC-137	ILFORD	00:33:30	00:34:00 2B32	00:00:30
OC-137	SHENFLD	00:56:30	01:03:30 5B32	00:07:00
OC-137	GIDEPKS	01:13:00		

## Diagram OC-138

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-138	OLDOXRD			09:10:30 5T36	
OC-138	OLDOXRW	09:13:30		09:13:30 5T36	00:00:00
OC-138	OLDOXRB	09:18:00		09:18:00 5T36	00:00:00
OC-138	WSTBRNP	09:22:00		09:22:00 5T36	00:00:00
OC-138	PADTONX	09:23:00		09:24:30 2T36	00:01:30
OC-138	ABWD	09:54:30		10:06:30 2T29	00:12:00
OC-138	PADTONX	10:34:00		10:35:00 5T29	00:01:00
OC-138	WSTBRNP	10:37:00		10:51:30 5T32	00:14:30
OC-138	PADTONX	10:53:30		10:54:30 2T32	00:01:00
OC-138	ABWD	11:24:30		11:36:30 2T41	00:12:00
OC-138	PADTONX	12:04:00		12:05:00 5T41	00:01:00
OC-138	WSTBRNP	12:07:00		12:21:30 5T44	00:14:30
OC-138	PADTONX	12:23:30		12:24:30 2T44	00:01:00
OC-138	ABWD	12:54:30		13:06:30 2T53	00:12:00
OC-138	PADTONX	13:34:00		13:35:00 5T53	00:01:00
OC-138	WSTBRNP	13:37:00		13:51:30 5T56	00:14:30
OC-138	PADTONX	13:53:30		13:54:30 2T56	00:01:00
OC-138	ABWD	14:24:30		14:36:30 2T65	00:12:00
OC-138	PADTONX	15:04:00		15:05:00 5T65	00:01:00
OC-138	WSTBRNP	15:07:00		15:21:30 5T68	00:14:30
OC-138	PADTONX	15:23:30		15:24:30 2T68	00:01:00
OC-138	ABWD	15:54:30		16:06:30 2T77	00:12:00
OC-138	PADTONX	16:34:00		16:35:00 5T77	00:01:00
OC-138	WSTBRNP	16:37:00		16:51:30 5T84	00:14:30
OC-138	PADTONX	16:53:30		16:54:30 2T84	00:01:00

OC-138	ABWD	17:24:30	17:36:30	2T89	00:12:00
OC-138	PADTONX	18:04:00	18:05:00	5T89	00:01:00
OC-138	WSTBRNP	18:07:00	18:21:30	5T96	00:14:30
OC-138	PADTONX	18:23:30	18:24:30	2T96	00:01:00
OC-138	ABWD	18:54:30	19:06:30	2T01	00:12:00
OC-138	PADTONX	19:34:00	19:35:00	5T01	00:01:00
OC-138	WSTBRNP	19:37:00	19:51:30	5T10	00:14:30
OC-138	PADTONX	19:53:30	19:54:30	2T10	00:01:00
OC-138	ABWD	20:24:30	20:36:30	2T57	00:12:00
OC-138	PADTONX	21:04:00	21:05:00	5T57	00:01:00
OC-138	WSTBRNP	21:07:00	21:21:30	5T22	00:14:30
OC-138	PADTONX	21:23:30	21:24:30	2T22	00:01:00
OC-138	ABWD	21:52:30	22:04:00	2T13	00:11:30
OC-138	PADTONX	22:31:30	22:32:30	5T13	00:01:00
OC-138	WSTBRNP	22:34:30	22:54:00	5W70	00:19:30
OC-138	PADTONX	22:56:00	22:57:00	2W70	00:01:00
OC-138	ILFORD	23:23:30	23:24:00	2W70	00:00:30
OC-138	SHENFLD	23:46:30	23:56:00	2L99	00:09:30
OC-138	LIVST	00:34:30	00:55:00	2W74	00:20:30
OC-138	ILFORD	01:10:30	01:11:00	2W74	00:00:30
OC-138	SHENFLD	01:33:30	01:41:00	5V74	00:07:30
OC-138	ILFEMUD	02:06:00			

## Diagram OC-139

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-139	OLDOXR			09:30:00	5W66
OC-139	OLDOXRW	09:33:00	09:33:00	5W66	00:00:00
OC-139	OLDOXRB	09:37:30	09:37:30	5W66	00:00:00
OC-139	WSTBRNP	09:41:30	09:41:30	5W66	00:00:00
OC-139	PADTONX	09:42:30	09:43:30	2W66	00:01:00
OC-139	ILFORD	10:10:00	10:10:30	2W66	00:00:30
OC-139	SHENFLD	10:35:00	10:47:00	2B33	00:12:00
OC-139	WSTBRNP	11:39:30	11:39:30	2B33	00:00:00
OC-139	MDNHEAD	12:12:00	12:27:30	2B44	00:15:30
OC-139	WSTBRNP	13:04:00	13:04:00	2B44	00:00:00
OC-139	ILFORD	13:32:30	13:33:00	2B44	00:00:30
OC-139	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
OC-139	PADTONX	15:00:00	15:01:00	5D79	00:01:00
OC-139	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
OC-139	OLDOXRB	15:07:30	15:07:30	5D79	00:00:00
OC-139	OLDOXRW	15:15:30	15:15:30	5D79	00:00:00
OC-139	OLDOXR	15:18:30	15:56:00	5T76	00:37:30
OC-139	OLDOXRW	15:59:00	15:59:00	5T76	00:00:00
OC-139	OLDOXRB	16:03:30	16:03:30	5T76	00:00:00
OC-139	WSTBRNP	16:07:30	16:07:30	5T76	00:00:00
OC-139	PADTONX	16:08:30	16:09:30	2T76	00:01:00
OC-139	ABWD	16:39:30	16:51:30	2T83	00:12:00

OC-139	PADTONX	17:19:00	17:20:00	5T83	00:01:00
OC-139	WSTBRNP	17:22:00	17:40:30	5W22	00:18:30
OC-139	PADTONX	17:42:30	17:43:30	2W22	00:01:00
OC-139	ILFORD	18:10:00	18:10:30	2W22	00:00:30
OC-139	SHENFLD	18:35:00	18:47:00	2B99	00:12:00
OC-139	WSTBRNP	19:39:30	19:39:30	2B99	00:00:00
OC-139	MDNHEAD	20:12:00	20:27:30	2B08	00:15:30
OC-139	WSTBRNP	21:04:00	21:04:00	2B08	00:00:00
OC-139	ILFORD	21:32:30	21:33:00	2B08	00:00:30
OC-139	SHENFLD	21:55:30	22:06:00	2A33	00:10:30
OC-139	WSTBRNP	22:58:30	22:58:30	2A33	00:00:00
OC-139	HTRWTM4	23:25:00	23:47:00	2A44	00:22:00
OC-139	WSTBRNP	00:15:00	00:15:00	2A44	00:00:00
OC-139	ILFORD	00:43:30	00:44:00	2A44	00:00:30
OC-139	SHENFLD	01:06:30	01:13:30	5V44	00:07:00
OC-139	ILFEMUD	01:38:30			

Diagram OC-140		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-140	OLDOXRD			09:55:00	5T26
OC-140	OLDOXRW	09:58:00	09:58:00	5T26	00:00:00
OC-140	OLDOXRB	10:02:30	10:02:30	5T26	00:00:00
OC-140	WSTBRNP	10:06:30	10:06:30	5T26	00:00:00
OC-140	PADTONX	10:08:30	10:09:30	2T26	00:01:00
OC-140	ABWD	10:39:30	10:51:30	2T35	00:12:00
OC-140	PADTONX	11:19:00	11:20:00	5T35	00:01:00
OC-140	WSTBRNP	11:22:00	11:40:30	5W54	00:18:30
OC-140	PADTONX	11:42:30	11:43:30	2W54	00:01:00
OC-140	ILFORD	12:10:00	12:10:30	2W54	00:00:30
OC-140	SHENFLD	12:35:00	12:47:00	2B49	00:12:00
OC-140	WSTBRNP	13:39:30	13:39:30	2B49	00:00:00
OC-140	MDNHEAD	14:12:00	14:27:30	2B60	00:15:30
OC-140	WSTBRNP	15:04:00	15:04:00	2B60	00:00:00
OC-140	ILFORD	15:32:30	15:33:00	2B60	00:00:30
OC-140	SHENFLD	15:57:30	16:09:30	2W01	00:12:00
OC-140	PADTONX	17:00:00	17:01:00	5D01	00:01:00
OC-140	WSTBRNP	17:02:00	17:02:00	5D01	00:00:00
OC-140	OLDOXRB	17:06:30	17:06:30	5D01	00:00:00
OC-140	OLDOXRW	17:14:30	17:14:30	5D01	00:00:00
OC-140	OLDOXRD	17:17:30	17:55:00	5T94	00:37:30
OC-140	OLDOXRW	17:58:00	17:58:00	5T94	00:00:00
OC-140	OLDOXRB	18:02:30	18:02:30	5T94	00:00:00
OC-140	WSTBRNP	18:06:30	18:06:30	5T94	00:00:00
OC-140	PADTONX	18:07:30	18:09:30	2T94	00:02:00
OC-140	ABWD	18:39:30	18:51:30	2T99	00:12:00
OC-140	PADTONX	19:19:00	19:20:00	5T99	00:01:00



OC-140	WSTBRNP	19:22:00	19:40:30	5W48	00:18:30
OC-140	PADTONX	19:42:30	19:43:30	2W48	00:01:00
OC-140	ILFORD	20:10:00	20:10:30	2W48	00:00:30
OC-140	SHENFLD	20:35:00	20:47:00	2B15	00:12:00
OC-140	WSTBRNP	21:39:30	21:39:30	2B15	00:00:00
OC-140	MDNHEAD	22:12:00	22:27:30	2B24	00:15:30
OC-140	WSTBRNP	23:04:00	23:04:00	2B24	00:00:00
OC-140	ILFORD	23:32:30	23:33:00	2B24	00:00:30
OC-140	SHENFLD	23:57:00	23:58:00	5B24	00:01:00
OC-140	SHENFDS	00:00:00			



 Diagram OC501                      Traction: 345  
 Operational Spare Unit  
 Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	MDNHDRS			05:30:00
	MDNHDRS	20:00:00		



 Diagram OC502                      Traction: 345  
 Operational Spare Unit  
 Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	ILFEMUD			05:30:00
	ILFEMUD	20:00:00		

## Stage 5 SU

Diagram OC-101			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-101	OLDOXRD		04:52:30	5A07	
OC-101	OLDOXRW	04:55:30	04:55:30	5A07	00:00:00
OC-101	OLDOXRB	05:00:00	05:00:00	5A07	00:00:00
OC-101	PADTON	05:05:00	05:12:00	2A07	00:07:00
OC-101	HTRWTM4	05:40:00	06:02:00	2A12	00:22:00
OC-101	PADTON	06:31:00	06:42:00	2A19	00:11:00
OC-101	HTRWTM4	07:10:00	07:32:00	2A26	00:22:00
OC-101	WSTBRNP	08:00:00	08:00:00	2A26	00:00:00
OC-101	ABWD	08:30:00	08:44:00	2A39	00:14:00
OC-101	WSTBRNP	09:13:30	09:13:30	2A39	00:00:00
OC-101	HTRWTM4	09:40:00	10:02:00	2A34	00:22:00
OC-101	WSTBRNP	10:30:00	10:30:00	2A34	00:00:00
OC-101	ABWD	11:02:00	11:14:00	2A43	00:12:00
OC-101	WSTBRNP	11:43:30	11:43:30	2A43	00:00:00
OC-101	HTRWTM4	12:10:00	12:32:00	2A54	00:22:00
OC-101	WSTBRNP	13:00:00	13:00:00	2A54	00:00:00
OC-101	ABWD	13:32:00	13:44:00	2A63	00:12:00
OC-101	WSTBRNP	14:13:30	14:13:30	2A63	00:00:00
OC-101	HTRWTM4	14:40:00	15:02:00	2A74	00:22:00
OC-101	WSTBRNP	15:30:00	15:30:00	2A74	00:00:00
OC-101	ABWD	16:02:00	16:14:00	2A83	00:12:00
OC-101	WSTBRNP	16:43:30	16:43:30	2A83	00:00:00
OC-101	HTRWTM4	17:10:00	17:32:00	2A94	00:22:00
OC-101	WSTBRNP	18:00:00	18:00:00	2A94	00:00:00
OC-101	ABWD	18:32:00	18:44:00	2A03	00:12:00
OC-101	WSTBRNP	19:13:30	19:13:30	2A03	00:00:00
OC-101	HTRWTM4	19:40:00	20:02:00	2A14	00:22:00
OC-101	WSTBRNP	20:30:00	20:30:00	2A14	00:00:00
OC-101	ABWD	21:02:00	21:14:00	2A23	00:12:00
OC-101	WSTBRNP	21:43:30	21:43:30	2A23	00:00:00
OC-101	HTRWTM4	22:10:00	22:32:00	2A34	00:22:00
OC-101	WSTBRNP	23:00:00	23:00:00	2A34	00:00:00
OC-101	ABWD	23:30:00	23:44:00	2A43	00:14:00
OC-101	WSTBRNP	00:13:30	00:13:30	2A43	00:00:00
OC-101	HAYESAH	00:30:00	00:37:00	5D43	00:07:00
OC-101	PADTON	00:50:30	00:57:30	5D43	00:07:00
OC-101	OLDOXRB	01:03:00	01:03:00	5D43	00:00:00
OC-101	OLDOXRW	01:11:00	01:11:00	5D43	00:00:00
OC-101	OLDOXRD	01:14:00			

Diagram OC-102

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-102	OLDOXRD			05:07:30 5A09	
OC-102	OLDOXRW	05:10:30	05:10:30	5A09	00:00:00
OC-102	OLDOXRB	05:15:00	05:15:00	5A09	00:00:00
OC-102	PADTON	05:20:00	05:27:00	2A09	00:07:00
OC-102	HTRWTM4	05:55:00	06:17:00	2A16	00:22:00
OC-102	PADTON	06:46:00	06:57:00	2A17	00:11:00
OC-102	HTRWTM4	07:25:00	07:47:00	2A28	00:22:00
OC-102	WSTBRNP	08:15:00	08:15:00	2A28	00:00:00
OC-102	ILFORD	08:43:30	08:44:00	2A28	00:00:30
OC-102	SHENFLD	09:08:30	09:17:00	2B39	00:08:30
OC-102	WSTBRNP	10:09:30	10:09:30	2B39	00:00:00
OC-102	MDNHEAD	10:42:00	10:57:30	2B44	00:15:30
OC-102	WSTBRNP	11:34:00	11:34:00	2B44	00:00:00
OC-102	ILFORD	12:02:30	12:03:00	2B44	00:00:30
OC-102	SHENFLD	12:27:30	12:39:30	2W67	00:12:00
OC-102	PADTONX	13:30:00	13:31:00	5D67	00:01:00
OC-102	WSTBRNP	13:32:00	13:32:00	5D67	00:00:00
OC-102	OLDOXRB	13:37:00	13:37:00	5D67	00:00:00
OC-102	OLDOXRW	13:45:00	13:45:00	5D67	00:00:00
OC-102	OLDOXRD	13:48:00	14:26:00	5T62	00:38:00
OC-102	OLDOXRW	14:29:00	14:29:00	5T62	00:00:00
OC-102	OLDOXRB	14:33:30	14:33:30	5T62	00:00:00
OC-102	WSTBRNP	14:37:30	14:37:30	5T62	00:00:00
OC-102	PADTONX	14:38:30	14:39:30	2T62	00:01:00
OC-102	ABWD	15:09:30	15:21:30	2T71	00:12:00
OC-102	PADTONX	15:49:00	15:50:00	5T71	00:01:00
OC-102	WSTBRNP	15:52:00	16:10:30	5W92	00:18:30
OC-102	PADTONX	16:12:30	16:13:30	2W92	00:01:00
OC-102	ILFORD	16:40:00	16:40:30	2W92	00:00:30
OC-102	SHENFLD	17:05:30	17:17:00	2B87	00:11:30
OC-102	WSTBRNP	18:09:30	18:09:30	2B87	00:00:00
OC-102	MDNHEAD	18:42:00	18:57:30	2B96	00:15:30
OC-102	WSTBRNP	19:34:00	19:34:00	2B96	00:00:00
OC-102	ILFORD	20:02:30	20:03:00	2B96	00:00:30
OC-102	SHENFLD	20:27:30	20:39:30	2W61	00:12:00
OC-102	PADTONX	21:30:00	21:31:00	5D61	00:01:00
OC-102	WSTBRNP	21:32:00	21:32:00	5D61	00:00:00
OC-102	OLDOXRB	21:36:30	21:36:30	5D61	00:00:00
OC-102	OLDOXRW	21:44:30	21:44:30	5D61	00:00:00
OC-102	OLDOXRD	21:47:30			

Diagram OC-103

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-103	OLDOXRD			05:22:30 5A11	
OC-103	OLDOXRW	05:25:30	05:25:30	5A11	00:00:00

OC-103	OLDOXRB	05:30:00	05:30:00	5A11	00:00:00
OC-103	PADTON	05:35:00	05:42:00	2A11	00:07:00
OC-103	HTRWTM4	06:10:00	06:32:00	2A14	00:22:00
OC-103	PADTON	07:01:00	07:12:00	2A23	00:11:00
OC-103	HTRWTM4	07:40:00	08:02:00	2A26	00:22:00
OC-103	WSTBRNP	08:30:00	08:30:00	2A26	00:00:00
OC-103	ABWD	09:00:00	09:14:00	2A41	00:14:00
OC-103	WSTBRNP	09:43:30	09:43:30	2A41	00:00:00
OC-103	HTRWTM4	10:10:00	10:32:00	2A38	00:22:00
OC-103	WSTBRNP	11:00:00	11:00:00	2A38	00:00:00
OC-103	ABWD	11:32:00	11:44:00	2A47	00:12:00
OC-103	WSTBRNP	12:13:30	12:13:30	2A47	00:00:00
OC-103	HTRWTM4	12:40:00	13:02:00	2A58	00:22:00
OC-103	WSTBRNP	13:30:00	13:30:00	2A58	00:00:00
OC-103	ABWD	14:02:00	14:14:00	2A67	00:12:00
OC-103	WSTBRNP	14:43:30	14:43:30	2A67	00:00:00
OC-103	HTRWTM4	15:10:00	15:32:00	2A78	00:22:00
OC-103	WSTBRNP	16:00:00	16:00:00	2A78	00:00:00
OC-103	ABWD	16:32:00	16:44:00	2A87	00:12:00
OC-103	WSTBRNP	17:13:30	17:13:30	2A87	00:00:00
OC-103	HTRWTM4	17:40:00	18:02:00	2A98	00:22:00
OC-103	WSTBRNP	18:30:00	18:30:00	2A98	00:00:00
OC-103	ABWD	19:02:00	19:14:00	2A07	00:12:00
OC-103	WSTBRNP	19:43:30	19:43:30	2A07	00:00:00
OC-103	HTRWTM4	20:10:00	20:32:00	2A18	00:22:00
OC-103	WSTBRNP	21:00:00	21:00:00	2A18	00:00:00
OC-103	ABWD	21:32:00	21:44:00	2A27	00:12:00
OC-103	WSTBRNP	22:13:30	22:13:30	2A27	00:00:00
OC-103	HTRWTM4	22:40:00	23:02:00	2A38	00:22:00
OC-103	WSTBRNP	23:30:00	23:30:00	2A38	00:00:00
OC-103	ABWD	00:00:30	00:07:00	5A38	00:06:30
OC-103	PLMSDXR	00:16:00			

Diagram OC-104		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-104	OLDOXRD			05:37:30 5A13	
OC-104	OLDOXRW	05:40:30	05:40:30	5A13	00:00:00
OC-104	OLDOXRB	05:45:00	05:45:00	5A13	00:00:00
OC-104	PADTON	05:50:00	05:57:00	2A13	00:07:00
OC-104	HTRWTM4	06:25:00	06:47:00	2A20	00:22:00
OC-104	PADTON	07:16:00	07:27:00	2A25	00:11:00
OC-104	HTRWTM4	07:55:00	08:17:00	2A32	00:22:00
OC-104	WSTBRNP	08:45:00	08:45:00	2A32	00:00:00
OC-104	ILFORD	09:13:30	09:14:00	2A32	00:00:30
OC-104	SHENFLD	09:38:30	09:46:00	2B33	00:07:30
OC-104	WSTBRNP	10:38:30	10:38:30	2B33	00:00:00

OC-104	MDNHEAD	11:11:00	11:27:30 2B42	00:16:30
OC-104	WSTBRNP	12:04:00	12:04:00 2B42	00:00:00
OC-104	ILFORD	12:32:30	12:33:00 2B42	00:00:30
OC-104	SHENFLD	12:57:30	13:09:30 2W71	00:12:00
OC-104	PADTONX	14:00:00	14:01:00 5D71	00:01:00
OC-104	WSTBRNP	14:02:00	14:02:00 5D71	00:00:00
OC-104	OLDOXRB	14:07:00	14:07:00 5D71	00:00:00
OC-104	OLDOXRW	14:15:00	14:15:00 5D71	00:00:00
OC-104	OLDOXRD	14:18:00	14:56:00 5T66	00:38:00
OC-104	OLDOXRW	14:59:00	14:59:00 5T66	00:00:00
OC-104	OLDOXRB	15:03:30	15:03:30 5T66	00:00:00
OC-104	WSTBRNP	15:07:30	15:07:30 5T66	00:00:00
OC-104	PADTONX	15:08:30	15:09:30 2T66	00:01:00
OC-104	ABWD	15:39:30	15:51:30 2T75	00:12:00
OC-104	PADTONX	16:19:00	16:20:00 5T75	00:01:00
OC-104	WSTBRNP	16:22:00	16:40:30 5W98	00:18:30
OC-104	PADTONX	16:42:30	16:43:30 2W98	00:01:00
OC-104	ILFORD	17:10:00	17:10:30 2W98	00:00:30
OC-104	SHENFLD	17:34:30	17:47:00 2B91	00:12:30
OC-104	WSTBRNP	18:39:30	18:39:30 2B91	00:00:00
OC-104	MDNHEAD	19:12:00	19:27:30 2B00	00:15:30
OC-104	WSTBRNP	20:04:00	20:04:00 2B00	00:00:00
OC-104	ILFORD	20:32:30	20:33:00 2B00	00:00:30
OC-104	SHENFLD	20:57:30	21:09:30 2P04	00:12:00
OC-104	PADTONX	22:00:00	22:01:00 5D04	00:01:00
OC-104	WSTBRNP	22:02:00	22:02:00 5D04	00:00:00
OC-104	OLDOXRB	22:06:30	22:06:30 5D04	00:00:00
OC-104	OLDOXRW	22:14:30	22:14:30 5D04	00:00:00
OC-104	OLDOXRD	22:17:30		

Diagram OC-105			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-105	OLDOXRD			05:52:30 5A15	
OC-105	OLDOXRW	05:55:30	05:55:30	5A15	00:00:00
OC-105	OLDOXRB	06:00:00	06:00:00	5A15	00:00:00
OC-105	PADTON	06:05:00	06:12:00	2A15	00:07:00
OC-105	HTRWTM4	06:40:00	07:02:00	2A22	00:22:00
OC-105	WSTBRNP	07:30:00	07:30:00	2A22	00:00:00
OC-105	ABWD	08:00:00	08:14:00	2A35	00:14:00
OC-105	WSTBRNP	08:43:30	08:43:30	2A35	00:00:00
OC-105	HTRWTM4	09:10:00	09:32:00	2A34	00:22:00
OC-105	WSTBRNP	10:00:00	10:00:00	2A34	00:00:00
OC-105	ABWD	10:30:00	10:44:00	2A39	00:14:00
OC-105	WSTBRNP	11:13:30	11:13:30	2A39	00:00:00
OC-105	HTRWTM4	11:40:00	12:02:00	2A50	00:22:00
OC-105	WSTBRNP	12:30:00	12:30:00	2A50	00:00:00

OC-105	ABWD	13:02:00	13:14:00 2A59	00:12:00
OC-105	WSTBRNP	13:43:30	13:43:30 2A59	00:00:00
OC-105	HTRWTM4	14:10:00	14:32:00 2A70	00:22:00
OC-105	WSTBRNP	15:00:00	15:00:00 2A70	00:00:00
OC-105	ABWD	15:32:00	15:44:00 2A79	00:12:00
OC-105	WSTBRNP	16:13:30	16:13:30 2A79	00:00:00
OC-105	HTRWTM4	16:40:00	17:02:00 2A90	00:22:00
OC-105	WSTBRNP	17:30:00	17:30:00 2A90	00:00:00
OC-105	ABWD	18:02:00	18:14:00 2A99	00:12:00
OC-105	WSTBRNP	18:43:30	18:43:30 2A99	00:00:00
OC-105	HTRWTM4	19:10:00	19:32:00 2A10	00:22:00
OC-105	WSTBRNP	20:00:00	20:00:00 2A10	00:00:00
OC-105	ABWD	20:32:00	20:44:00 2A19	00:12:00
OC-105	WSTBRNP	21:13:30	21:13:30 2A19	00:00:00
OC-105	HTRWTM4	21:40:00	22:02:00 2A30	00:22:00
OC-105	WSTBRNP	22:30:00	22:30:00 2A30	00:00:00
OC-105	ABWD	23:00:00	23:14:00 2A39	00:14:00
OC-105	WSTBRNP	23:43:30	23:43:30 2A39	00:00:00
OC-105	HAYESAH	23:59:30	00:07:00 5D39	00:07:30
OC-105	OLDOECL	00:21:30	00:28:30 5D39	00:07:00
OC-105	OLDOXRD	00:37:30		

Diagram OC-106		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-106	OLDOXRD			06:07:30 5A17	
OC-106	OLDOXRW	06:10:30	06:10:30	5A17	00:00:00
OC-106	OLDOXRB	06:15:00	06:15:00	5A17	00:00:00
OC-106	PADTON	06:20:00	06:27:00	2A17	00:07:00
OC-106	HTRWTM4	06:55:00	07:17:00	2A24	00:22:00
OC-106	WSTBRNP	07:45:00	07:45:00	2A24	00:00:00
OC-106	ILFORD	08:13:30	08:14:00	2A24	00:00:30
OC-106	SHENFLD	08:38:30	08:46:00	2B35	00:07:30
OC-106	WSTBRNP	09:38:30	09:38:30	2B35	00:00:00
OC-106	MDNHEAD	10:11:00	10:27:30	2B40	00:16:30
OC-106	WSTBRNP	11:04:00	11:04:00	2B40	00:00:00
OC-106	ILFORD	11:32:30	11:33:00	2B40	00:00:30
OC-106	SHENFLD	11:57:30	12:09:30	2W63	00:12:00
OC-106	PADTONX	13:00:00	13:01:00	5D63	00:01:00
OC-106	WSTBRNP	13:02:00	13:02:00	5D63	00:00:00
OC-106	OLDOXRB	13:08:00	13:08:00	5D63	00:00:00
OC-106	OLDOXRW	13:16:00	13:16:00	5D63	00:00:00
OC-106	OLDOXRD	13:19:00	13:56:00	5T58	00:37:00
OC-106	OLDOXRW	13:59:00	13:59:00	5T58	00:00:00
OC-106	OLDOXRB	14:03:30	14:03:30	5T58	00:00:00
OC-106	WSTBRNP	14:07:30	14:07:30	5T58	00:00:00
OC-106	PADTONX	14:08:30	14:09:30	2T58	00:01:00



OC-106	ABWD	14:39:30	14:51:30	2T67	00:12:00
OC-106	PADTONX	15:19:00	15:20:00	5T67	00:01:00
OC-106	WSTBRNP	15:22:00	15:40:30	5W86	00:18:30
OC-106	PADTONX	15:42:30	15:43:30	2W86	00:01:00
OC-106	ILFORD	16:10:00	16:10:30	2W86	00:00:30
OC-106	SHENFLD	16:35:00	16:47:00	2B83	00:12:00
OC-106	WSTBRNP	17:39:30	17:39:30	2B83	00:00:00
OC-106	MDNHEAD	18:12:00	18:27:30	2B92	00:15:30
OC-106	WSTBRNP	19:04:00	19:04:00	2B92	00:00:00
OC-106	ILFORD	19:32:30	19:33:00	2B92	00:00:30
OC-106	SHENFLD	19:57:30	20:09:30	2W57	00:12:00
OC-106	PADTONX	21:00:00	21:01:00	5D57	00:01:00
OC-106	WSTBRNP	21:02:00	21:02:00	5D57	00:00:00
OC-106	OLDOXRB	21:07:00	21:07:00	5D57	00:00:00
OC-106	OLDOXRW	21:15:00	21:15:00	5D57	00:00:00
OC-106	OLDOXRD	21:18:00			

Diagram OC-107		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-107	ILFEMUD		06:40:30	5A27	
OC-107	SHENFLD	06:59:00	07:06:00	2A27	00:07:00
OC-107	WSTBRNP	07:58:30	07:58:30	2A27	00:00:00
OC-107	HTRWTM4	08:25:00	08:47:00	2A36	00:22:00
OC-107	WSTBRNP	09:15:00	09:15:00	2A36	00:00:00
OC-107	ILFORD	09:43:30	09:44:00	2A36	00:00:30
OC-107	SHENFLD	10:08:30	10:17:00	2B37	00:08:30
OC-107	WSTBRNP	11:09:30	11:09:30	2B37	00:00:00
OC-107	MDNHEAD	11:42:00	11:57:30	2B46	00:15:30
OC-107	WSTBRNP	12:34:00	12:34:00	2B46	00:00:00
OC-107	ILFORD	13:02:30	13:03:00	2B46	00:00:30
OC-107	SHENFLD	13:27:30	13:39:30	2W75	00:12:00
OC-107	PADTONX	14:30:00	14:31:00	5D75	00:01:00
OC-107	WSTBRNP	14:32:00	14:32:00	5D75	00:00:00
OC-107	OLDOXRB	14:38:00	14:38:00	5D75	00:00:00
OC-107	OLDOXRW	14:46:00	14:46:00	5D75	00:00:00
OC-107	OLDOXRD	14:49:00	15:26:00	5T70	00:37:00
OC-107	OLDOXRW	15:29:00	15:29:00	5T70	00:00:00
OC-107	OLDOXRB	15:33:30	15:33:30	5T70	00:00:00
OC-107	WSTBRNP	15:37:30	15:37:30	5T70	00:00:00
OC-107	PADTONX	15:38:30	15:39:30	2T70	00:01:00
OC-107	ABWD	16:09:30	16:21:30	2T79	00:12:00
OC-107	PADTONX	16:49:00	16:50:00	5T79	00:01:00
OC-107	WSTBRNP	16:52:00	17:10:30	5W10	00:18:30
OC-107	PADTONX	17:12:30	17:13:30	2W10	00:01:00
OC-107	ILFORD	17:40:00	17:40:30	2W10	00:00:30
OC-107	SHENFLD	18:05:00	18:17:00	2B95	00:12:00



OC-107	WSTBRNP	19:09:30	19:09:30 2B95	00:00:00
OC-107	MDNHEAD	19:42:00	19:57:30 2B04	00:15:30
OC-107	WSTBRNP	20:34:00	20:34:00 2B04	00:00:00
OC-107	ILFORD	21:02:30	21:03:00 2B04	00:00:30
OC-107	SHENFLD	21:26:30	21:36:00 2A29	00:09:30
OC-107	WSTBRNP	22:28:30	22:28:30 2A29	00:00:00
OC-107	HTRWTM4	22:55:00	23:17:00 2A40	00:22:00
OC-107	WSTBRNP	23:45:00	23:45:00 2A40	00:00:00
OC-107	ILFORD	00:13:30	00:14:00 2A40	00:00:30
OC-107	SHENFLD	00:36:30	00:43:30 5A40	00:07:00
OC-107	GIDEPKS	00:53:00		

Diagram OC-108		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-108	PLMSDXR		07:27:30	5A31	
OC-108	ABWD	07:37:00	07:44:00	2A31	00:07:00
OC-108	WSTBRNP	08:13:30	08:13:30	2A31	00:00:00
OC-108	HTRWTM4	08:40:00	09:02:00	2A30	00:22:00
OC-108	WSTBRNP	09:30:00	09:30:00	2A30	00:00:00
OC-108	ABWD	10:00:00	10:14:00	2A35	00:14:00
OC-108	WSTBRNP	10:43:30	10:43:30	2A35	00:00:00
OC-108	HTRWTM4	11:10:00	11:32:00	2A46	00:22:00
OC-108	WSTBRNP	12:00:00	12:00:00	2A46	00:00:00
OC-108	ABWD	12:32:00	12:44:00	2A55	00:12:00
OC-108	WSTBRNP	13:13:30	13:13:30	2A55	00:00:00
OC-108	HTRWTM4	13:40:00	14:02:00	2A66	00:22:00
OC-108	WSTBRNP	14:30:00	14:30:00	2A66	00:00:00
OC-108	ABWD	15:02:00	15:14:00	2A75	00:12:00
OC-108	WSTBRNP	15:43:30	15:43:30	2A75	00:00:00
OC-108	HTRWTM4	16:10:00	16:32:00	2A86	00:22:00
OC-108	WSTBRNP	17:00:00	17:00:00	2A86	00:00:00
OC-108	ABWD	17:32:00	17:44:00	2A95	00:12:00
OC-108	WSTBRNP	18:13:30	18:13:30	2A95	00:00:00
OC-108	HTRWTM4	18:40:00	19:02:00	2A06	00:22:00
OC-108	WSTBRNP	19:30:00	19:30:00	2A06	00:00:00
OC-108	ABWD	20:02:00	20:14:00	2A15	00:12:00
OC-108	WSTBRNP	20:43:30	20:43:30	2A15	00:00:00
OC-108	HTRWTM4	21:10:00	21:32:00	2A26	00:22:00
OC-108	WSTBRNP	22:00:00	22:00:00	2A26	00:00:00
OC-108	ABWD	22:30:00	22:44:00	2A35	00:14:00
OC-108	WSTBRNP	23:13:30	23:13:30	2A35	00:00:00
OC-108	HTRWTM4	23:40:00	00:02:00	2A46	00:22:00
OC-108	PADTON	00:31:30	00:41:00	5D46	00:09:30
OC-108	OLDOXRB	00:47:00	00:47:00	5D46	00:00:00
OC-108	OLDOXRW	00:55:00	00:55:00	5D46	00:00:00
OC-108	OLDOXRD	00:58:00			

Diagram OC-109			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-109	SHENFDS		11:03:00	5A43	
OC-109	SHENFLD	11:05:00	11:06:00	2A43	00:01:00
OC-109	WSTBRNP	11:58:30	11:58:30	2A43	00:00:00
OC-109	HTRWTM4	12:25:00	12:47:00	2A56	00:22:00
OC-109	WSTBRNP	13:15:00	13:15:00	2A56	00:00:00
OC-109	ABWD	13:47:00	13:59:00	2A65	00:12:00
OC-109	WSTBRNP	14:28:30	14:28:30	2A65	00:00:00
OC-109	HTRWTM4	14:55:00	15:17:00	2A76	00:22:00
OC-109	WSTBRNP	15:45:00	15:45:00	2A76	00:00:00
OC-109	ABWD	16:17:00	16:29:00	2A85	00:12:00
OC-109	WSTBRNP	16:58:30	16:58:30	2A85	00:00:00
OC-109	HTRWTM4	17:25:00	17:47:00	2A96	00:22:00
OC-109	WSTBRNP	18:15:00	18:15:00	2A96	00:00:00
OC-109	ABWD	18:47:00	18:59:00	2A05	00:12:00
OC-109	WSTBRNP	19:28:30	19:28:30	2A05	00:00:00
OC-109	HTRWTM4	19:55:00	20:17:00	2A16	00:22:00
OC-109	WSTBRNP	20:45:00	20:45:00	2A16	00:00:00
OC-109	ABWD	21:17:00	21:29:00	2A25	00:12:00
OC-109	WSTBRNP	21:58:30	21:58:30	2A25	00:00:00
OC-109	HTRWTM4	22:25:00	22:47:00	2A36	00:22:00
OC-109	WSTBRNP	23:15:00	23:15:00	2A36	00:00:00
OC-109	ILFORD	23:43:30	23:44:00	2A36	00:00:30
OC-109	SHENFLD	00:08:30	00:09:00	5A36	00:00:30
OC-109	SHENFDS	00:11:00			

Diagram OC-110			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-110	OLDOXR		06:29:30	5B05	
OC-110	OLDOXRW	06:32:30	06:32:30	5B05	00:00:00
OC-110	OLDOXRB	06:37:00	06:37:00	5B05	00:00:00
OC-110	PADTON	06:42:00	06:53:00	2B05	00:11:00
OC-110	MDNHEAD	07:30:00	07:45:00	2B24	00:15:00
OC-110	WSTBRNP	08:19:00	08:19:00	2B24	00:00:00
OC-110	ABWD	08:50:00	09:04:00	2T19	00:14:00
OC-110	PADTONX	09:31:30	09:32:30	5T19	00:01:00
OC-110	WSTBRNP	09:34:30	09:54:00	5W34	00:19:30
OC-110	PADTONX	09:56:00	09:57:00	2W34	00:01:00
OC-110	ILFORD	10:23:30	10:24:00	2W34	00:00:30
OC-110	SHENFLD	10:48:30	10:56:00	2B47	00:07:30
OC-110	PADTONX	11:46:30	11:47:00	5B47	00:00:30
OC-110	WSTBRNP	11:49:00	11:55:30	5W56	00:06:30
OC-110	PADTONX	11:57:30	11:58:30	2W56	00:01:00
OC-110	ILFORD	12:25:00	12:25:30	2W56	00:00:30

OC-110	SHENFLD	12:50:00	13:02:00	2B51	00:12:00
OC-110	WSTBRNP	13:54:30	13:54:30	2B51	00:00:00
OC-110	MDNHEAD	14:30:00	14:45:00	2B62	00:15:00
OC-110	WSTBRNP	15:19:00	15:19:00	2B62	00:00:00
OC-110	ILFORD	15:47:30	15:48:00	2B62	00:00:30
OC-110	SHENFLD	16:12:30	16:24:30	2W07	00:12:00
OC-110	PADTONX	17:15:00	17:16:00	5W07	00:01:00
OC-110	WSTBRNP	17:18:00	17:25:30	5W16	00:07:30
OC-110	PADTONX	17:27:30	17:28:30	2W16	00:01:00
OC-110	ILFORD	17:55:00	17:55:30	2W16	00:00:30
OC-110	SHENFLD	18:20:00	18:32:00	2B97	00:12:00
OC-110	WSTBRNP	19:24:30	19:24:30	2B97	00:00:00
OC-110	MDNHEAD	20:00:00	20:15:00	2B06	00:15:00
OC-110	WSTBRNP	20:49:00	20:49:00	2B06	00:00:00
OC-110	ILFORD	21:17:30	21:18:00	2B06	00:00:30
OC-110	SHENFLD	21:40:30	21:41:30	5B06	00:01:00
OC-110	SHENFDS	21:43:30			

Diagram OC-111		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-111	MDNHDRS			06:54:30	5B12
OC-111	MDNHEAD	06:56:30	06:57:30	2B12	00:01:00
OC-111	WSTBRNP	07:34:00	07:34:00	2B12	00:00:00
OC-111	ILFORD	08:02:30	08:03:00	2B12	00:00:30
OC-111	SHENFLD	08:28:30	08:36:00	2A33	00:07:30
OC-111	WSTBRNP	09:28:30	09:28:30	2A33	00:00:00
OC-111	HTRWTM4	09:55:00	10:17:00	2A48	00:22:00
OC-111	WSTBRNP	10:45:00	10:45:00	2A48	00:00:00
OC-111	ILFORD	11:13:30	11:14:00	2A48	00:00:30
OC-111	SHENFLD	11:36:30	11:47:00	2B41	00:10:30
OC-111	WSTBRNP	12:39:30	12:39:30	2B41	00:00:00
OC-111	MDNHEAD	13:12:00	13:27:30	2B52	00:15:30
OC-111	WSTBRNP	14:04:00	14:04:00	2B52	00:00:00
OC-111	ILFORD	14:32:30	14:33:00	2B52	00:00:30
OC-111	SHENFLD	14:57:30	15:09:30	2W87	00:12:00
OC-111	PADTONX	16:00:00	16:01:00	5D87	00:01:00
OC-111	WSTBRNP	16:02:00	16:02:00	5D87	00:00:00
OC-111	OLDOXRB	16:07:00	16:07:00	5D87	00:00:00
OC-111	OLDOXRW	16:15:00	16:15:00	5D87	00:00:00
OC-111	OLDOXRD	16:18:00	16:56:00	5T86	00:38:00
OC-111	OLDOXRW	16:59:00	16:59:00	5T86	00:00:00
OC-111	OLDOXRB	17:03:30	17:03:30	5T86	00:00:00
OC-111	WSTBRNP	17:07:30	17:07:30	5T86	00:00:00
OC-111	PADTONX	17:08:30	17:09:30	2T86	00:01:00
OC-111	ABWD	17:39:30	17:51:30	2T91	00:12:00
OC-111	PADTONX	18:19:00	18:20:00	5T91	00:01:00

OC-111	WSTBRNP	18:22:00	18:40:30	5W40	00:18:30
OC-111	PADTONX	18:42:30	18:43:30	2W40	00:01:00
OC-111	ILFORD	19:10:00	19:10:30	2W40	00:00:30
OC-111	SHENFLD	19:35:00	19:47:00	2B07	00:12:00
OC-111	WSTBRNP	20:39:30	20:39:30	2B07	00:00:00
OC-111	MDNHEAD	21:12:00	21:27:30	2B16	00:15:30
OC-111	WSTBRNP	22:04:00	22:04:00	2B16	00:00:00
OC-111	ILFORD	22:32:30	22:33:00	2B16	00:00:30
OC-111	SHENFLD	22:55:30	23:06:00	2A41	00:10:30
OC-111	WSTBRNP	23:58:30	23:58:30	2A41	00:00:00
OC-111	HAYESAH	00:15:00	00:23:00	5D41	00:08:00
OC-111	PADTON	00:36:30	00:43:30	5D41	00:07:00
OC-111	OLDOXRB	00:49:00	00:49:00	5D41	00:00:00
OC-111	OLDOXRW	00:57:00	00:57:00	5D41	00:00:00
OC-111	OLDOXRD	01:00:00			

Diagram OC-112		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-112	PLMSDXR		07:37:30	5B15	
OC-112	ABWD	07:47:00	07:54:00	2B29	00:07:00
OC-112	WSTBRNP	08:24:30	08:24:30	2B29	00:00:00
OC-112	MDNHEAD	09:00:00	09:15:00	2B36	00:15:00
OC-112	WSTBRNP	09:49:00	09:49:00	2B36	00:00:00
OC-112	ABWD	10:20:00	10:36:30	2T33	00:16:30
OC-112	PADTONX	11:04:00	11:05:00	5T33	00:01:00
OC-112	WSTBRNP	11:07:00	11:21:30	5T36	00:14:30
OC-112	PADTONX	11:23:30	11:24:30	2T36	00:01:00
OC-112	ABWD	11:54:30	12:06:30	2T45	00:12:00
OC-112	PADTONX	12:34:00	12:35:00	5T45	00:01:00
OC-112	WSTBRNP	12:37:00	12:51:30	5T48	00:14:30
OC-112	PADTONX	12:53:30	12:54:30	2T48	00:01:00
OC-112	ABWD	13:24:30	13:36:30	2T57	00:12:00
OC-112	PADTONX	14:04:00	14:05:00	5T57	00:01:00
OC-112	WSTBRNP	14:07:00	14:21:30	5T60	00:14:30
OC-112	PADTONX	14:23:30	14:24:30	2T60	00:01:00
OC-112	ABWD	14:54:30	15:06:30	2T69	00:12:00
OC-112	PADTONX	15:34:00	15:35:00	5T69	00:01:00
OC-112	WSTBRNP	15:37:00	15:51:30	5T72	00:14:30
OC-112	PADTONX	15:53:30	15:54:30	2T72	00:01:00
OC-112	ABWD	16:24:30	16:36:30	2T81	00:12:00
OC-112	PADTONX	17:04:00	17:05:00	5T81	00:01:00
OC-112	WSTBRNP	17:07:00	17:21:30	5T88	00:14:30
OC-112	PADTONX	17:23:30	17:24:30	2T88	00:01:00
OC-112	ABWD	17:54:30	18:06:30	2T93	00:12:00
OC-112	PADTONX	18:34:00	18:35:00	5T93	00:01:00
OC-112	WSTBRNP	18:37:00	18:51:30	5T02	00:14:30

OC-112	PADTONX	18:53:30	18:54:30	2T02	00:01:00
OC-112	ABWD	19:24:30	19:36:30	2T05	00:12:00
OC-112	PADTONX	20:04:00	20:05:00	5T05	00:01:00
OC-112	WSTBRNP	20:07:00	20:21:30	5T14	00:14:30
OC-112	PADTONX	20:23:30	20:24:30	2T14	00:01:00
OC-112	ABWD	20:54:30	21:06:30	2T61	00:12:00
OC-112	PADTONX	21:34:00	21:35:00	5T61	00:01:00
OC-112	WSTBRNP	21:37:00	21:51:30	5T26	00:14:30
OC-112	PADTONX	21:53:30	21:54:30	2T26	00:01:00
OC-112	ABWD	22:22:30	22:34:00	2T15	00:11:30
OC-112	PADTONX	23:01:30	23:02:30	5T15	00:01:00
OC-112	WSTBRNP	23:04:30	23:24:00	5W72	00:19:30
OC-112	PADTONX	23:26:00	23:27:00	2W72	00:01:00
OC-112	ILFORD	23:53:30	23:54:00	2W72	00:00:30
OC-112	SHENFLD	00:16:30	00:23:30	5W68	00:07:00
OC-112	GIDEPKS	00:33:00			

## Diagram OC-113

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-113	MDNHDRS			07:12:00	5B16
OC-113	MDNHEAD	07:14:00	07:15:00	2B16	00:01:00
OC-113	WSTBRNP	07:49:00	07:49:00	2B16	00:00:00
OC-113	ABWD	08:20:00	08:34:00	2T15	00:14:00
OC-113	PADTONX	09:01:30	09:02:30	5T29	00:01:00
OC-113	WSTBRNP	09:04:30	09:24:00	5W46	00:19:30
OC-113	PADTONX	09:26:00	09:27:00	2W46	00:01:00
OC-113	ILFORD	09:53:30	09:54:00	2W46	00:00:30
OC-113	SHENFLD	10:19:30	10:26:00	2B43	00:06:30
OC-113	PADTONX	11:16:30	11:17:00	5B43	00:00:30
OC-113	WSTBRNP	11:19:00	11:36:30	5T38	00:17:30
OC-113	PADTONX	11:38:30	11:39:30	2T38	00:01:00
OC-113	ABWD	12:09:30	12:21:30	2T47	00:12:00
OC-113	PADTONX	12:49:00	12:50:00	5T47	00:01:00
OC-113	WSTBRNP	12:52:00	13:10:30	5W66	00:18:30
OC-113	PADTONX	13:12:30	13:13:30	2W66	00:01:00
OC-113	ILFORD	13:40:00	13:40:30	2W66	00:00:30
OC-113	SHENFLD	14:05:00	14:17:00	2B61	00:12:00
OC-113	WSTBRNP	15:09:30	15:09:30	2B61	00:00:00
OC-113	MDNHEAD	15:42:00	15:57:30	2B72	00:15:30
OC-113	WSTBRNP	16:34:00	16:34:00	2B72	00:00:00
OC-113	ILFORD	17:02:30	17:03:00	2B72	00:00:30
OC-113	SHENFLD	17:27:30	17:39:30	2W35	00:12:00
OC-113	PADTONX	18:30:00	18:31:00	5D35	00:01:00
OC-113	WSTBRNP	18:32:00	18:32:00	5D35	00:00:00
OC-113	OLDOXRB	18:36:30	18:36:30	5D35	00:00:00
OC-113	OLDOXRW	18:44:30	18:44:30	5D35	00:00:00
OC-113	OLDOXRD	18:47:30	19:26:00	5T08	00:38:30

OC-113	OLDOXRW	19:29:00	19:29:00 5T08	00:00:00
OC-113	OLDOXRB	19:33:30	19:33:30 5T08	00:00:00
OC-113	WSTBRNP	19:37:30	19:37:30 5T08	00:00:00
OC-113	PADTONX	19:38:30	19:39:30 2T08	00:01:00
OC-113	ABWD	20:09:30	20:21:30 2T55	00:12:00
OC-113	PADTONX	20:49:00	20:50:00 5T55	00:01:00
OC-113	WSTBRNP	20:52:00	21:10:30 5W60	00:18:30
OC-113	PADTONX	21:12:30	21:13:30 2W60	00:01:00
OC-113	ILFORD	21:40:00	21:40:30 2W60	00:00:30
OC-113	SHENFLD	22:03:00	22:16:00 2B27	00:13:00
OC-113	WSTBRNP	23:09:30	23:09:30 2B27	00:00:00
OC-113	MDNHEAD	23:42:00	23:43:00 5B27	00:01:00
OC-113	MDNHDRS	23:45:00		

## Diagram OC-114

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-114	MDNHDRS			07:24:30 5B20	
OC-114	MDNHEAD	07:26:30	07:27:30 2B20		00:01:00
OC-114	WSTBRNP	08:04:00	08:04:00 2B20		00:00:00
OC-114	ILFORD	08:32:30	08:33:00 2B20		00:00:30
OC-114	SHENFLD	08:58:30	09:06:00 2A35		00:07:30
OC-114	WSTBRNP	09:58:30	09:58:30 2A35		00:00:00
OC-114	HTRWTM4	10:25:00	10:47:00 2A40		00:22:00
OC-114	WSTBRNP	11:15:00	11:15:00 2A40		00:00:00
OC-114	ABWD	11:47:00	11:59:00 2A49		00:12:00
OC-114	WSTBRNP	12:28:30	12:28:30 2A49		00:00:00
OC-114	HTRWTM4	12:55:00	13:17:00 2A60		00:22:00
OC-114	WSTBRNP	13:45:00	13:45:00 2A60		00:00:00
OC-114	ABWD	14:17:00	14:29:00 2A69		00:12:00
OC-114	WSTBRNP	14:58:30	14:58:30 2A69		00:00:00
OC-114	HTRWTM4	15:25:00	15:47:00 2A80		00:22:00
OC-114	WSTBRNP	16:15:00	16:15:00 2A80		00:00:00
OC-114	ABWD	16:47:00	16:59:00 2A89		00:12:00
OC-114	WSTBRNP	17:28:30	17:28:30 2A89		00:00:00
OC-114	HTRWTM4	17:55:00	18:17:00 2A00		00:22:00
OC-114	WSTBRNP	18:45:00	18:45:00 2A00		00:00:00
OC-114	ABWD	19:17:00	19:29:00 2A09		00:12:00
OC-114	WSTBRNP	19:58:30	19:58:30 2A09		00:00:00
OC-114	HTRWTM4	20:25:00	20:47:00 2A20		00:22:00
OC-114	WSTBRNP	21:15:00	21:15:00 2A20		00:00:00
OC-114	ABWD	21:45:00	21:54:00 2B21		00:09:00
OC-114	WSTBRNP	22:24:30	22:24:30 2B21		00:00:00
OC-114	MDNHEAD	23:00:00	23:15:00 2B26		00:15:00
OC-114	WSTBRNP	23:49:00	23:49:00 2B26		00:00:00
OC-114	ABWD	00:20:00	00:27:00 5B26		00:07:00
OC-114	PLMSDXR	00:36:00			

Diagram OC-115			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-115	MDNHDRS			07:39:30 5B24	
OC-115	MDNHEAD	07:41:30	07:57:30	2B26	00:16:00
OC-115	WSTBRNP	08:34:00	08:34:00	2B26	00:00:00
OC-115	ILFORD	09:02:30	09:03:00	2B26	00:00:30
OC-115	SHENFLD	09:28:30	09:36:00	2A37	00:07:30
OC-115	WSTBRNP	10:28:30	10:28:30	2A37	00:00:00
OC-115	HTRWTM4	10:55:00	11:17:00	2A44	00:22:00
OC-115	WSTBRNP	11:45:00	11:45:00	2A44	00:00:00
OC-115	ABWD	12:17:00	12:29:00	2A53	00:12:00
OC-115	WSTBRNP	12:58:30	12:58:30	2A53	00:00:00
OC-115	HTRWTM4	13:25:00	13:47:00	2A64	00:22:00
OC-115	WSTBRNP	14:15:00	14:15:00	2A64	00:00:00
OC-115	ABWD	14:47:00	14:59:00	2A73	00:12:00
OC-115	WSTBRNP	15:28:30	15:28:30	2A73	00:00:00
OC-115	HTRWTM4	15:55:00	16:17:00	2A84	00:22:00
OC-115	WSTBRNP	16:45:00	16:45:00	2A84	00:00:00
OC-115	ABWD	17:17:00	17:29:00	2A93	00:12:00
OC-115	WSTBRNP	17:58:30	17:58:30	2A93	00:00:00
OC-115	HTRWTM4	18:25:00	18:47:00	2A04	00:22:00
OC-115	WSTBRNP	19:15:00	19:15:00	2A04	00:00:00
OC-115	ABWD	19:47:00	19:59:00	2A13	00:12:00
OC-115	WSTBRNP	20:28:30	20:28:30	2A13	00:00:00
OC-115	HTRWTM4	20:55:00	21:17:00	2A24	00:22:00
OC-115	WSTBRNP	21:45:00	21:45:00	2A24	00:00:00
OC-115	ABWD	22:15:00	22:24:00	2B25	00:09:00
OC-115	WSTBRNP	22:54:30	22:54:30	2B25	00:00:00
OC-115	MDNHEAD	23:30:00	23:31:00	5B25	00:01:00
OC-115	MDNHDRS	23:33:00			

Diagram OC-116			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-116	PLMSDXR			07:07:30 5B25	
OC-116	ABWD	07:17:00	07:24:00	2B25	00:07:00
OC-116	WSTBRNP	07:54:30	07:54:30	2B25	00:00:00
OC-116	MDNHEAD	08:30:00	08:45:00	2B32	00:15:00
OC-116	WSTBRNP	09:19:00	09:19:00	2B32	00:00:00
OC-116	ABWD	09:50:00	10:04:00	2T23	00:14:00
OC-116	PADTONX	10:31:30	10:32:30	5T23	00:01:00
OC-116	WSTBRNP	10:34:30	10:54:00	5W38	00:19:30
OC-116	PADTONX	10:56:00	10:57:00	2W38	00:01:00
OC-116	ILFORD	11:23:30	11:24:00	2W38	00:00:30
OC-116	SHENFLD	11:46:30	11:54:30	2W61	00:08:00
OC-116	PADTONX	12:45:00	12:46:00	5W61	00:01:00



OC-116	WSTBRNP	12:48:00	12:55:30	5W64	00:07:30
OC-116	PADTONX	12:57:30	12:58:30	2W64	00:01:00
OC-116	ILFORD	13:25:00	13:25:30	2W64	00:00:30
OC-116	SHENFLD	13:50:00	14:02:00	2B59	00:12:00
OC-116	WSTBRNP	14:54:30	14:54:30	2B59	00:00:00
OC-116	MDNHEAD	15:30:00	15:45:00	2B70	00:15:00
OC-116	WSTBRNP	16:19:00	16:19:00	2B70	00:00:00
OC-116	ILFORD	16:48:00	16:48:30	2B70	00:00:30
OC-116	SHENFLD	17:12:30	17:24:30	2W31	00:12:00
OC-116	PADTONX	18:15:00	18:16:00	5W31	00:01:00
OC-116	WSTBRNP	18:18:00	18:25:30	5W36	00:07:30
OC-116	PADTONX	18:27:30	18:28:30	2W36	00:01:00
OC-116	ILFORD	18:55:00	18:55:30	2W36	00:00:30
OC-116	SHENFLD	19:20:00	19:32:00	2B05	00:12:00
OC-116	WSTBRNP	20:24:30	20:24:30	2B05	00:00:00
OC-116	MDNHEAD	21:00:00	21:15:00	2B14	00:15:00
OC-116	WSTBRNP	21:49:00	21:49:00	2B14	00:00:00
OC-116	ILFORD	22:17:30	22:18:00	2B14	00:00:30
OC-116	SHENFLD	22:40:30	22:52:30	5B14	00:12:00
OC-116	ILFEMUD	23:21:30			

## Diagram OC-117

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-117	PLMSDXR			06:37:30	5B29
OC-117	ABWD	06:47:00	06:54:00	2B29	00:07:00
OC-117	WSTBRNP	07:24:30	07:24:30	2B29	00:00:00
OC-117	MDNHEAD	08:00:00	08:15:00	2B28	00:15:00
OC-117	WSTBRNP	08:49:00	08:49:00	2B28	00:00:00
OC-117	ABWD	09:20:00	09:34:00	2T19	00:14:00
OC-117	PADTONX	10:01:30	10:02:30	5T19	00:01:00
OC-117	WSTBRNP	10:04:30	10:24:00	5W50	00:19:30
OC-117	PADTONX	10:26:00	10:27:00	2W50	00:01:00
OC-117	ILFORD	10:53:30	10:54:00	2W50	00:00:30
OC-117	SHENFLD	11:16:30	11:24:30	2W57	00:08:00
OC-117	PADTONX	12:15:00	12:16:00	5W57	00:01:00
OC-117	WSTBRNP	12:18:00	12:25:30	5W60	00:07:30
OC-117	PADTONX	12:27:30	12:28:30	2W60	00:01:00
OC-117	ILFORD	12:55:00	12:55:30	2W60	00:00:30
OC-117	SHENFLD	13:20:00	13:32:00	2B55	00:12:00
OC-117	WSTBRNP	14:24:30	14:24:30	2B55	00:00:00
OC-117	MDNHEAD	15:00:00	15:15:00	2B66	00:15:00
OC-117	WSTBRNP	15:49:00	15:49:00	2B66	00:00:00
OC-117	ILFORD	16:17:30	16:18:00	2B66	00:00:30
OC-117	SHENFLD	16:42:30	16:54:30	2W19	00:12:00
OC-117	PADTONX	17:45:00	17:46:00	5W19	00:01:00
OC-117	WSTBRNP	17:48:00	17:55:30	5W28	00:07:30

OC-117	PADTONX	17:57:30	17:58:30 2W28	00:01:00
OC-117	ILFORD	18:25:00	18:25:30 2W28	00:00:30
OC-117	SHENFLD	18:49:30	19:02:00 2B01	00:12:30
OC-117	WSTBRNP	19:54:30	19:54:30 2B01	00:00:00
OC-117	MDNHEAD	20:30:00	20:45:00 2B10	00:15:00
OC-117	WSTBRNP	21:19:00	21:19:00 2B10	00:00:00
OC-117	ILFORD	21:47:30	21:48:00 2B10	00:00:30
OC-117	SHENFLD	22:10:30	22:36:00 2A37	00:25:30
OC-117	WSTBRNP	23:28:30	23:28:30 2A37	00:00:00
OC-117	HTRWTM4	23:55:00	00:17:00 5D37	00:22:00
OC-117	OLDOECL	00:42:00	00:49:00 5D37	00:07:00
OC-117	OLDOXRD	01:01:00		

Diagram OC-118

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-118	ILFEMUD		06:20:30	5B33	
OC-118	SHENFLD	06:39:00	06:46:00	2B33	00:07:00
OC-118	WSTBRNP	07:38:30	07:38:30	2B33	00:00:00
OC-118	MDNHEAD	08:11:00	08:27:30	2B36	00:16:30
OC-118	WSTBRNP	09:04:00	09:04:00	2B36	00:00:00
OC-118	ILFORD	09:32:30	09:33:00	2B36	00:00:30
OC-118	SHENFLD	09:58:30	10:06:00	2A39	00:07:30
OC-118	WSTBRNP	10:58:30	10:58:30	2A39	00:00:00
OC-118	HTRWTM4	11:25:00	11:47:00	2A48	00:22:00
OC-118	WSTBRNP	12:15:00	12:15:00	2A48	00:00:00
OC-118	ABWD	12:47:00	12:59:00	2A57	00:12:00
OC-118	WSTBRNP	13:28:30	13:28:30	2A57	00:00:00
OC-118	HTRWTM4	13:55:00	14:17:00	2A68	00:22:00
OC-118	WSTBRNP	14:45:00	14:45:00	2A68	00:00:00
OC-118	ABWD	15:17:00	15:29:00	2A77	00:12:00
OC-118	WSTBRNP	15:58:30	15:58:30	2A77	00:00:00
OC-118	HTRWTM4	16:25:00	16:47:00	2A88	00:22:00
OC-118	WSTBRNP	17:15:00	17:15:00	2A88	00:00:00
OC-118	ABWD	17:47:00	17:59:00	2A97	00:12:00
OC-118	WSTBRNP	18:28:30	18:28:30	2A97	00:00:00
OC-118	HTRWTM4	18:55:00	19:17:00	2A08	00:22:00
OC-118	WSTBRNP	19:45:00	19:45:00	2A08	00:00:00
OC-118	ABWD	20:17:00	20:29:00	2A17	00:12:00
OC-118	WSTBRNP	20:58:30	20:58:30	2A17	00:00:00
OC-118	HTRWTM4	21:25:00	21:47:00	2A28	00:22:00
OC-118	WSTBRNP	22:15:00	22:15:00	2A28	00:00:00
OC-118	ILFORD	22:43:30	22:44:00	2A28	00:00:30
OC-118	SHENFLD	23:09:00	23:16:00	2B35	00:07:00
OC-118	WSTBRNP	00:09:30	00:09:30	2B35	00:00:00
OC-118	MDNHEAD	00:45:00	00:52:00	5D35	00:07:00
OC-118	PADTON	01:19:30	01:26:30	5D35	00:07:00

OC-118	OLDOXRB	01:32:00	01:32:00	5D35	00:00:00
OC-118	OLDOXRW	01:40:00	01:40:00	5D35	00:00:00
OC-118	OLDOXRD	01:43:00			

Diagram OC-119		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-119	ILFEMUD		06:46:30	5B37	
OC-119	SHENFLD	07:05:00	07:16:00	2B37	00:11:00
OC-119	WSTBRNP	08:08:30	08:08:30	2B37	00:00:00
OC-119	MDNHEAD	08:41:00	08:57:30	2B40	00:16:30
OC-119	WSTBRNP	09:34:00	09:34:00	2B40	00:00:00
OC-119	ILFORD	10:02:30	10:03:00	2B40	00:00:30
OC-119	SHENFLD	10:28:30	10:36:00	2A41	00:07:30
OC-119	WSTBRNP	11:28:30	11:28:30	2A41	00:00:00
OC-119	HTRWTM4	11:55:00	12:17:00	2A52	00:22:00
OC-119	WSTBRNP	12:45:00	12:45:00	2A52	00:00:00
OC-119	ABWD	13:17:00	13:29:00	2A61	00:12:00
OC-119	WSTBRNP	13:58:30	13:58:30	2A61	00:00:00
OC-119	HTRWTM4	14:25:00	14:47:00	2A72	00:22:00
OC-119	WSTBRNP	15:15:00	15:15:00	2A72	00:00:00
OC-119	ABWD	15:47:00	15:59:00	2A81	00:12:00
OC-119	WSTBRNP	16:28:30	16:28:30	2A81	00:00:00
OC-119	HTRWTM4	16:55:00	17:17:00	2A92	00:22:00
OC-119	WSTBRNP	17:45:00	17:45:00	2A92	00:00:00
OC-119	ABWD	18:17:00	18:29:00	2A01	00:12:00
OC-119	WSTBRNP	18:58:30	18:58:30	2A01	00:00:00
OC-119	HTRWTM4	19:25:00	19:47:00	2A12	00:22:00
OC-119	WSTBRNP	20:15:00	20:15:00	2A12	00:00:00
OC-119	ABWD	20:47:00	20:59:00	2A21	00:12:00
OC-119	WSTBRNP	21:28:30	21:28:30	2A21	00:00:00
OC-119	HTRWTM4	21:55:00	22:17:00	2A32	00:22:00
OC-119	WSTBRNP	22:45:00	22:45:00	2A32	00:00:00
OC-119	ILFORD	23:13:30	23:14:00	2A32	00:00:30
OC-119	SHENFLD	23:39:00	23:46:00	2B39	00:07:00
OC-119	WSTBRNP	00:39:30	00:39:30	2B39	00:00:00
OC-119	MDNHEAD	01:15:00	01:22:00	5D39	00:07:00
OC-119	PADTON	01:49:30	01:56:30	5D39	00:07:00
OC-119	OLDOXRB	02:02:00	02:02:00	5D39	00:00:00
OC-119	OLDOXRW	02:10:00	02:10:00	5D39	00:00:00
OC-119	OLDOXRD	02:13:00			

Diagram OC-120		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-120	SHENFDS		11:29:00	5B39	
OC-120	SHENFLD	11:31:00	11:32:00	2B39	00:01:00
OC-120	WSTBRNP	12:24:30	12:24:30	2B39	00:00:00

OC-120	MDNHEAD	13:00:00	13:15:00	2B50	00:15:00
OC-120	WSTBRNP	13:49:00	13:49:00	2B50	00:00:00
OC-120	ILFORD	14:17:30	14:18:00	2B50	00:00:30
OC-120	SHENFLD	14:42:30	14:54:30	2W85	00:12:00
OC-120	PADTONX	15:45:00	15:46:00	5W85	00:01:00
OC-120	WSTBRNP	15:48:00	15:55:30	5W88	00:07:30
OC-120	PADTONX	15:57:30	15:58:30	2W88	00:01:00
OC-120	ILFORD	16:25:00	16:25:30	2W88	00:00:30
OC-120	SHENFLD	16:50:00	17:02:00	2B85	00:12:00
OC-120	WSTBRNP	17:54:30	17:54:30	2B85	00:00:00
OC-120	MDNHEAD	18:30:00	18:45:00	2B94	00:15:00
OC-120	WSTBRNP	19:19:00	19:19:00	2B94	00:00:00
OC-120	ILFORD	19:47:30	19:48:00	2B94	00:00:30
OC-120	SHENFLD	20:12:30	20:24:30	2W59	00:12:00
OC-120	PADTONX	21:15:00	21:16:00	5W59	00:01:00
OC-120	WSTBRNP	21:18:00	21:25:30	5W62	00:07:30
OC-120	PADTONX	21:27:30	21:28:30	2W62	00:01:00
OC-120	ILFORD	21:55:00	21:55:30	2W62	00:00:30
OC-120	SHENFLD	22:19:00	22:26:00	2W67	00:07:00
OC-120	PADTONX	23:16:30	23:17:30	5W67	00:01:00
OC-120	WSTBRNP	23:19:30	23:39:00	5T30	00:19:30
OC-120	PADTONX	23:41:00	23:42:00	2T30	00:01:00
OC-120	ABWD	00:10:00	00:17:00	5T30	00:07:00
OC-120	PLMSDXR	00:26:00			

Diagram OC-121 Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-121	GIDEPKS			05:53:30	5L03
OC-121	GIDEAPK	05:55:30	05:56:30	2L03	00:01:00
OC-121	LIVST	06:24:30	06:38:00	2W02	00:13:30
OC-121	ILFORD	06:53:30	06:54:00	2W02	00:00:30
OC-121	SHENFLD	07:18:30	07:26:00	2W31	00:07:30
OC-121	PADTONX	08:16:30	08:17:30	5W31	00:01:00
OC-121	WSTBRNP	08:19:30	08:39:00	5T24	00:19:30
OC-121	PADTONX	08:41:00	08:42:00	2T24	00:01:00
OC-121	ABWD	09:10:00	09:24:00	2B35	00:14:00
OC-121	WSTBRNP	09:54:30	09:54:30	2B35	00:00:00
OC-121	MDNHEAD	10:30:00	10:45:00	2B42	00:15:00
OC-121	WSTBRNP	11:19:00	11:19:00	2B42	00:00:00
OC-121	ILFORD	11:47:30	11:48:00	2B42	00:00:30
OC-121	SHENFLD	12:12:30	12:24:30	2W65	00:12:00
OC-121	PADTONX	13:15:00	13:16:00	5W65	00:01:00
OC-121	WSTBRNP	13:18:00	13:25:30	5W68	00:07:30
OC-121	PADTONX	13:27:30	13:28:30	2W68	00:01:00
OC-121	ILFORD	13:55:00	13:55:30	2W68	00:00:30
OC-121	SHENFLD	14:20:00	14:32:00	2B63	00:12:00

OC-121	WSTBRNP	15:24:30	15:24:30 2B63	00:00:00
OC-121	MDNHEAD	16:00:00	16:15:00 2B74	00:15:00
OC-121	WSTBRNP	16:49:00	16:49:00 2B74	00:00:00
OC-121	ILFORD	17:18:00	17:18:30 2B74	00:00:30
OC-121	SHENFLD	17:42:30	17:54:30 2W37	00:12:00
OC-121	PADTONX	18:45:00	18:46:00 5W37	00:01:00
OC-121	WSTBRNP	18:48:00	18:55:30 5W42	00:07:30
OC-121	PADTONX	18:57:30	18:58:30 2W42	00:01:00
OC-121	ILFORD	19:25:00	19:25:30 2W42	00:00:30
OC-121	SHENFLD	19:49:30	20:02:00 2B09	00:12:30
OC-121	WSTBRNP	20:54:30	20:54:30 2B09	00:00:00
OC-121	MDNHEAD	21:30:00	21:45:00 2B18	00:15:00
OC-121	WSTBRNP	22:19:00	22:19:00 2B18	00:00:00
OC-121	ABWD	22:50:00	23:04:00 2T17	00:14:00
OC-121	PADTONX	23:31:30	23:32:30 5T17	00:01:00
OC-121	WSTBRNP	23:34:30	23:54:00 5W74	00:19:30
OC-121	PADTONX	23:56:00	23:57:00 2W74	00:01:00
OC-121	ILFORD	00:23:30	00:24:00 2W74	00:00:30
OC-121	SHENFLD	00:46:30	00:53:30 5W74	00:07:00
OC-121	GIDEPKS	01:03:00		

Diagram OC-122		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-122	GIDEPKS			06:03:30 5L05	
OC-122	GIDEAPK	06:05:30	06:06:30	2L05	00:01:00
OC-122	LIVST	06:34:30	06:48:00	2W04	00:13:30
OC-122	ILFORD	07:03:30	07:04:00	2W04	00:00:30
OC-122	SHENFLD	07:28:30	07:36:00	2A29	00:07:30
OC-122	WSTBRNP	08:28:30	08:28:30	2A29	00:00:00
OC-122	HTRWTM4	08:55:00	09:17:00	2A40	00:22:00
OC-122	WSTBRNP	09:45:00	09:45:00	2A40	00:00:00
OC-122	ILFORD	10:13:30	10:14:00	2A40	00:00:30
OC-122	SHENFLD	10:38:30	10:46:00	2B33	00:07:30
OC-122	WSTBRNP	11:38:30	11:38:30	2B33	00:00:00
OC-122	MDNHEAD	12:11:00	12:27:30	2B44	00:16:30
OC-122	WSTBRNP	13:04:00	13:04:00	2B44	00:00:00
OC-122	ILFORD	13:32:30	13:33:00	2B44	00:00:30
OC-122	SHENFLD	13:57:30	14:09:30	2W79	00:12:00
OC-122	PADTONX	15:00:00	15:01:00	5D79	00:01:00
OC-122	WSTBRNP	15:02:00	15:02:00	5D79	00:00:00
OC-122	OLDOXRB	15:07:30	15:07:30	5D79	00:00:00
OC-122	OLDOXRW	15:15:30	15:15:30	5D79	00:00:00
OC-122	OLDOXRD	15:18:30	15:56:00	5T76	00:37:30
OC-122	OLDOXRW	15:59:00	15:59:00	5T76	00:00:00
OC-122	OLDOXRB	16:03:30	16:03:30	5T76	00:00:00
OC-122	WSTBRNP	16:07:30	16:07:30	5T76	00:00:00

OC-122	PADTONX	16:08:30	16:09:30 2T76	00:01:00
OC-122	ABWD	16:39:30	16:51:30 2T83	00:12:00
OC-122	PADTONX	17:19:00	17:20:00 5T83	00:01:00
OC-122	WSTBRNP	17:22:00	17:40:30 5W22	00:18:30
OC-122	PADTONX	17:42:30	17:43:30 2W22	00:01:00
OC-122	ILFORD	18:10:00	18:10:30 2W22	00:00:30
OC-122	SHENFLD	18:35:00	18:47:00 2B99	00:12:00
OC-122	WSTBRNP	19:39:30	19:39:30 2B99	00:00:00
OC-122	MDNHEAD	20:12:00	20:27:30 2B08	00:15:30
OC-122	WSTBRNP	21:04:00	21:04:00 2B08	00:00:00
OC-122	ILFORD	21:32:30	21:33:00 2B08	00:00:30
OC-122	SHENFLD	21:55:30	22:06:00 2A33	00:10:30
OC-122	WSTBRNP	22:58:30	22:58:30 2A33	00:00:00
OC-122	HTRWTM4	23:25:00	23:47:00 2A44	00:22:00
OC-122	PADTON	00:16:00	00:23:00 5D44	00:07:00
OC-122	OLDOXRB	00:29:00	00:29:00 5D44	00:00:00
OC-122	OLDOXRW	00:37:00	00:37:00 5D44	00:00:00
OC-122	OLDOXRD	00:40:00		

Diagram OC-123		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-123	GIDEPKS			06:13:30 5L07	
OC-123	GIDEAPK	06:15:30	06:16:30	2L07	00:01:00
OC-123	LIVST	06:44:30	06:58:00	2W05	00:13:30
OC-123	ILFORD	07:13:30	07:14:00	2W05	00:00:30
OC-123	SHENFLD	07:38:30	07:46:00	2B33	00:07:30
OC-123	WSTBRNP	08:38:30	08:38:30	2B33	00:00:00
OC-123	MDNHEAD	09:11:00	09:27:30	2B38	00:16:30
OC-123	WSTBRNP	10:04:00	10:04:00	2B38	00:00:00
OC-123	ILFORD	10:32:30	10:33:00	2B38	00:00:30
OC-123	SHENFLD	10:58:30	11:09:30	2W55	00:11:00
OC-123	PADTONX	12:00:00	12:01:00	5W55	00:01:00
OC-123	WSTBRNP	12:03:00	12:10:30	5W58	00:07:30
OC-123	PADTONX	12:12:30	12:13:30	2W58	00:01:00
OC-123	ILFORD	12:40:00	12:40:30	2W58	00:00:30
OC-123	SHENFLD	13:05:00	13:17:00	2B53	00:12:00
OC-123	WSTBRNP	14:09:30	14:09:30	2B53	00:00:00
OC-123	MDNHEAD	14:42:00	14:57:30	2B64	00:15:30
OC-123	WSTBRNP	15:34:00	15:34:00	2B64	00:00:00
OC-123	ILFORD	16:02:30	16:03:00	2B64	00:00:30
OC-123	SHENFLD	16:27:30	16:39:30	2W13	00:12:00
OC-123	PADTONX	17:30:00	17:31:00	5D13	00:01:00
OC-123	WSTBRNP	17:32:00	17:32:00	5D13	00:00:00
OC-123	OLDOXRB	17:36:30	17:36:30	5D13	00:00:00
OC-123	OLDOXRW	17:44:30	17:44:30	5D13	00:00:00
OC-123	OLDOXRD	17:47:30	18:25:00	5T00	00:37:30

OC-123	OLDOXRW	18:28:00	18:28:00 5T00	00:00:00
OC-123	OLDOXRB	18:32:30	18:32:30 5T00	00:00:00
OC-123	WSTBRNP	18:36:30	18:36:30 5T00	00:00:00
OC-123	PADTONX	18:37:30	18:39:30 2T00	00:02:00
OC-123	ABWD	19:09:30	19:21:30 2T03	00:12:00
OC-123	PADTONX	19:49:00	19:50:00 5T03	00:01:00
OC-123	WSTBRNP	19:52:00	20:10:30 5W52	00:18:30
OC-123	PADTONX	20:12:30	20:13:30 2W52	00:01:00
OC-123	ILFORD	20:40:00	20:40:30 2W52	00:00:30
OC-123	SHENFLD	21:05:00	21:17:00 2B19	00:12:00
OC-123	WSTBRNP	22:09:30	22:09:30 2B19	00:00:00
OC-123	MDNHEAD	22:42:00	22:57:30 2B28	00:15:30
OC-123	WSTBRNP	23:34:00	23:34:00 2B28	00:00:00
OC-123	ILFORD	00:03:30	00:04:00 2B28	00:00:30
OC-123	SHENFLD	00:26:30	00:33:30 5V28	00:07:00
OC-123	ILFEMUD	00:58:30		

Diagram OC-124 Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-124	GIDEPKS			06:23:30 5L09	
OC-124	GIDEAPK	06:25:30	06:26:30	2L09	00:01:00
OC-124	LIVST	06:54:30	07:08:00	2W07	00:13:30
OC-124	ILFORD	07:23:30	07:24:00	2W07	00:00:30
OC-124	SHENFLD	07:48:30	07:56:00	2W43	00:07:30
OC-124	PADTONX	08:46:30	08:47:30	5W43	00:01:00
OC-124	WSTBRNP	08:49:30	09:09:00	5T28	00:19:30
OC-124	PADTONX	09:11:00	09:12:00	2T28	00:01:00
OC-124	ABWD	09:40:00	09:54:00	2B39	00:14:00
OC-124	WSTBRNP	10:24:30	10:24:30	2B39	00:00:00
OC-124	MDNHEAD	11:00:00	11:15:00	2B40	00:15:00
OC-124	WSTBRNP	11:49:00	11:49:00	2B40	00:00:00
OC-124	ILFORD	12:17:30	12:18:00	2B40	00:00:30
OC-124	SHENFLD	12:42:30	12:54:30	2W69	00:12:00
OC-124	PADTONX	13:45:00	13:46:00	5W69	00:01:00
OC-124	WSTBRNP	13:48:00	13:55:30	5W72	00:07:30
OC-124	PADTONX	13:57:30	13:58:30	2W72	00:01:00
OC-124	ILFORD	14:25:00	14:25:30	2W72	00:00:30
OC-124	SHENFLD	14:50:00	15:02:00	2B67	00:12:00
OC-124	WSTBRNP	15:54:30	15:54:30	2B67	00:00:00
OC-124	MDNHEAD	16:30:00	16:45:00	2B78	00:15:00
OC-124	WSTBRNP	17:19:00	17:19:00	2B78	00:00:00
OC-124	ILFORD	17:48:00	17:48:30	2B78	00:00:30
OC-124	SHENFLD	18:12:30	18:24:30	2W43	00:12:00
OC-124	PADTONX	19:15:00	19:16:00	5W43	00:01:00
OC-124	WSTBRNP	19:18:00	19:25:30	5W46	00:07:30
OC-124	PADTONX	19:27:30	19:28:30	2W46	00:01:00



OC-124	ILFORD	19:55:00	19:55:30	2W46	00:00:30
OC-124	SHENFLD	20:20:00	20:32:00	2B13	00:12:00
OC-124	WSTBRNP	21:24:30	21:24:30	2B13	00:00:00
OC-124	MDNHEAD	22:00:00	22:15:00	2B22	00:15:00
OC-124	WSTBRNP	22:49:00	22:49:00	2B22	00:00:00
OC-124	ABWD	23:20:00	23:34:00	2T19	00:14:00
OC-124	PADTONX	00:01:30	00:02:30	5D19	00:01:00
OC-124	WSTBRNP	00:03:30	00:03:30	5D19	00:00:00
OC-124	OLDOXRB	00:08:30	00:08:30	5D19	00:00:00
OC-124	OLDOXRW	00:16:30	00:16:30	5D19	00:00:00
OC-124	OLDOXRD	00:19:30			

Diagram OC-125		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-125	GIDEPKS		06:33:30	5L11	
OC-125	GIDEAPK	06:35:30	06:36:30	2L11	00:01:00
OC-125	LIVST	07:04:30	07:18:00	2W09	00:13:30
OC-125	ILFORD	07:33:30	07:34:00	2W09	00:00:30
OC-125	SHENFLD	07:58:30	08:06:00	2A31	00:07:30
OC-125	WSTBRNP	08:58:30	08:58:30	2A31	00:00:00
OC-125	HTRWTM4	09:25:00	09:47:00	2A44	00:22:00
OC-125	WSTBRNP	10:15:00	10:15:00	2A44	00:00:00
OC-125	ILFORD	10:43:30	10:44:00	2A44	00:00:30
OC-125	SHENFLD	11:08:30	11:17:00	2B37	00:08:30
OC-125	WSTBRNP	12:09:30	12:09:30	2B37	00:00:00
OC-125	MDNHEAD	12:42:00	12:57:30	2B48	00:15:30
OC-125	WSTBRNP	13:34:00	13:34:00	2B48	00:00:00
OC-125	ILFORD	14:02:30	14:03:00	2B48	00:00:30
OC-125	SHENFLD	14:27:30	14:39:30	2W83	00:12:00
OC-125	PADTONX	15:30:00	15:31:00	5D83	00:01:00
OC-125	WSTBRNP	15:32:00	15:32:00	5D83	00:00:00
OC-125	OLDOXRB	15:37:00	15:37:00	5D83	00:00:00
OC-125	OLDOXRW	15:45:00	15:45:00	5D83	00:00:00
OC-125	OLDOXRD	15:48:00	16:25:00	5T80	00:37:00
OC-125	OLDOXRW	16:28:00	16:28:00	5T80	00:00:00
OC-125	OLDOXRB	16:32:30	16:32:30	5T80	00:00:00
OC-125	WSTBRNP	16:36:30	16:36:30	5T80	00:00:00
OC-125	PADTONX	16:37:30	16:39:30	2T80	00:02:00
OC-125	ABWD	17:09:30	17:21:30	2T87	00:12:00
OC-125	PADTONX	17:49:00	17:50:00	5T87	00:01:00
OC-125	WSTBRNP	17:52:00	18:10:30	5W34	00:18:30
OC-125	PADTONX	18:12:30	18:13:30	2W34	00:01:00
OC-125	ILFORD	18:40:00	18:40:30	2W34	00:00:30
OC-125	SHENFLD	19:05:00	19:17:00	2B03	00:12:00
OC-125	WSTBRNP	20:09:30	20:09:30	2B03	00:00:00
OC-125	MDNHEAD	20:42:00	20:57:30	2B12	00:15:30

OC-125	WSTBRNP	21:34:00	21:34:00	2B12	00:00:00
OC-125	ILFORD	22:02:30	22:03:00	2B12	00:00:30
OC-125	SHENFLD	22:29:00	22:30:00	5B12	00:01:00
OC-125	SHENFDS	22:32:00			

Diagram OC-126		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-126	GIDEPKS		06:43:30	5L13	
OC-126	GIDEAPK	06:45:30	06:46:30	2L13	00:01:00
OC-126	LIVST	07:14:30	07:28:00	2W11	00:13:30
OC-126	ILFORD	07:43:30	07:44:00	2W11	00:00:30
OC-126	SHENFLD	08:08:30	08:16:00	2B37	00:07:30
OC-126	WSTBRNP	09:08:30	09:08:30	2B37	00:00:00
OC-126	MDNHEAD	09:41:00	09:57:30	2B42	00:16:30
OC-126	WSTBRNP	10:34:00	10:34:00	2B42	00:00:00
OC-126	ILFORD	11:02:30	11:03:00	2B42	00:00:30
OC-126	SHENFLD	11:27:30	11:39:30	2W59	00:12:00
OC-126	PADTONX	12:30:00	12:31:00	5D59	00:01:00
OC-126	WSTBRNP	12:32:00	12:32:00	5D59	00:00:00
OC-126	OLDOXRB	12:36:30	12:36:30	5D59	00:00:00
OC-126	OLDOXRW	12:44:30	12:44:30	5D59	00:00:00
OC-126	OLDOXRD	12:47:30	13:26:00	5T54	00:38:30
OC-126	OLDOXRW	13:29:00	13:29:00	5T54	00:00:00
OC-126	OLDOXRB	13:33:30	13:33:30	5T54	00:00:00
OC-126	WSTBRNP	13:37:30	13:37:30	5T54	00:00:00
OC-126	PADTONX	13:38:30	13:39:30	2T54	00:01:00
OC-126	ABWD	14:09:30	14:21:30	2T63	00:12:00
OC-126	PADTONX	14:49:00	14:50:00	5T63	00:01:00
OC-126	WSTBRNP	14:52:00	15:10:30	5W82	00:18:30
OC-126	PADTONX	15:12:30	15:13:30	2W82	00:01:00
OC-126	ILFORD	15:40:00	15:40:30	2W82	00:00:30
OC-126	SHENFLD	16:04:30	16:17:00	2B79	00:12:30
OC-126	WSTBRNP	17:09:30	17:09:30	2B79	00:00:00
OC-126	MDNHEAD	17:42:00	17:57:30	2B88	00:15:30
OC-126	WSTBRNP	18:34:00	18:34:00	2B88	00:00:00
OC-126	ILFORD	19:02:30	19:03:00	2B88	00:00:30
OC-126	SHENFLD	19:27:30	19:39:30	2W53	00:12:00
OC-126	PADTONX	20:30:00	20:31:00	5D53	00:01:00
OC-126	WSTBRNP	20:32:00	20:32:00	5D53	00:00:00
OC-126	OLDOXRB	20:37:00	20:37:00	5D53	00:00:00
OC-126	OLDOXRW	20:45:00	20:45:00	5D53	00:00:00
OC-126	OLDOXRD	20:48:00	21:25:00	5T24	00:37:00
OC-126	OLDOXRW	21:28:00	21:28:00	5T24	00:00:00
OC-126	OLDOXRB	21:32:30	21:32:30	5T24	00:00:00
OC-126	WSTBRNP	21:36:30	21:36:30	5T24	00:00:00
OC-126	PADTONX	21:37:30	21:39:30	2T24	00:02:00

OC-126	ABWD	22:07:30	22:18:00	5T24	00:10:30
OC-126	PLMSDXR	22:27:00			

Diagram OC-127		Traction: 345				
Diagram	Location	Arr	Dep	ID	T/A	
OC-127	PLMSDXR			06:47:30	5T09	
OC-127	ABWD	06:57:00		07:04:00	2T09	00:07:00
OC-127	PADTONX	07:31:30		07:32:30	5T09	00:01:00
OC-127	WSTBRNP	07:34:30		07:54:00	5W28	00:19:30
OC-127	PADTONX	07:56:00		07:57:00	2W28	00:01:00
OC-127	ILFORD	08:23:30		08:24:00	2W28	00:00:30
OC-127	SHENFLD	08:48:30		08:56:00	2W47	00:07:30
OC-127	PADTONX	09:46:30		09:47:30	5W47	00:01:00
OC-127	WSTBRNP	09:49:30		10:09:00	5T32	00:19:30
OC-127	PADTONX	10:11:00		10:12:00	2T32	00:01:00
OC-127	ABWD	10:40:00		10:54:00	2B47	00:14:00
OC-127	WSTBRNP	11:24:30		11:24:30	2B47	00:00:00
OC-127	MDNHEAD	12:00:00		12:15:00	2B42	00:15:00
OC-127	WSTBRNP	12:49:00		12:49:00	2B42	00:00:00
OC-127	ILFORD	13:17:30		13:18:00	2B42	00:00:30
OC-127	SHENFLD	13:42:30		13:54:30	2W77	00:12:00
OC-127	PADTONX	14:45:00		14:46:00	5W77	00:01:00
OC-127	WSTBRNP	14:48:00		14:55:30	5W80	00:07:30
OC-127	PADTONX	14:57:30		14:58:30	2W80	00:01:00
OC-127	ILFORD	15:25:00		15:25:30	2W80	00:00:30
OC-127	SHENFLD	15:49:30		16:02:00	2B77	00:12:30
OC-127	WSTBRNP	16:54:30		16:54:30	2B77	00:00:00
OC-127	MDNHEAD	17:30:00		17:45:00	2B86	00:15:00
OC-127	WSTBRNP	18:19:00		18:19:00	2B86	00:00:00
OC-127	ILFORD	18:48:00		18:48:30	2B86	00:00:30
OC-127	SHENFLD	19:12:30		19:24:30	2W51	00:12:00
OC-127	PADTONX	20:15:00		20:16:00	5W51	00:01:00
OC-127	WSTBRNP	20:18:00		20:25:30	5W54	00:07:30
OC-127	PADTONX	20:27:30		20:28:30	2W54	00:01:00
OC-127	ILFORD	20:55:00		20:55:30	2W54	00:00:30
OC-127	SHENFLD	21:20:00		21:21:00	5B02	00:01:00
OC-127	SHENFDS	21:23:00		21:30:00	5B02	00:07:00
OC-127	ILFEMUD	22:01:00				

Diagram OC-128		Traction: 345				
Diagram	Location	Arr	Dep	ID	T/A	
OC-128	PLMSDXR			06:57:30	5T09	
OC-128	ABWD	07:07:00		07:14:00	2A27	00:07:00
OC-128	WSTBRNP	07:43:30		07:43:30	2A27	00:00:00
OC-128	HTRWTM4	08:10:00		08:32:00	2A30	00:22:00
OC-128	WSTBRNP	09:00:00		09:00:00	2A30	00:00:00

OC-128	ABWD	09:30:00	09:44:00	2A31	00:14:00
OC-128	WSTBRNP	10:13:30	10:13:30	2A31	00:00:00
OC-128	HTRWTM4	10:40:00	11:02:00	2A42	00:22:00
OC-128	WSTBRNP	11:30:00	11:30:00	2A42	00:00:00
OC-128	ABWD	12:02:00	12:14:00	2A51	00:12:00
OC-128	WSTBRNP	12:43:30	12:43:30	2A51	00:00:00
OC-128	HTRWTM4	13:10:00	13:32:00	2A62	00:22:00
OC-128	WSTBRNP	14:00:00	14:00:00	2A62	00:00:00
OC-128	ABWD	14:32:00	14:44:00	2A71	00:12:00
OC-128	WSTBRNP	15:13:30	15:13:30	2A71	00:00:00
OC-128	HTRWTM4	15:40:00	16:02:00	2A82	00:22:00
OC-128	WSTBRNP	16:30:00	16:30:00	2A82	00:00:00
OC-128	ABWD	17:02:00	17:14:00	2A91	00:12:00
OC-128	WSTBRNP	17:43:30	17:43:30	2A91	00:00:00
OC-128	HTRWTM4	18:10:00	18:32:00	2A02	00:22:00
OC-128	WSTBRNP	19:00:00	19:00:00	2A02	00:00:00
OC-128	ABWD	19:32:00	19:44:00	2A11	00:12:00
OC-128	WSTBRNP	20:13:30	20:13:30	2A11	00:00:00
OC-128	HTRWTM4	20:40:00	21:02:00	2A22	00:22:00
OC-128	WSTBRNP	21:30:00	21:30:00	2A22	00:00:00
OC-128	ABWD	22:00:00	22:14:00	2A31	00:14:00
OC-128	WSTBRNP	22:43:30	22:43:30	2A31	00:00:00
OC-128	HTRWTM4	23:10:00	23:32:00	2A42	00:22:00
OC-128	PADTON	00:01:00	00:08:00	5D42	00:07:00
OC-128	OLDOXRB	00:14:00	00:14:00	5D42	00:00:00
OC-128	OLDOXRW	00:22:00	00:22:00	5D42	00:00:00
OC-128	OLDOXRD	00:25:00			

Diagram OC-129			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-129	PLMSDXR		07:17:30	5T11	
OC-129	ABWD	07:27:00	07:34:00	2T11	00:07:00
OC-129	PADTONX	08:01:30	08:02:30	5T11	00:01:00
OC-129	WSTBRNP	08:04:30	08:24:00	5W42	00:19:30
OC-129	PADTONX	08:26:00	08:27:00	2W42	00:01:00
OC-129	ILFORD	08:53:30	08:54:00	2W42	00:00:30
OC-129	SHENFLD	09:18:30	09:26:00	2W39	00:07:30
OC-129	PADTONX	10:16:30	10:17:00	5W39	00:00:30
OC-129	WSTBRNP	10:19:00	10:36:30	5T36	00:17:30
OC-129	PADTONX	10:38:30	10:39:30	2T36	00:01:00
OC-129	ABWD	11:09:30	11:24:00	2B51	00:14:30
OC-129	WSTBRNP	11:54:30	11:54:30	2B51	00:00:00
OC-129	MDNHEAD	12:30:00	12:45:00	2B46	00:15:00
OC-129	WSTBRNP	13:19:00	13:19:00	2B46	00:00:00
OC-129	ILFORD	13:47:30	13:48:00	2B46	00:00:30
OC-129	SHENFLD	14:12:30	14:24:30	2W81	00:12:00

OC-129	PADTONX	15:15:00	15:16:00	5W81	00:01:00
OC-129	WSTBRNP	15:18:00	15:25:30	5W84	00:07:30
OC-129	PADTONX	15:27:30	15:28:30	2W84	00:01:00
OC-129	ILFORD	15:55:00	15:55:30	2W84	00:00:30
OC-129	SHENFLD	16:21:00	16:32:00	2B81	00:11:00
OC-129	WSTBRNP	17:24:30	17:24:30	2B81	00:00:00
OC-129	MDNHEAD	18:00:00	18:15:00	2B90	00:15:00
OC-129	WSTBRNP	18:49:00	18:49:00	2B90	00:00:00
OC-129	ILFORD	19:18:00	19:18:30	2B90	00:00:30
OC-129	SHENFLD	19:42:30	19:54:30	2W55	00:12:00
OC-129	PADTONX	20:45:00	20:46:00	5W55	00:01:00
OC-129	WSTBRNP	20:48:00	20:55:30	5W58	00:07:30
OC-129	PADTONX	20:57:30	20:58:30	2W58	00:01:00
OC-129	ILFORD	21:25:00	21:25:30	2W58	00:00:30
OC-129	SHENFLD	21:49:00	21:56:00	2W65	00:07:00
OC-129	PADTONX	22:46:30	22:47:30	5W65	00:01:00
OC-129	WSTBRNP	22:49:30	23:09:00	5T32	00:19:30
OC-129	PADTONX	23:11:00	23:12:00	2T32	00:01:00
OC-129	ABWD	23:40:00	23:54:00	2B37	00:14:00
OC-129	WSTBRNP	00:24:30	00:24:30	2B37	00:00:00
OC-129	MDNHEAD	01:00:00	01:07:00	5D37	00:07:00
OC-129	PADTON	01:34:30	01:41:30	5D37	00:07:00
OC-129	OLDOXRB	01:47:00	01:47:00	5D37	00:00:00
OC-129	OLDOXRW	01:55:00	01:55:00	5D37	00:00:00
OC-129	OLDOXRD	01:58:00			

Diagram OC-130		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-130	OLDOXRD			07:08:30	5T16
OC-130	OLDOXRW	07:11:30	07:11:30	5T16	00:00:00
OC-130	OLDOXRB	07:16:00	07:16:00	5T16	00:00:00
OC-130	WSTBRNP	07:20:00	07:20:00	5T16	00:00:00
OC-130	PADTONX	07:21:00	07:22:00	2T16	00:01:00
OC-130	ABWD	07:50:00	08:04:00	2T15	00:14:00
OC-130	PADTONX	08:31:30	08:32:30	5T15	00:01:00
OC-130	WSTBRNP	08:34:30	08:54:00	5W30	00:19:30
OC-130	PADTONX	08:56:00	08:57:00	2W30	00:01:00
OC-130	ILFORD	09:23:30	09:24:00	2W30	00:00:30
OC-130	SHENFLD	09:48:30	09:56:00	2W51	00:07:30
OC-130	PADTONX	10:46:30	10:47:30	5W51	00:01:00
OC-130	WSTBRNP	10:51:00	11:06:00	5T34	00:15:00
OC-130	PADTONX	11:08:00	11:09:30	2T34	00:01:30
OC-130	ABWD	11:39:30	11:51:30	2T43	00:12:00
OC-130	PADTONX	12:19:00	12:20:00	5T43	00:01:00
OC-130	WSTBRNP	12:22:00	12:40:30	5W62	00:18:30
OC-130	PADTONX	12:42:30	12:43:30	2W62	00:01:00



OC-130	ILFORD	13:10:00	13:10:30 2W62	00:00:30
OC-130	SHENFLD	13:35:00	13:47:00 2B57	00:12:00
OC-130	WSTBRNP	14:39:30	14:39:30 2B57	00:00:00
OC-130	MDNHEAD	15:12:00	15:27:30 2B68	00:15:30
OC-130	WSTBRNP	16:04:00	16:04:00 2B68	00:00:00
OC-130	ILFORD	16:32:30	16:33:00 2B68	00:00:30
OC-130	SHENFLD	16:57:00	17:09:30 2W25	00:12:30
OC-130	PADTONX	18:00:00	18:01:00 5D25	00:01:00
OC-130	WSTBRNP	18:02:00	18:02:00 5D25	00:00:00
OC-130	OLDOXRB	18:06:30	18:06:30 5D25	00:00:00
OC-130	OLDOXRW	18:14:30	18:14:30 5D25	00:00:00
OC-130	OLDOXRD	18:17:30	18:56:00 5T04	00:38:30
OC-130	OLDOXRW	18:59:00	18:59:00 5T04	00:00:00
OC-130	OLDOXRB	19:03:30	19:03:30 5T04	00:00:00
OC-130	WSTBRNP	19:07:30	19:07:30 5T04	00:00:00
OC-130	PADTONX	19:08:30	19:09:30 2T04	00:01:00
OC-130	ABWD	19:39:30	19:51:30 2T07	00:12:00
OC-130	PADTONX	20:19:00	20:20:00 5T07	00:01:00
OC-130	WSTBRNP	20:22:00	20:40:30 5W56	00:18:30
OC-130	PADTONX	20:42:30	20:43:30 2W56	00:01:00
OC-130	ILFORD	21:10:00	21:10:30 2W56	00:00:30
OC-130	SHENFLD	21:33:00	21:46:00 2B23	00:13:00
OC-130	WSTBRNP	22:39:30	22:39:30 2B23	00:00:00
OC-130	MDNHEAD	23:12:00	23:27:30 2B28	00:15:30
OC-130	WSTBRNP	00:04:00	00:04:00 2B28	00:00:00
OC-130	ILFORD	00:32:30	00:33:00 2B28	00:00:30
OC-130	SHENFLD	00:57:00	01:03:30 5B32	00:06:30
OC-130	GIDEPKS	01:13:00		

## Diagram OC-131

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-131	OLDOXRD			11:56:00 5T42	
OC-131	OLDOXRW	11:59:00		11:59:00 5T42	00:00:00
OC-131	OLDOXRB	12:03:30		12:03:30 5T42	00:00:00
OC-131	WSTBRNP	12:07:30		12:07:30 5T42	00:00:00
OC-131	PADTONX	12:08:30		12:09:30 2T42	00:01:00
OC-131	ABWD	12:39:30		12:51:30 2T51	00:12:00
OC-131	PADTONX	13:19:00		13:20:00 5T51	00:01:00
OC-131	WSTBRNP	13:22:00		13:40:30 5W70	00:18:30
OC-131	PADTONX	13:42:30		13:43:30 2W70	00:01:00
OC-131	ILFORD	14:10:00		14:10:30 2W70	00:00:30
OC-131	SHENFLD	14:35:00		14:47:00 2B65	00:12:00
OC-131	WSTBRNP	15:39:30		15:39:30 2B65	00:00:00
OC-131	MDNHEAD	16:12:00		16:27:30 2B76	00:15:30
OC-131	WSTBRNP	17:04:00		17:04:00 2B76	00:00:00
OC-131	ILFORD	17:32:30		17:33:00 2B76	00:00:30

OC-131	SHENFLD	17:57:30	18:09:30	2W41	00:12:00
OC-131	PADTONX	19:00:00	19:01:00	5D41	00:01:00
OC-131	WSTBRNP	19:02:00	19:02:00	5D41	00:00:00
OC-131	OLDOXRB	19:06:30	19:06:30	5D41	00:00:00
OC-131	OLDOXRW	19:14:30	19:14:30	5D41	00:00:00
OC-131	OLDOXRD	19:17:30	19:56:00	5T12	00:38:30
OC-131	OLDOXRW	19:59:00	19:59:00	5T12	00:00:00
OC-131	OLDOXRB	20:03:30	20:03:30	5T12	00:00:00
OC-131	WSTBRNP	20:07:30	20:07:30	5T12	00:00:00
OC-131	PADTONX	20:08:30	20:09:30	2T12	00:01:00
OC-131	ABWD	20:39:30	20:51:30	2T59	00:12:00
OC-131	PADTONX	21:19:00	21:20:00	5T59	00:01:00
OC-131	WSTBRNP	21:22:00	21:40:30	5W64	00:18:30
OC-131	PADTONX	21:42:30	21:43:30	2W64	00:01:00
OC-131	ILFORD	22:10:00	22:10:30	2W64	00:00:30
OC-131	SHENFLD	22:33:00	22:46:00	2B31	00:13:00
OC-131	WSTBRNP	23:39:30	23:39:30	2B31	00:00:00
OC-131	MDNHEAD	00:12:00	00:13:00	5B31	00:01:00
OC-131	MDNHDRS	00:15:00			

## Diagram OC-132

Traction: 345

Diagram	Location	Arr	Dep	ID	T/A
OC-132	OLDOXRD			12:26:00 5T46	
OC-132	OLDOXRW	12:29:00	12:29:00	5T46	00:00:00
OC-132	OLDOXRB	12:33:30	12:33:30	5T46	00:00:00
OC-132	WSTBRNP	12:37:30	12:37:30	5T46	00:00:00
OC-132	PADTONX	12:38:30	12:39:30	2T46	00:01:00
OC-132	ABWD	13:09:30	13:21:30	2T55	00:12:00
OC-132	PADTONX	13:49:00	13:50:00	5T55	00:01:00
OC-132	WSTBRNP	13:52:00	14:10:30	5W74	00:18:30
OC-132	PADTONX	14:12:30	14:13:30	2W74	00:01:00
OC-132	ILFORD	14:40:00	14:40:30	2W74	00:00:30
OC-132	SHENFLD	15:05:00	15:17:00	2B69	00:12:00
OC-132	WSTBRNP	16:09:30	16:09:30	2B69	00:00:00
OC-132	MDNHEAD	16:42:00	16:57:30	2B80	00:15:30
OC-132	WSTBRNP	17:34:00	17:34:00	2B80	00:00:00
OC-132	ILFORD	18:02:30	18:03:00	2B80	00:00:30
OC-132	SHENFLD	18:28:00	18:39:30	2W45	00:11:30
OC-132	PADTONX	19:30:00	19:31:00	5D45	00:01:00
OC-132	WSTBRNP	19:32:00	19:32:00	5D45	00:00:00
OC-132	OLDOXRB	19:37:00	19:37:00	5D45	00:00:00
OC-132	OLDOXRW	19:45:00	19:45:00	5D45	00:00:00
OC-132	OLDOXRD	19:48:00	20:26:00	5T16	00:38:00
OC-132	OLDOXRW	20:29:00	20:29:00	5T16	00:00:00
OC-132	OLDOXRB	20:33:30	20:33:30	5T16	00:00:00
OC-132	WSTBRNP	20:37:30	20:37:30	5T16	00:00:00



OC-132	PADTONX	20:38:30	20:39:30	2T16	00:01:00
OC-132	ABWD	21:09:30	21:21:30	2T09	00:12:00
OC-132	PADTONX	21:49:00	21:50:00	5T09	00:01:00
OC-132	WSTBRNP	21:52:00	22:09:00	5T28	00:17:00
OC-132	PADTONX	22:11:00	22:12:00	2T28	00:01:00
OC-132	ABWD	22:40:00	22:54:00	2B29	00:14:00
OC-132	WSTBRNP	23:24:30	23:24:30	2B29	00:00:00
OC-132	MDNHEAD	00:00:30	00:01:00	5B29	00:00:30
OC-132	MDNHDRS	00:03:00			

Diagram OC-133		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-133	OLDOXRD			12:56:00	5T50
OC-133	OLDOXRW	12:59:00	12:59:00	5T50	00:00:00
OC-133	OLDOXRB	13:03:30	13:03:30	5T50	00:00:00
OC-133	WSTBRNP	13:07:30	13:07:30	5T50	00:00:00
OC-133	PADTONX	13:08:30	13:09:30	2T50	00:01:00
OC-133	ABWD	13:39:30	13:51:30	2T59	00:12:00
OC-133	PADTONX	14:19:00	14:20:00	5T59	00:01:00
OC-133	WSTBRNP	14:22:00	14:40:30	5W78	00:18:30
OC-133	PADTONX	14:42:30	14:43:30	2W78	00:01:00
OC-133	ILFORD	15:10:00	15:10:30	2W78	00:00:30
OC-133	SHENFLD	15:35:00	15:47:00	2B75	00:12:00
OC-133	WSTBRNP	16:39:30	16:39:30	2B75	00:00:00
OC-133	MDNHEAD	17:12:00	17:27:30	2B84	00:15:30
OC-133	WSTBRNP	18:04:00	18:04:00	2B84	00:00:00
OC-133	ILFORD	18:32:30	18:33:00	2B84	00:00:30
OC-133	SHENFLD	18:57:30	19:09:30	2W49	00:12:00
OC-133	PADTONX	20:00:00	20:01:00	5D49	00:01:00
OC-133	WSTBRNP	20:02:00	20:02:00	5D49	00:00:00
OC-133	OLDOXRB	20:07:00	20:07:00	5D49	00:00:00
OC-133	OLDOXRW	20:15:00	20:15:00	5D49	00:00:00
OC-133	OLDOXRD	20:18:00	20:56:00	5T20	00:38:00
OC-133	OLDOXRW	20:59:00	20:59:00	5T20	00:00:00
OC-133	OLDOXRB	21:03:30	21:03:30	5T20	00:00:00
OC-133	WSTBRNP	21:07:30	21:07:30	5T20	00:00:00
OC-133	PADTONX	21:08:30	21:09:30	2T20	00:01:00
OC-133	ABWD	21:37:30	21:47:00	5T20	00:09:30
OC-133	PLMSDXR	21:56:00			

Diagram OC-134		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-134	OLDOXRD			07:13:30	5W20
OC-134	OLDOXRW	07:16:30	07:16:30	5W20	00:00:00
OC-134	OLDOXRB	07:21:00	07:21:00	5W20	00:00:00
OC-134	WSTBRNP	07:25:00	07:25:00	5W20	00:00:00

OC-134	PADTONX	07:26:00	07:27:00	2W20	00:01:00
OC-134	ILFORD	07:53:30	07:54:00	2W20	00:00:30
OC-134	SHENFLD	08:18:30	08:26:00	2W35	00:07:30
OC-134	PADTONX	09:16:30	09:17:30	5W35	00:01:00
OC-134	WSTBRNP	09:19:30	09:39:00	5T28	00:19:30
OC-134	PADTONX	09:41:00	09:42:00	2T28	00:01:00
OC-134	ABWD	10:10:00	10:24:00	2B43	00:14:00
OC-134	WSTBRNP	10:54:30	10:54:30	2B43	00:00:00
OC-134	MDNHEAD	11:30:00	11:45:00	2B44	00:15:00
OC-134	WSTBRNP	12:19:00	12:19:00	2B44	00:00:00
OC-134	ILFORD	12:47:30	12:48:00	2B44	00:00:30
OC-134	SHENFLD	13:12:30	13:24:30	2W73	00:12:00
OC-134	PADTONX	14:15:00	14:16:00	5W73	00:01:00
OC-134	WSTBRNP	14:18:00	14:25:30	5W76	00:07:30
OC-134	PADTONX	14:27:30	14:28:30	2W76	00:01:00
OC-134	ILFORD	14:55:00	14:55:30	2W76	00:00:30
OC-134	SHENFLD	15:19:30	15:32:00	2B71	00:12:30
OC-134	WSTBRNP	16:24:30	16:24:30	2B71	00:00:00
OC-134	MDNHEAD	17:00:00	17:15:00	2B82	00:15:00
OC-134	WSTBRNP	17:49:00	17:49:00	2B82	00:00:00
OC-134	ILFORD	18:18:30	18:19:00	2B82	00:00:30
OC-134	SHENFLD	18:42:30	18:54:30	2W47	00:12:00
OC-134	PADTONX	19:45:00	19:46:00	5W47	00:01:00
OC-134	WSTBRNP	19:48:00	19:55:30	5W50	00:07:30
OC-134	PADTONX	19:57:30	19:58:30	2W50	00:01:00
OC-134	ILFORD	20:25:00	20:25:30	2W50	00:00:30
OC-134	SHENFLD	20:49:30	21:02:00	2B17	00:12:30
OC-134	WSTBRNP	21:54:30	21:54:30	2B17	00:00:00
OC-134	MDNHEAD	22:30:00	22:45:00	2B26	00:15:00
OC-134	WSTBRNP	23:19:00	23:19:00	2B26	00:00:00
OC-134	ABWD	23:50:00	00:04:00	2T23	00:14:00
OC-134	PADTONX	00:31:30	00:32:30	5D21	00:01:00
OC-134	WSTBRNP	00:33:30	00:33:30	5D21	00:00:00
OC-134	OLDOXRB	00:38:00	00:38:00	5D21	00:00:00
OC-134	OLDOXRW	00:46:00	00:46:00	5D21	00:00:00
OC-134	OLDOXRD	00:49:00			

Diagram OC-135		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-135	OLDOXRD			07:28:30	5W20
OC-135	OLDOXRW	07:31:30	07:31:30	5W20	00:00:00
OC-135	OLDOXRB	07:36:00	07:36:00	5W20	00:00:00
OC-135	WSTBRNP	07:40:00	07:40:00	5W20	00:00:00
OC-135	PADTONX	07:41:00	07:42:00	2T20	00:01:00
OC-135	ABWD	08:10:00	08:24:00	2B33	00:14:00
OC-135	WSTBRNP	08:54:30	08:54:30	2B33	00:00:00

OC-135	MDNHEAD	09:30:00	09:45:00 2B40	00:15:00
OC-135	WSTBRNP	10:19:00	10:19:00 2B40	00:00:00
OC-135	ABWD	10:50:00	11:06:30 2T37	00:16:30
OC-135	PADTONX	11:34:00	11:35:00 5T37	00:01:00
OC-135	WSTBRNP	11:37:00	11:51:30 5T40	00:14:30
OC-135	PADTONX	11:53:30	11:54:30 2T40	00:01:00
OC-135	ABWD	12:24:30	12:36:30 2T49	00:12:00
OC-135	PADTONX	13:04:00	13:05:00 5T49	00:01:00
OC-135	WSTBRNP	13:07:00	13:21:30 5T52	00:14:30
OC-135	PADTONX	13:23:30	13:24:30 2T52	00:01:00
OC-135	ABWD	13:54:30	14:06:30 2T61	00:12:00
OC-135	PADTONX	14:34:00	14:35:00 5T61	00:01:00
OC-135	WSTBRNP	14:37:00	14:51:30 5T64	00:14:30
OC-135	PADTONX	14:53:30	14:54:30 2T64	00:01:00
OC-135	ABWD	15:24:30	15:36:30 2T73	00:12:00
OC-135	PADTONX	16:04:00	16:05:00 5T73	00:01:00
OC-135	WSTBRNP	16:07:00	16:21:30 5T78	00:14:30
OC-135	PADTONX	16:23:30	16:24:30 2T78	00:01:00
OC-135	ABWD	16:54:30	17:06:30 2T85	00:12:00
OC-135	PADTONX	17:34:00	17:35:00 5T85	00:01:00
OC-135	WSTBRNP	17:37:00	17:51:30 5T92	00:14:30
OC-135	PADTONX	17:53:30	17:54:30 2T92	00:01:00
OC-135	ABWD	18:24:30	18:36:30 2T97	00:12:00
OC-135	PADTONX	19:04:00	19:05:00 5T97	00:01:00
OC-135	WSTBRNP	19:07:00	19:21:30 5T06	00:14:30
OC-135	PADTONX	19:23:30	19:24:30 2T06	00:01:00
OC-135	ABWD	19:54:30	20:06:30 2T51	00:12:00
OC-135	PADTONX	20:34:00	20:35:00 5T51	00:01:00
OC-135	WSTBRNP	20:37:00	20:51:30 5T18	00:14:30
OC-135	PADTONX	20:53:30	20:54:30 2T18	00:01:00
OC-135	ABWD	21:24:30	21:36:30 2T11	00:12:00
OC-135	PADTONX	22:04:00	22:05:00 5T11	00:01:00
OC-135	WSTBRNP	22:07:00	22:24:00 5W68	00:17:00
OC-135	PADTONX	22:26:00	22:27:00 2W68	00:01:00
OC-135	ILFORD	22:53:30	22:54:00 2W68	00:00:30
OC-135	SHENFLD	23:16:30	23:26:00 2W71	00:09:30
OC-135	PADTONX	00:16:30	00:17:30 5D71	00:01:00
OC-135	WSTBRNP	00:18:30	00:18:30 5D71	00:00:00
OC-135	OLDOXRB	00:23:00	00:23:00 5D71	00:00:00
OC-135	OLDOXRW	00:31:00	00:31:00 5D71	00:00:00
OC-135	OLDOXRD	00:34:00		

Diagram OC-136		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-136	ILFEMUD			06:31:00 5W27	
OC-136	SHENFLD	06:49:30		06:56:00 2W27	00:06:30

OC-136	PADTONX	07:46:30	07:47:30 5W17	00:01:00
OC-136	WSTBRNP	07:49:30	08:09:00 5T24	00:19:30
OC-136	PADTONX	08:11:00	08:12:00 2T24	00:01:00
OC-136	ABWD	08:40:00	08:54:00 2B31	00:14:00
OC-136	WSTBRNP	09:24:30	09:24:30 2B31	00:00:00
OC-136	MDNHEAD	10:00:00	10:15:00 2B44	00:15:00
OC-136	WSTBRNP	10:49:00	10:49:00 2B44	00:00:00
OC-136	ABWD	11:20:00	11:36:30 2T41	00:16:30
OC-136	PADTONX	12:04:00	12:05:00 5T41	00:01:00
OC-136	WSTBRNP	12:07:00	12:21:30 5T44	00:14:30
OC-136	PADTONX	12:23:30	12:24:30 2T44	00:01:00
OC-136	ABWD	12:54:30	13:06:30 2T53	00:12:00
OC-136	PADTONX	13:34:00	13:35:00 5T53	00:01:00
OC-136	WSTBRNP	13:37:00	13:51:30 5T56	00:14:30
OC-136	PADTONX	13:53:30	13:54:30 2T56	00:01:00
OC-136	ABWD	14:24:30	14:36:30 2T65	00:12:00
OC-136	PADTONX	15:04:00	15:05:00 5T65	00:01:00
OC-136	WSTBRNP	15:07:00	15:21:30 5T68	00:14:30
OC-136	PADTONX	15:23:30	15:24:30 2T68	00:01:00
OC-136	ABWD	15:54:30	16:06:30 2T77	00:12:00
OC-136	PADTONX	16:34:00	16:35:00 5T77	00:01:00
OC-136	WSTBRNP	16:37:00	16:51:30 5T84	00:14:30
OC-136	PADTONX	16:53:30	16:54:30 2T84	00:01:00
OC-136	ABWD	17:24:30	17:36:30 2T89	00:12:00
OC-136	PADTONX	18:04:00	18:05:00 5T89	00:01:00
OC-136	WSTBRNP	18:07:00	18:21:30 5T96	00:14:30
OC-136	PADTONX	18:23:30	18:24:30 2T96	00:01:00
OC-136	ABWD	18:54:30	19:06:30 2T01	00:12:00
OC-136	PADTONX	19:34:00	19:35:00 5T01	00:01:00
OC-136	WSTBRNP	19:37:00	19:51:30 5T10	00:14:30
OC-136	PADTONX	19:53:30	19:54:30 2T10	00:01:00
OC-136	ABWD	20:24:30	20:36:30 2T57	00:12:00
OC-136	PADTONX	21:04:00	21:05:00 5T57	00:01:00
OC-136	WSTBRNP	21:07:00	21:21:30 5T22	00:14:30
OC-136	PADTONX	21:23:30	21:24:30 2T22	00:01:00
OC-136	ABWD	21:52:30	22:04:00 2T13	00:11:30
OC-136	PADTONX	22:31:30	22:32:30 5T13	00:01:00
OC-136	WSTBRNP	22:34:30	22:54:00 5W70	00:19:30
OC-136	PADTONX	22:56:00	22:57:00 2W70	00:01:00
OC-136	ILFORD	23:23:30	23:24:00 2W70	00:00:30
OC-136	SHENFLD	23:46:30	23:56:00 2L99	00:09:30
OC-136	LIVST	00:34:30	00:39:30 2W74	00:05:00
OC-136	ILFORD	00:55:00	00:55:30 2W74	00:00:30
OC-136	SHENFLD	01:18:00	01:25:30 5W74	00:07:30
OC-136	GIDEPKS	01:35:00		

Diagram OC-137			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-137	OLDOXRD			11:00:00 5W50	
OC-137	OLDOXRW	11:03:00	11:03:00	5W50	00:00:00
OC-137	OLDOXRB	11:07:30	11:07:30	5W50	00:00:00
OC-137	WSTBRNP	11:11:30	11:11:30	5W50	00:00:00
OC-137	PADTONX	11:12:30	11:13:30	2W50	00:01:00
OC-137	ILFORD	11:40:00	11:40:30	2W50	00:00:30
OC-137	SHENFLD	12:05:00	12:17:00	2B45	00:12:00
OC-137	WSTBRNP	13:09:30	13:09:30	2B45	00:00:00
OC-137	MDNHEAD	13:42:00	13:57:30	2B56	00:15:30
OC-137	WSTBRNP	14:34:00	14:34:00	2B56	00:00:00
OC-137	ILFORD	15:02:30	15:03:00	2B56	00:00:30
OC-137	SHENFLD	15:27:30	15:39:30	2W93	00:12:00
OC-137	PADTONX	16:30:00	16:31:00	5D93	00:01:00
OC-137	WSTBRNP	16:32:00	16:32:00	5D93	00:00:00
OC-137	OLDOXRB	16:36:30	16:36:30	5D93	00:00:00
OC-137	OLDOXRW	16:44:30	16:44:30	5D93	00:00:00
OC-137	OLDOXRD	16:47:30	17:26:00	5T90	00:38:30
OC-137	OLDOXRW	17:29:00	17:29:00	5T90	00:00:00
OC-137	OLDOXRB	17:33:30	17:33:30	5T90	00:00:00
OC-137	WSTBRNP	17:37:30	17:37:30	5T90	00:00:00
OC-137	PADTONX	17:38:30	17:39:30	2T90	00:01:00
OC-137	ABWD	18:09:30	18:21:30	2T95	00:12:00
OC-137	PADTONX	18:49:00	18:50:00	5T95	00:01:00
OC-137	WSTBRNP	18:52:00	19:10:30	5W44	00:18:30
OC-137	PADTONX	19:12:30	19:13:30	2W44	00:01:00
OC-137	ILFORD	19:40:00	19:40:30	2W44	00:00:30
OC-137	SHENFLD	20:05:00	20:17:00	2B11	00:12:00
OC-137	WSTBRNP	21:09:30	21:09:30	2B11	00:00:00
OC-137	MDNHEAD	21:42:00	21:57:30	2B20	00:15:30
OC-137	WSTBRNP	22:34:00	22:34:00	2B20	00:00:00
OC-137	ILFORD	23:02:30	23:03:00	2B20	00:00:30
OC-137	SHENFLD	23:25:30	23:36:00	2A45	00:10:30
OC-137	WSTBRNP	00:28:30	00:28:30	2A45	00:00:00
OC-137	HAYESAH	00:45:00	00:56:00	5D45	00:11:00
OC-137	PADTON	01:10:30	01:17:30	5D45	00:07:00
OC-137	OLDOXRB	01:23:00	01:23:00	5D45	00:00:00
OC-137	OLDOXRW	01:31:00	01:31:00	5D45	00:00:00
OC-137	OLDOXRD	01:34:00			

Diagram OC-138			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-138	OLDOXRD			11:15:00 5W52	
OC-138	OLDOXRW	11:18:00	11:18:00	5W52	00:00:00
OC-138	OLDOXRB	11:22:30	11:22:30	5W52	00:00:00



OC-138	WSTBRNP	11:26:30	11:26:30 5W52	00:00:00
OC-138	PADTONX	11:27:30	11:28:30 2W52	00:01:00
OC-138	ILFORD	11:55:00	11:55:30 2W52	00:00:30
OC-138	SHENFLD	12:20:00	12:32:00 2B47	00:12:00
OC-138	WSTBRNP	13:24:30	13:24:30 2B47	00:00:00
OC-138	MDNHEAD	14:00:00	14:15:00 2B58	00:15:00
OC-138	WSTBRNP	14:49:00	14:49:00 2B58	00:00:00
OC-138	ILFORD	15:17:30	15:18:00 2B58	00:00:30
OC-138	SHENFLD	15:42:30	15:54:30 2W95	00:12:00
OC-138	PADTONX	16:45:00	16:46:00 5W95	00:01:00
OC-138	WSTBRNP	16:48:00	16:55:30 5W04	00:07:30
OC-138	PADTONX	16:57:30	16:58:30 2W04	00:01:00
OC-138	ILFORD	17:25:00	17:25:30 2W04	00:00:30
OC-138	SHENFLD	17:50:00	18:02:00 2B93	00:12:00
OC-138	WSTBRNP	18:54:30	18:54:30 2B93	00:00:00
OC-138	MDNHEAD	19:30:00	19:45:00 2B02	00:15:00
OC-138	WSTBRNP	20:19:00	20:19:00 2B02	00:00:00
OC-138	ILFORD	20:47:30	20:48:00 2B02	00:00:30
OC-138	SHENFLD	21:12:30	21:24:30 2P06	00:12:00
OC-138	PADTONX	22:15:00	22:17:30 5W63	00:02:30
OC-138	WSTBRNP	22:19:30	22:39:00 5T30	00:19:30
OC-138	PADTONX	22:41:00	22:42:00 2T30	00:01:00
OC-138	ABWD	23:10:00	23:24:00 2B33	00:14:00
OC-138	WSTBRNP	23:54:30	23:54:30 2B33	00:00:00
OC-138	MDNHEAD	00:30:00	00:37:00 5D33	00:07:00
OC-138	PADTON	01:04:30	01:11:30 5D33	00:07:00
OC-138	OLDOXRB	01:17:00	01:17:00 5D33	00:00:00
OC-138	OLDOXRW	01:25:00	01:25:00 5D33	00:00:00
OC-138	OLDOXRD	01:28:00		

Diagram OC-139			Traction: 345		
Diagram	Location	Arr	Dep	ID	T/A
OC-139	OLDOXRD			11:30:00 5W54	
OC-139	OLDOXRW	11:33:00	11:33:00	5W54	00:00:00
OC-139	OLDOXRB	11:37:30	11:37:30	5W54	00:00:00
OC-139	WSTBRNP	11:41:30	11:41:30	5W54	00:00:00
OC-139	PADTONX	11:42:30	11:43:30	2W54	00:01:00
OC-139	ILFORD	12:10:00	12:10:30	2W54	00:00:30
OC-139	SHENFLD	12:35:00	12:47:00	2B49	00:12:00
OC-139	WSTBRNP	13:39:30	13:39:30	2B49	00:00:00
OC-139	MDNHEAD	14:12:00	14:27:30	2B60	00:15:30
OC-139	WSTBRNP	15:04:00	15:04:00	2B60	00:00:00
OC-139	ILFORD	15:32:30	15:33:00	2B60	00:00:30
OC-139	SHENFLD	15:57:30	16:09:30	2W01	00:12:00
OC-139	PADTONX	17:00:00	17:01:00	5D01	00:01:00
OC-139	WSTBRNP	17:02:00	17:02:00	5D01	00:00:00

OC-139	OLDOXRB	17:06:30	17:06:30	5D01	00:00:00
OC-139	OLDOXRW	17:14:30	17:14:30	5D01	00:00:00
OC-139	OLDOXRD	17:17:30	17:55:00	5T94	00:37:30
OC-139	OLDOXRW	17:58:00	17:58:00	5T94	00:00:00
OC-139	OLDOXRB	18:02:30	18:02:30	5T94	00:00:00
OC-139	WSTBRNP	18:06:30	18:06:30	5T94	00:00:00
OC-139	PADTONX	18:07:30	18:09:30	2T94	00:02:00
OC-139	ABWD	18:39:30	18:51:30	2T99	00:12:00
OC-139	PADTONX	19:19:00	19:20:00	5T99	00:01:00
OC-139	WSTBRNP	19:22:00	19:40:30	5W48	00:18:30
OC-139	PADTONX	19:42:30	19:43:30	2W48	00:01:00
OC-139	ILFORD	20:10:00	20:10:30	2W48	00:00:30
OC-139	SHENFLD	20:35:00	20:47:00	2B15	00:12:00
OC-139	WSTBRNP	21:39:30	21:39:30	2B15	00:00:00
OC-139	MDNHEAD	22:12:00	22:27:30	2B24	00:15:30
OC-139	WSTBRNP	23:04:00	23:04:00	2B24	00:00:00
OC-139	ILFORD	23:32:30	23:33:00	2B24	00:00:30
OC-139	SHENFLD	23:57:00	00:06:00	2L01	00:09:00
OC-139	LIVST	00:44:30	00:55:00	2W78	00:10:30
OC-139	ILFORD	01:10:30	01:11:00	2W78	00:00:30
OC-139	SHENFLD	01:33:30	01:41:00	5V78	00:07:30
OC-139	GIDEPKS	01:50:30			

Diagram OC-140		Traction: 345			
Diagram	Location	Arr	Dep	ID	T/A
OC-140	SHENFDS			11:51:30	5W61
OC-140	SHENFLD	11:53:30		12:02:00	2B43
OC-140	WSTBRNP	12:54:30		12:54:30	2B43
OC-140	MDNHEAD	13:30:00		13:45:00	2B54
OC-140	WSTBRNP	14:19:00		14:19:00	2B54
OC-140	ILFORD	14:47:30		14:48:00	2B54
OC-140	SHENFLD	15:12:30		15:24:30	2W89
OC-140	PADTONX	16:15:00		16:16:00	5W89
OC-140	WSTBRNP	16:18:00		16:25:30	5W94
OC-140	PADTONX	16:27:30		16:28:30	2W94
OC-140	ILFORD	16:55:00		16:55:30	2W94
OC-140	SHENFLD	17:20:00		17:32:00	2B89
OC-140	WSTBRNP	18:24:30		18:24:30	2B89
OC-140	MDNHEAD	19:00:00		19:15:00	2B98
OC-140	WSTBRNP	19:49:00		19:49:00	2B98
OC-140	ILFORD	20:17:30		20:18:00	2B98
OC-140	SHENFLD	20:42:30		20:54:30	2P02
OC-140	PADTONX	21:45:00		21:46:00	5P02
OC-140	WSTBRNP	21:48:00		21:55:30	5W66
OC-140	PADTONX	21:57:30		21:58:30	2W66
OC-140	ILFORD	22:25:00		22:25:30	2W66



OC-140	SHENFLD	22:49:00	22:56:00	2W69	00:07:00
OC-140	PADTONX	23:46:30	23:47:30	5W69	00:01:00
OC-140	WSTBRNP	23:49:30	00:09:00	5B30	00:19:30
OC-140	PADTONX	00:11:00	00:12:00	2B30	00:01:00
OC-140	ABWD	00:40:00	00:47:00	5T34	00:07:00
OC-140	PLMSDXR	00:56:00			

**■** Diagram OC501                      Traction: 345  
Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	MDNHDRS			05:30:00
	MDNHDRS	20:00:00		

**■** Diagram OC502                      Traction: 345  
Operational Spare Unit  
Available for use by CTOC as required

Diagram	Location	Arr	Dep	ID
	ILFEMUD			05:30:00
	ILFEMUD	20:00:00		

**SCHEDULE D3**

**Security and Resilience (Operations)**

## **SCHEDULE D3**

### **Security and Resilience (Operations)**

#### **1. GENERAL REQUIREMENTS**

- 1.1 The SP shall have responsibility for all security at the OOC Depot during the Services Period and the provisions of this schedule relate to the SP's obligations during the Services Period.
- 1.2 The SP shall comply with security arrangements at sites other than the OOC Depot where it is required to be present from time to time pursuant to delivering its obligations under this Agreement.
- 1.3 RfL shall comply, and shall procure that the CTOC complies, with reasonable security arrangements put in place by the SP at the OOC Depot.
- 1.4 To the extent that the SP requires facilities in addition to those specified in this Agreement to deliver its security and resilience obligations set out in this schedule, such facilities shall be provided and maintained by the SP at its own cost and be a Return Asset for the purposes of the Agreement.
- 1.5 The SP shall develop and implement security and resilience measures in accordance with the requirements of this Agreement, Good Industry Practice, all Applicable Laws and Standards and the Department for Transport's National Railways Security Programme and that are appropriate for a railway system where, inter alia:
- (a) the safety and security of railway employees, contractors, passengers and the general public;
  - (b) the protection of assets; and
  - (c) the ability to prevent disrupting events impacting on the provision of the Services and the ability to recover in the shortest possible time,

are of paramount importance and the SP shall devise and implement prevention and mitigation measures based on a robust assessment of threat and vulnerability risk.

#### **2. SECURITY AND RESILIENCE MANAGEMENT SYSTEM**

- 2.1 The SP shall develop, submit to RfL for Assurance Acceptance, implement and maintain for the duration of the Services Period a security and resilience management system ("**SecResOps**") with associated working procedures for implementing the strategy and plans.
- 2.2 The SecResOps and associated working procedures shall set out the SP's policy, plans and procedures for the following security matters, as a minimum:
- (a) securing and monitoring of the OOC Depot perimeters including detection and enunciation of intruders;
  - (b) control and monitoring of access to the OOC Depot and to zones within the OOC Depot, including buildings and offices, for staff and visitors;
  - (c) reliability of surveillance equipment and the process of distinguishing between intruders and normal movement of authorised persons, trains and vehicles and enunciating unauthorised intrusion to security staff;

- (d) control of personnel and vehicular access to the OOC Depot and zones therein, including levels of access rights granted to different staff and visitor categories and the recording of details of vehicles and personnel gaining access;
- (e) control of parking;
- (f) process for live monitoring, recording, retrieving and management of CCTV footage, including appropriate controls to safeguard the admissibility of CCTV evidence in a court of law;
- (g) types of staff and visitor identification and access passes, and the processes by which they will be issued and rescinded (including consideration as to the use of biometric-based access authorisation);
- (h) risk based vetting of staff in accordance with good practice guidance issued by the Centre for the Protection of National Infrastructure, including but not limited to:
  - (i) true identity;
  - (ii) right to work in the UK;
  - (iii) criminal convictions; and
  - (iv) verification of qualifications and training;
- (i) vehicle and person searches, including processes for the SP informing itself of increased national threat levels and the implementation of appropriate enhanced search procedures during such times;
- (j) protection and storage of dangerous materials;
- (k) protection of equipment from, and detection of, damage and theft;
- (l) security of drainage and other subterranean cavities;
- (m) any special arrangements for security and surveillance of critical locations such as substations, plant rooms and equipment cubicles, and normally unoccupied or secluded vantage points;
- (n) protocols for reacting to security breaches and reporting crime;
- (o) security of supervisory, control and data acquisition (SCADA) systems from, inter alia, cyber attack and sabotage including insider threat, taking due cognisance of good practice guides issued by the Centre for the Protection of National Infrastructure; and
- (p) security of communication systems, including radios and telephones.

2.3 The SecResOps and associated working procedures shall set out the SP's policy, plans and procedures for the following resilience matters, as a minimum, in the event of an emergency, disruption or degradation of facilities at the OOC Depot or if called upon by any of RfL, Infrastructure Managers or the CTOC in support of service recovery on Crossrail Infrastructure:

- (a) on-call arrangements (including publication of contact details) for senior staff required to give direction to SP staff and contractors, and liaise with, inter alia, RfL, the CTOC, Infrastructure Managers and emergency services;

- (b) emergency and disruption planning, training, liaison and information sharing arrangements with emergency services, RfL, the CTOC, relevant Infrastructure Managers, utility companies and neighbouring Operators such that RfL and the CTOC may discharge their obligations as Category 2 responders under the Civil Contingencies Act 2004;
- (c) planning and participation in exercises to test emergency procedures;
- (d) contact arrangements (including publication of contact details) for principal on-duty maintenance, security and depot operations staff;
- (e) day to day liaison arrangements with the CTOC and relevant Infrastructure Managers;
- (f) evacuation of ambulant, disabled or injured persons in response to all foreseeable scenarios;
- (g) loss of power to, or defective, track points and lighting and other infrastructure defects, including how infrastructure condition will be continuously monitored, defects reported and mitigating actions taken;
- (h) re-railing of derailed Vehicles;
- (i) movement of failed or damaged Units;
- (j) signalling/ depot protection system defects;
- (k) Unit routine-testing equipment failures (including infrastructure based AWS, CBTC, PED and wheel damage testing/ monitoring equipment);
- (l) damaged overhead wires and other traction power supply interruptions;
- (m) business continuity plans in the event of loss of maintenance facilities (including train washer, wheel lathe and other fixed or moveable plant), or office facilities at the OOC Depot or loss of business-critical support facilities at other SP managed sites;
- (n) fire or explosion in the OOC Depot facilities or on adjacent property or on a Unit or Vehicle in the OOC Depot or under the control or supervision of the SP at other locations;
- (o) flood and adverse weather conditions (including low and high ambient temperatures in working areas) including the effect on depot asset condition and adaptation of maintenance plans to mitigate against accelerated degradation through changes in weather patterns;
- (p) bomb or other terrorist threats;
- (q) release of toxic or flammable material;
- (r) demonstrations/ civil unrest at the OOC Depot boundary; and
- (s) trespass (including by large groups).

2.4 The SP shall co-operate with, inter alia, RfL and the CTOC in developing security and resilience plans and procedures. The SecResOps shall include a joint security and resilience plan that identifies areas of interface between the SP, Subcontractors, the CTOC and other parties in performance by the SP of its obligations under this Agreement and

sets out the processes by which compatible practices are developed in cooperation and agreement with those parties, implemented and periodically reviewed.

- 2.5 The SecResOps shall cover the full extent of the SP's activities in delivering its obligations under this Agreement during the Services Period. For the avoidance of doubt this includes activities undertaken by the SP at the OOC Depot and all locations on Crossrail Infrastructure and at any UK location away from the Crossrail Infrastructure and OOC Depot directly related to the delivery of the SP's obligations under this Agreement, for instance, support offices and spares warehousing.
- 2.6 The SecResOps shall define how the SP will ensure the security and safety of people and property at the OOC Depot, other SP managed sites on or adjacent to Crossrail Infrastructure and connected with the delivery of the SP's obligations under this Agreement and on neighbouring property to the extent that the SP's activities could have an impact.
- 2.7 The SecResOps shall define how the SP will ensure the security and safety of people and property when carrying out its obligations under this Agreement at sites not managed by the SP. For instance, at the CTOC Control Room, stations, stabling sites or maintenance facilities other than OOC Depot, the SP shall define the means by which it will control the authorisation of employees or Subcontractors to attend those locations on the SP's behalf.
- 2.8 The SecResOps shall define the processes by which Units will be left secured against unauthorised access at the OOC Depot and when accessed by the SP in the course of performing its obligations under this Agreement at other locations.
- 2.9 The SecResOps shall define the strategy and plans by which the SP will minimise the likelihood of harmful or disruptive events and prepare, manage and recover from disrupting events whether natural, malicious or accidental. The SecResOps and associated working procedures for implementing the strategy and plans shall be consistent with the principles of the TfL Resilience Management Policy Framework set out in appendix 1 to this schedule.
- 2.10 The SecResOps shall define the strategy and plans by which the SP will ensure the security of information provided to or generated by the SP. The SecResOps and associated working procedures for implementing the strategy and plans shall be consistent with the principles of the TfL Information Security Policy set out in appendix 2 to this schedule.
- 2.11 The SP shall require its Subcontractors to comply with the SP's security procedures and to implement complementary resilience management systems that comply with the SecResOps.

### 3. **DOCUMENTATION AND TIMING**

- 3.1 A preliminary SecResOps shall be submitted for Assurance Acceptance no later than nine months after the Commencement Date and a final SecResOps shall be submitted for Assurance Acceptance no later than 18 months after the Commencement Date.
- 3.2 The SecResOps shall list and describe all associated working procedures to be developed by the SP in order for the SP to comply with the SecResOps.
- 3.3 Preliminary associated working procedures shall be developed by the SP and submitted for Assurance Acceptance no later than 12 months after the Commencement Date. Final associated working procedures shall be submitted by the SP for Assurance Acceptance no later than nine months prior to the Contractual Provisional Acceptance Date of the first Unit.

3.4 All changes to the SecResOps and associated working procedures shall be submitted for Assurance Acceptance prior to changes being implemented.

#### 4. **REPORTING OF SECURITY INCIDENTS AND INVESTIGATIONS**

4.1 In addition to any statutory duty of the SP to report security breaches or emergencies to Competent Authorities, the SP shall immediately notify RfL of such incidents or interventions by Competent Authorities. The SP shall immediately notify RfL of any other security or resilience incident arising from the matters contemplated in paragraphs 2.2 and 2.3 above. RfL shall nominate the person to whom all such notifications shall be made. Such incidents shall be recorded in the Maintenance Progress Report. When required by RfL to do so in relation to incidents contemplated by paragraph 4.1, the SP shall at its own cost:

- (a) ensure the prompt investigations of incidents and provide a copy of an initial investigation report within 48 hours of the incident (or such extended period acceptable by RfL on a case by case basis);
- (b) permit RfL, the CTOC and, to the extent the incident involved or could reasonably have involved another party, a representative of those parties to participate in the SP's investigations;
- (c) provide any documentation, information and reports reasonably requested by RfL as part of an investigation to an agreed timescale;
- (d) use appropriate techniques and expertise to accurately determine root causes of incidents and measures to be taken to avoid re-occurrence; and
- (e) respond to all reasonable comments from RfL on investigation reports within a reasonable timeframe and implement agreed actions.

4.2 The SP shall co-operate fully with investigations initiated by RfL or Competent Authorities including access to SP managed premises, SP employees for interview and the provision of documents and data. The SP shall provide RfL with a copy of all information provided by the SP to other parties pursuant to such investigations.

#### 5. **MANAGEMENT STRUCTURE**

5.1 The SecResOps shall define the SP's management structure accountable and responsible for the SecResOps and associated working procedures, and for ensuring compliance with those documents.

5.2 The SP shall appoint a suitably experienced security manager (the "**Operations Security Manager**") normally resident at the OOC Depot to act on behalf of the SP in all security matters related to its obligations under this Agreement. The role of Operations Security Manager is a Key Post for the purposes of the Agreement.

5.3 The SP shall identify the person normally resident at the OOC Depot and responsible for acting on behalf of the SP for all day-to-day resilience matters related to the SP's obligations under this Agreement (the "**Operations Resilience Manager**"). The role of the Operations Resilience Manager is a Key Post for the purposes of the Agreement and may be carried out by a person who also undertakes another Key Post.

#### 6. **REVIEW MEETINGS AND AUDITS**

6.1 The SP shall attend, on reasonable notice, security and resilience review meetings convened from time to time by RfL to assess the effectiveness of security and resilience planning and practices at the OOC Depot and on Crossrail Infrastructure.



- 6.2 The SP shall carry out, as a minimum every six months, a security and resilience management review meeting. RfL and the CTOC and to the extent the review covers activities which affect other parties (including emergency services and Infrastructure Managers), those other parties, shall be invited to attend the security and resilience management reviews convened by the SP.
- 6.3 The SecResOps shall contain an audit plan based on the principle of progressive compliance assurance by means of regular inspections and, as a minimum, quarterly audits of specific aspects of the SecResOps and associated working procedures. The quarterly audits shall be carried out at the SP's expense by a suitably qualified auditor.
- 6.4 The SP shall submit a detailed audit programme to RfL for Assurance Acceptance no later than six months prior to the Contractual Provisional Acceptance Date of the first Unit.
- 6.5 The provisions of this paragraph 6 are without prejudice to RfL's general right of audit pursuant to clause 5.12 of the Agreement.
- 6.6 The results of the quarterly audits, including auditor observations, non conformances and corrective actions, shall be reported by the SP in a quarterly security and resilience report (the "**Quarterly Security and Resilience Report**").
- 6.7 The Quarterly Security and Resilience Report shall provide full details of, inter alia, all incidents related to those matters contemplated in paragraphs 2.2 and 2.3 above including investigations held, reports published, remedial actions planned and any remedial action implementation status.
- 6.8 The Quarterly Security and Resilience Report shall report on audits completed versus audits planned and site inspections completed against inspections planned.
- 6.9 The SP shall develop and submit annually a security and resilience report and improvement plan (the "**Annual Security and Resilience Report and Improvement Plan**") which shall, as a minimum, include:
- (a) a summary of the year's security and resilience activities and incidents;
  - (b) a restatement of the SP's security and resilience strategy;
  - (c) impact of any new or amended Laws (including instructions issued by the Secretary of State under existing Legislation);
  - (d) security and resilience management reviews carried out by the SP in the year;
  - (e) a summary of the quarterly audit reports including incidents and remedial actions;
  - (f) a report on the degree to which the SP has achieved its targets set in the previous year's annual improvement plan; and
  - (g) an improvement plan for the next year setting out targets for further reductions in risks related to the SP's activities in delivering its obligations under this Agreement and how the SP intends to deliver them.
- 6.10 RfL shall be entitled to instruct the SP in writing to implement reasonable additional security or resilience measures from time to time. On receipt of such instructions the Parties shall agree an implementation timescale and the SP shall then implement the measures in accordance with that agreed timescale.

## **APPENDIX 1**

### **TfL Resilience Management Policy Framework**

#### **1. PURPOSE OF THE RESILIENCE MANAGEMENT POLICY FRAMEWORK**

- 1.1 The TfL Resilience Management Policy Framework sets out TfL's approach to minimising the likelihood of harmful or disruptive events and maintaining adequate capability to prepare for, manage and recover from such events whether malicious, accidental or natural.
- 1.2 This policy applies to all TfL employees, all TfL Group companies and all those not directly employed by TfL who when working on behalf of TfL might have an impact on TfL's resilience.

#### **2. POLICY STATEMENT**

TfL is committed to ensuring that it has processes to assess, and controls to minimise the likelihood and potential impact of any operational or non-operational harmful or disruptive events. We will ensure the security of staff, customers and contractors, assets, including information, and service delivery. We will prepare for and be able to efficiently recover from harmful; or disruptive events from whatever cause. We will have effective and tested plans and procedures to minimise harm to people and the environment, damage to property, financial impacts and damage to reputation following a harmful or disruptive event. All resilience planning and responses will be based on the principle of 'prudent over-reaction'.

#### **3. RESILIENCE MANAGEMENT POLICY FRAMEWORK**

- 3.1 TfL will fulfil the policy requirements by ensuring that all areas of TfL have the capability to:
  - (a) reduce the risk of harmful or disruptive events to an acceptable level by structured review of existing processes, changes and new projects;
  - (b) manage immediate impacts; and
  - (c) recover effectively from a harmful or disruptive event.
- 3.2 TfL will achieve this by having systems to identify and reduce risks and maintaining emergency, contingency and recovery plans that staff are trained to use, that are tested and are regularly reviewed and updated.
- 3.3 Each business area has responsibility for ensuring that its activities are adequately resilient by assessing and controlling risks and by developing and maintaining emergency, contingency and business recovery plans.
- 3.4 In line with the requirements placed on it as a Category 2 responder under the Civil Contingencies Act 2004, and as a transport provider, TfL will contribute to the resilience of London and be prepared to support post-incident recovery in London by providing transport services. These requirements and processes for their delivery will be maintained in conjunction with partner organisations involved in maintaining London's resilience capability.

#### **4. ASSESSING AND CONTROLLING RISKS**

- 4.1 Resilience is a risk recognised in TfL's Strategic Risk Management Framework. TfL will ensure that resilience is considered and addressed through routine Risk Management and

when projects are planned or changes introduced, including during procurement processes.

4.2 The appropriateness and adequacy of proposals to address resilience in projects will be addressed during business case development, business planning processes and project and programme approvals.

4.3 TfL will establish standards and procedures for the security of staff, customers and contractors and assets, including information and service delivery. TfL will have the capability to receive and respond to security information through planned and documented processes.

## 5. **EMERGENCY, CONTINGENCY AND BUSINESS RECOVERY PLANNING**

TfL will maintain emergency management, contingency management and recovery management plans supporting the resilience objectives of TfL which are reviewed and updated as appropriate.

## 6. **ASSURANCE**

6.1 Assurance of the TfL Resilience Management Policy Framework will be provided via four principal mechanisms. These are: management, the TfL Risk Management processes, internal audit and resilience assurance letters.

6.2 The Risk Management process identifies significant business risks, including resilience risks and captures the mitigations in place and additional mitigations that are planned.

6.3 Internal audits are planned and conducted in accordance with a structured risk based plan that identifies the significant risks to TfL and then audits and reports against those.

6.4 The resilience assurance letter process requires each managing director to report annually on compliance with the TfL Resilience Management Policy Framework.

## 7. **REVIEW AND AMENDMENTS**

This policy is owned by General Counsel and this version was agreed by the Safety, Health and Environment Assurance Committee on 20 July 2010. It will be reviewed annually and changes will be reported to the Safety, Health and Environment Assurance Committee. The TfL Group HSE Director can be contacted for advice and guidance on the content and implementation of this Policy.

## 8. **GLOSSARY**

**"Resilience Management"** means the process of minimising the likelihood of, and impact from, operational and/or non-operational harmful or disruptive events, whether malicious, accidental or natural, and minimising harm to people and the environment, damage to property, financial impacts and damage to reputation. Providing security for employees, contractors, customers, assets, including information and service delivery is an integral part of resilience management.

**"Risk Management"** means understanding the threats to a business or elements of it, assessing the likelihood of these threats being realised and identifying mechanisms for reducing the threats, or their likelihood, to an acceptable level.

**"Incident"** means an unplanned, natural or malicious event or accident that threatens or disrupts normal operations, services or other aspects of the ability to do business.

**"Emergency Management"** means managing the response to, and containment of, the impact of an incident upon normal operations or services.

**"Contingency Management"** means maintaining critical operations or services during a disruption with significant impact on the organisation.

**"Recovery Management"** means managing business recovery to return to normal operations or services following an incident.

**"Emergency, Contingency and Business Recovery Planning"** means management of the development, maintenance and implementation of emergency, contingency and business recovery plans.

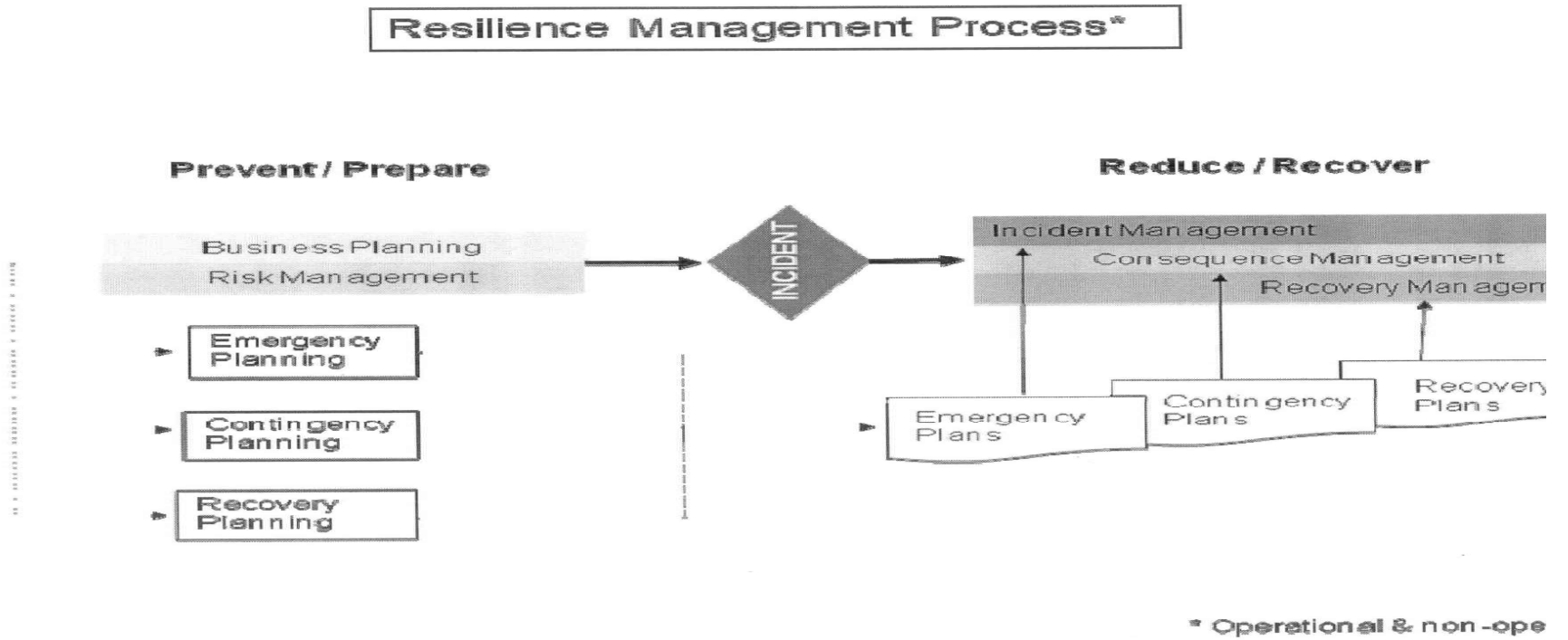
**"Emergency and Contingency Plans"** means procedures and information used at the time of an incident to minimise harm to people, the environment, damage to property and to contain the impact of the incident.

**"Recovery Plans"** means procedures and information for managing the recovery of normal operations or services which have been significantly impacted by an incident.

**"Security Management"** means minimising threats to employees, contactors, customers, assets, including information, and service delivery.

**"Relationship of the key resilience related processes"** means the relationship set out in Diagram 1 below.

Diagram 1 – Resilient Management Process



## APPENDIX 2

### TfL Information Security Policy

Issue date: 16 December 2009

Effective: 1 January 2010

This supersedes any previous TfL information security policy.

#### 1. PURPOSE

1.1 The objective of this policy is to ensure that all the Information TfL holds in order to deliver its services and operations is managed with appropriate regard for Information Security, so as to:

- (a) protect its integrity, availability, and confidentiality;
- (b) minimise the potential consequences of information security breaches by preventing their occurrence in the first instance, or where necessary, containing and reducing their impact; and
- (c) ensure that personal data is afforded the protection required by the Data Protection Act 1998.

1.2 This policy applies to all Information held by TfL in any form or medium, electronic, paper or otherwise, including all data held on, or processed by, TfL systems.

1.3 External service providers must adhere to the principles of this policy; compliance will be monitored through contractual arrangements and audits.

#### 2. DEFINITIONS

**"Information"** means any information, data or records, irrespective of format, which are generated or used by a business system or process. Examples include electronic communications, emails, video or digital recordings, hard copy (paper) files, images, graphics, maps, plans, technical drawings, programs, software and all other types of data.

**"Information Owners"** means senior managers, who are responsible for managing the acquisition, creation, maintenance and disposal of TfL's Information and Information Systems within their assigned area of control.

**"Information Risk"** means that part of TfL's overall risk portfolio which relates to the, integrity, availability and confidentiality of Information within the TfL Group.

**"Information Security"** means the ability to protect the integrity, availability, and confidentiality of Information held by TfL and to protect Information from unauthorised use, modification, accidental or intentional damage or destruction.

**"Information Security Breach"** means an Information Security Incident where it is confirmed that a stated organisational policy or legal requirement regarding Information Security has been contravened.

**"Information Security Incident"** means a single or a series of unwanted or unexpected Information Security events that have a significant probability of compromising business operations and threatening information security.

**"Information System"** means information in all media, hardware, software and supporting networks and the processes and human resources that support its acquisition, storage and communication.

**"TfL Personnel"** includes all TfL employees as well as all temporary staff, contractors, consultants and any third parties with whom special arrangements (such as confidentiality and non-disclosure agreements) have been made.

**"Transport for London"** or **"TfL"** means the statutory corporation and its operating subsidiaries.

### 3. **ORGANISATIONAL SCOPE**

This policy applies to TfL and to any commercial organisations or service providers (including agencies or consultancy companies) contracted to carry out work for TfL.

### 4. **POLICY STATEMENT**

4.1 TfL depends on Information and Information Systems to support and develop its key business objectives, including the provision of public transport services and the implementation of the Mayor of London's Transport Strategy. TfL will adopt appropriate technical and organisational arrangements in accordance with this policy to protect the resilience, integrity, availability and confidentiality of the Information it holds (including personal data relating to both customers and employees) and the systems in which the Information resides.

4.2 This policy has been developed with reference to the following best practice standards and guidance:

- (a) Information Security Standard ISO/IEC 27001 and associated Code of Practice for Information Security ISO/IEC 27002:2005;
- (b) Her Majesty's Government Security Policy Framework;
- (c) Cross Government Mandatory Minimum Measures for Data Handling;
- (d) Government Protective Marking Scheme; and
- (e) Payment Card Industry Data Security Standard.

### 5. **POLICY CONTENT**

TfL's policy is to ensure that:

5.1 Information Security is considered as a fundamental and integral part of all TfL operations.

5.2 Statutory requirements to safeguard the security of Information are met and the accuracy, completeness and segregation of personal data are assured.

5.3 Information is accessible to authorised users when they need it and is assigned an appropriate security classification.

5.4 IT systems, networks and other key infrastructure components are protected from harm and the integrity of Information is maintained and protected from attack and unauthorised access or alteration.

5.5 Information Risk will be considered and afforded a priority in decisions within TfL in the same way as financial and operational risk. This will be reflected in corporate and local



risk registers. Information Risk will be managed by a process of identifying, controlling, minimising and/or eliminating risks that may affect TfL's information or information systems.

- 5.6 Business continuity plans, including disaster recovery plans, are implemented to support business needs and appropriate Information Security training is given to TfL Personnel.
- 5.7 All Information Security Breaches, actual or suspected, are reported and investigated and a culture exists where improving Information Security procedures is encouraged.
- 5.8 All necessary measures are taken in order to comply with the Payment Card Industry Data Security Standards which are mandatory for organisations processing payment card transactions.

## 6. **RESPONSIBILITY FOR INFORMATION SECURITY**

- 6.1 Each TfL employee is responsible for actively supporting this policy and must ensure that their use of TfL's Information or Information Systems is in accordance with it. Employees must seek advice in the event of uncertainty in relation to this issue.
- 6.2 All cost centre and project managers are directly responsible for the security of Information within their business areas.
- 6.3 Information Owners are responsible for ensuring that TfL Personnel within their area of control are aware of this policy and are adequately trained in Information Security.
- 6.4 Information Owners are responsible for the assessment and reporting of Information Risk within each business unit.
- 6.5 Information Owners will define and document relevant statutory and contractual requirements for Information Systems.
- 6.6 Information Owners will implement appropriate procedures to ensure compliance with legal restrictions on the use of material in respect of which there may be intellectual property rights including copyright, design rights and trademarks.
- 6.7 Information Owners, with support from TfL's business continuity teams, will manage and co-ordinate strategies for resilience, including business recovery following information loss or corruption or unauthorised disclosure or access.
- 6.8 TfL's business continuity teams are responsible for co-ordinating the creation and maintenance of business continuity plans for all departments across TfL, which take account of the requirements of this policy where appropriate.
- 6.9 The Information Access and Compliance Team ("**IACT**"), Fraud and Security and IM Operational Security are responsible for managing actual or suspected Information Security Incidents and breaches and recommending additional or improved security measures to prevent the reoccurrence of such incidents and breaches.
- 6.10 IACT is responsible for the interpretation of this policy, for monitoring compliance with the policy and for providing advice and guidance on its implementation.
- 6.11 Your information manager is responsible for advising TfL on the technical measures required to implement this policy and for their implementation on TfL's Information Systems and for ensuring that appropriate technical measures are in place to protect the security of electronic Information.

**7. PROCEDURES/GUIDELINES/PROCESSES**

- 7.1 All Information held by TfL must be managed in accordance with TfL's Privacy and Data Protection Policy, Information and Records Management Policy and Information Access Policy.
- 7.2 Appropriate Information Security procedures and TfL Standards will be implemented in support of this policy. These will include standards and procedures as listed in the Annex to this policy.
- 7.3 TfL will have in place an Information Security Classification Standard for protectively marking Information. Security classifications will be applied to all of TfL's Information on creation or receipt, irrespective of format or medium, and Information classified according to this standard must be transmitted, stored and disposed of as required by the classification standard and its accompanying instructions.
- 7.4 TfL personnel handling Information which has been protectively marked in accordance with Her Majesty's Government Security Policy Framework will adhere to the requirements of such Security Policy Framework.
- 7.5 Actual or suspected Information Security Incidents involving personal or sensitive personal data (as defined by the Data Protection Act 1998) must be reported to IACT in order for the incident to be managed in accordance with the Incident Management Procedure for the Loss or Unauthorised Disclosure of Personal Data.
- 7.6 TfL Internal Audit will perform a periodic audit of the security processes, procedures and practices of TfL and its service providers to monitor compliance with this policy.

**8. APPROVAL AND AMENDMENTS**

- 8.1 This policy was approved by the Commissioner on 18 November 2009.
- 8.2 This policy was approved by the Audit Committee on 16 December 2009.
- 8.3 This policy will be subject to periodic review as considered appropriate by General Counsel.

**9. POLICY OWNER**

- 9.1 TfL's General Counsel is the designated owner of this policy.

## **ANNEX to APPENDIX 2**

### **Information Security Standards and procedures**

Standards and procedures covering the following topics will be implemented in support of the Information Security Policy:

1. Physical security of data centres, communications rooms and sensitive zones
2. Incident management
3. Business continuity
4. CMDB (IT asset register)
5. Security vetting for sensitive roles within Information Management
6. IT user registration
7. Back-up
8. Cryptographic controls
9. Third party connections
10. Change management
11. Development and test areas
12. Access controls
13. System requirements analysis
14. Mobile computing and remote working
15. Input data validation
16. Integrity of software and information
17. Acceptable use and user responsibilities
18. Information handling