

**DOCKLANDS LIGHT RAILWAY Ltd**

**AUDIO and VISUAL INFORMATION SYSTEM  
(AVIS)**

**AVIS 2 Data Requirements Document (B2007)**

**Document Ref:- 4016/AVIS2/0676**

**Updates in issue 14**

- 1 Correction to SDO text and audio messages.
- 2 Correction to CUS and PRR destination messages
- 3 Correction to audio phase 16521

**Affects**

Message type 2, 3, 5, 6, 7 and 8 have been modified (messages only, no change to Thales triggers).  
Modification to text and audio (messages only, no changes to Thales triggers).  
Update documentation to reflect audio file (documentation only, no changes to Thales triggers).

Stakeholders Approval			
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Issue	1	2	3	4	5	6	7	8	9	10	11	12	13	14	14b
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**Note:** Text highlighted in red indicates additions within the document whilst text highlighted in green indicates a removal since last issue.

## Notes to AVIS spreadsheet

### Scenarios.

This page shows the sequence of messages for the most typical operating scenarios. Any additional scenarios which are encountered should use the same principles. Each scenario has been shown with one of the relevant lines, this is just for example, the same scenarios exist for other lines.

The message reference numbers given allow for a cross check to the individual message lists.

### Type 1.

This message type should be triggered as soon as the train starts to move from selected station, it applies whenever the next station is not a terminal for the train concerned.

As the message id. Identifies the 'next open station' each message can be triggered from a number of locations and for trains on several lines.

Example 1.

Message 18, 'next stop Devons Road' may be triggered on departure from Langdon Park 1, or from All Saints 1 if Langdon Park is closed, etc. in the down direction. In the up direction it may be triggered from Bow Church 1, Bow Church 2, or from Pudding Mill Lane if Bow Church is closed etc. This would apply to lines 4, 6, 13, 20, 24, 26, 29, 33, 49, 64, 68, 73, etc. Message 18 may also be triggered departing from these platforms and also from departing Langdon Park 2 in the down direction for any shuttles set up to run through Devons Road.

Where 'DESTINATION' appears in the message the display should use the destination from the last type 4 message received. The display format to be as given on the 'Destination Listing'.

### Type 2.

This message type is triggered on the approach to a station allowing sufficient time for the audio message to be completed before the train stops in the platform, it should be noted that the messages for interchange stations are quite long and require more time than a standard message. It applies on approach to all stations except terminals or exit stations where a type 6 message is used.

For most stations the message will be used for all approaches but for main interchange stations different messages are needed depending on the specific approach and line that the train is on. The notes in the trigger section of the list summarise the purpose of each message. Any other approaches not mentioned such as wrong line running (eg. shuttles) should use the most appropriate message, if in doubt consult DLRL.

For stations with Selective Door Opening (SDO) alternative approach messages are provided for use only with 3-car trains.

Where 'DESTINATION' appears in the message the display or announcement should use the destination from the last type 4 message received. The display format to be as given on the 'Destination Listing'.

Security announcements will be made at selected stations, reminding passengers to take all their belongings with them.

### Type 3.

This message type is straightforward and is used in all cases except where the train's next move is 'out of service'.

For stations with Selective Door Opening (SDO) alternative docked messages are provided for use only with 3-car trains.

Where 'DESTINATION' appears in the message the display should use the destination from the last type 4 message received. The display format to be as given on the 'Destination Listing'.

### Type 4.

This message is used to update the train with a new destination, this will always show in the external display and will be used in the internal display and audio messages as required by the other message types. The internal display should also default to indicating the 'destination' if no other message has been received for 4 minutes.

This message will be sent whenever the train is assigned to a line or run and whenever placed onto a shuttle. It will be updated on departure from each station, normally immediately following a type 1 or type 5 message, where the type 1 or 5 message is omitted because of a short section the type 4 message should still be sent.

When approaching a terminal (which is also the turnback station) the new destination should be sent on departure from the previous station. Therefore passengers on the platform at the terminal can read the new destination as the train approaches.

When a turnback at headshunt/pseudo station is being performed an 'out of service' destination message should be sent when departing towards the terminus. The new destination message should only be sent when entering the headshunt/pseudo station.

Note that where a destination includes a 'VIA' message the destination is to be changed to remove the VIA on departure from the station prior to the via station.

### Type 5.

This message is used instead of a type 1 message when the next station is a terminal. This allows for the internal and external signs to show different destinations. See the Scenario page for the method of application.

### Type 6.

This message is used instead of a type 2 message when the next station is a terminal. This allows for the internal and external signs to show different destinations. See the Scenario page for the method of application.

### Type 7.

This message is used instead of a type 3 message when the train docks at a station where it will go out of service. Such stations will be those where trains terminate using a headshunt and those where the train is exiting to the depot.

### Type 8.

This message type is for special situations, three have been defined. The first is used on departure from a station where a type 7 message was used on docking. This serves to alert any passengers who inadvertently remained on board that they need to seek help.

The second is used on departure from a station where the train will stop and reverse on the way to the next station and serves to warn passengers so that they do not get disturbed by the reversal.

The third type is utilised for three car selective door operations. At particular stations the platform is not long enough for three car trains therefore an announcement is required to inform passengers the front and rear doors within the leading and trailing vehicle will not open. If passengers want to alight they will have to use the doors within the centre section of the train. Note: the first two situations are temporarily out of use.

### Destinations

This page lists all the destinations on the system and shows the display formats for the various different displays.

### Phrases

This page lists the individual phrases used to build the audio messages.

AVIS Interface Definition

Message type	Bits	Description
1, Departure from Station	000	Triggered when train starts to move, (may be omitted on short sections where time is needed for type 2 or 6 message#1)
2, Approaching Station	001	Triggered on approach to station so that Audio message has time to complete before train stops
3, Docked at Station	010	Triggered when train stops in station and doors enable
4, New Destination	011	Triggered when train assigned to line or run and following each type 1 or 5 message, where type 1 or 5 message omitted a/c short section must precede type 2 or 6 message
5, Departure from Station to terminal	100	Triggered when train starts to move, (may be omitted on short sections where time is needed for type 2 or 6 message#1)
6, Approaching terminal	101	Triggered on approach to station so that Audio message has time to complete before train stops
7, Docked at platform/terminal	110	Triggered when train stops in station and doors enable, applies where next move is out of service to headshunt or depot
8, Departure from station, out of service or Special eg. SDO	111	Triggered when train starts to move, applies where move is out of service to headshunt or depot or other special case.

Scenarios

Trigger	Sample Line	Type	No	External display	Internal Display	max 100 characters scrolling	Voice message
Departure from Langdon Park	9	1	18	Stratford	Train s for Stratford, next s op is Devons Road		ria
Destination refresh	9	1	29	Stratford	ria		ria
Approach to Devons Road	9	2	1	Stratford	Train s for Stratford, next s op is Devons Road		This train is for Stratford The next stop is Devons Road
Docked at Devons Road	9	3	273	Stratford	Devons Road, train s for Stratford		This is Devons Road

Trigger	Sample Line	Type	No	External display	Internal Display	max 100 characters scrolling	Voice message
Departure from Langdon Park	9	1	7	Stratford	Train s for Stratford, next s op is Bow Church		ria
Destination refresh	9	1	29	Stratford	ria		ria
Approach to Bow Church	9	2	126	Stratford	Train s for Stratford, next s op is Bow Church		This train is for Stratford The next stop is Bow Church
Docked at Bow Church	9	3	263	Stratford	Bow Church, train s for Stratford		This is Bow Church

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Departure from Pudding Mill Lane	111	5	550	Stratford	Next s op is Stratford where this train terminates.	Next stop s Stratford where this train terminates. Please remember to take a l your belongings with you
Destination change	111	6	00	Crossharbour	ria	ria
Approach to Stratford	111	6	678	Crossharbour	Next s op is Stratford where this train terminates.	Next stop s Stratford Where this train will terminate, all change for London Underground Central and Jubilee Lines, National Rail and local bus services
Docked at Stratford	111	3	29	Crossharbour	Stratford, train is for Crossharbour	This is Stratford

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Departure from South Quay	111	5	52	Crossharbour	Next s op is Crossharbour where this train terminates.	The next stop is Crossharbour where this train terminates. Please remember to take a l your belongings with you
Destination change	111	6	652	Not in Service	ria	ria
Approach to Crossharbour	111	6	652	Not in Service	Next s op is Crossharbour where this train terminates.	The next stop is Crossharbour Where this train will terminate, please remember to take all your belongings with you
Docked at Crossharbour platform 1	111	7	775	Not in Service	Crossharbour, train terminates here.	This train terminates here, all change. When leaving the train please remember to take a l of your belongings with you.
Departure from Crossharbour	111	6	897	Not in Service	ria	ria
Destination change	111	6	28	Stratford	ria	ria
Docked at Crossharbour Platform 2	111	3	268	Stratford	Crossharbour, train s for Stratford	This is Crossharbour

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Departure from Poplar	3	1	388	Bank via C Wharf	Train s for Bank via Canary Wharf, Next stop is West India Quay.	ria
Destination refresh	3	1	388	Bank via C Wharf	ria	ria
Approach to West India Quay	3	2	179	Bank via C Wharf	Train s for Bank via Canary Wharf, Next stop is West India Quay.	This train is for Bank via C Wharf The next stop is West India Quay
Docked at West India Quay	3	3	300	Bank via C Wharf	West India Quay, train is or Bank via Canary Wharf	This is West India Quay
Departure from West India Quay #1	3	1	3	Bank via C Wharf	Train s for Bank via C Wharf, Next stop is Canary Wharf.	ria
Destination change	3	3	387	Bank	ria	ria
Approach to Canary Wharf	3	2	1	Bank	Train s for Bank, Next stop is Canary Wharf	This train is for Bank The next stop is Canary Wharf
Docked at Canary Wharf	3	3	265	Bank	Canary Wharf, train is for Bank	This is Canary Wharf
Departure from Canary Wharf #1	3	1	3	Bank	Train s for Bank, Next stop is West India Quay	ria

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Departure from West S Iverton	138	1	29	Woolwich Arsenal v City Airport	Train s for Woolwich Arsenal v City Airport, next stop is Pontoon Dock	ria
Destination refresh	138	1	38	Woolwich Arsenal v City Airport	ria	ria
Approach to Pontoon Dock	138	2	160	Woolwich Arsenal v City Airport	Train s for Woolwich Arsenal v City Airport, next stop is Pontoon Dock	This train is for Woolwich Arsenal v City Airport The next stop is Pontoon Dock
Docked at Pontoon Dock	138	3	285	Woolwich Arsenal v City Airport	Pontoon Dock, train is for Woolwich Arsenal v City Airport.	This is Pontoon Dock
Departure from Pontoon Dock	138	1	12	Woolwich Arsenal v City Airport	Train s for Woolwich Arsenal v City Airport, next stop is London City Airport	ria
Destination refresh	138	1	1	Woolwich Arsenal	ria	ria
Approach to London City Airport	138	2	1	Woolwich Arsenal	Train s for Woolwich Arsenal, next stop is London City Airport	This train is for Woolwich Arsenal The next stop is London City Airport
Docked at London City Airport	138	3	287	Woolwich Arsenal	London City Airport, train is for Woolwich Arsenal	This is London City Airport

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Assigned to Line on Depot entry track (New destination)	9	1	29	Stratford	Stratford #3	ria
Docked at Entry stat on (All Saints)	9	3	258	Stratford	All Saints, train is for Stratford	This is All Saints
Departure from All Saints	9	1	26	Stratford	Train s for Stratford, next s op is Langdon Park	ria

Trigger	Sample path	Type	No	External display	Internal Display	Voice message
Train routed to entry station #2	22	1	387	Bank	Bank #4	ria
Assigned to line at entry stat on, eg Poplar (New destination)	3	1	286	Bank	Poplar, train is for Bank	This is Poplar
Docked at Poplar #3	1	1	6	Bank	Train s for Bank, the next stop is West ery	ria
Departure from Poplar	3	1	387	Bank	ria	ria
Destination refresh	3	1	23	Bank	#3 if train docks before line assigned to line 1 must be entered manually.	#3 if train docks before line assigned a docked trigger should be sent immediately after the new destination trigger.
#2 if destination required before train assigned to line 1 must be entered manually.					#4 Internal display should correspond to external display if no other trigger received.	

Trigger	Sample path	Type	No	External display	Internal Display	Voice message
Departure from West India Quay	3	2	5	Poplar	Next stop is Poplar where this train terminates.	The next stop is POPLAR where this train term (Please remember to take a l your belongings with you
Destination change	3	2	18	Not in Service	ria	ria
Approach to Poplar	3	2	670	Not in Service	Next stop is Poplar where this train terminates.	The next stop is Poplar Where this train will terminate, please remember to take all your belongings with you
Docked at Poplar	3	2	770	Not in Service	Poplar, train terminates here.	This is Poplar This train terminates here, all change. When leaving the train please remember to take a l of your belongings with you.
Departure from Poplar to depot	3	2	897	Not in Service	ria	ria

Trigger	Sample Line	Type	No	External display	Internal Display	Voice message
Departure from Beckton	shuffle	6	897	Not in Service	ria	ria
Destination refresh	shuffle	6	18	Not in Service	ria	ria
Approaching pseudo station	shuffle	6	18	Not in Service	ria	ria
Departing pseudo station	shuffle	6	18	Not in Service	ria	ria
Destination refresh	shuffle	6	18	Not in Service	ria	ria
Approaching Beckton	shuffle	6	6	Not in Service	Next stop is Beckton where this train terminates.	The next stop is Beckton Where this train will terminate, please remember to take all your belongings with you
Docked at Beckton	shuffle	7	771	Not in Service	Beckton, train terminates here.	This is Beckton This train terminates here, all change. When leaving the train please remember to take a l of your belongings with you.

Trigger	Sample Line	Type	No	External display	Internal Display	max 100 characters scrolling	Voice message
Departure from Shadwell	131	5	55	Tower Gateway	Next s op is Tower Gateway where this train terminates		The next stop is Tower Gateway where this train terminates Please remember to take a l your belongings with you
Destination refresh	131	5	389	Beckton	ria		ria
Approach to Tower Gateway	131	6	680	Beckton	Next s op is Tower Gateway where this train terminates		The next stop is Tower Gateway where this train will call change
Docked at Tower Gateway	131	3	298	Beckton	Tower Gateway, train is for Beck on		This is Tower Gateway for London Underground District and Circle Lines at Tower Hill Station, Please alight from the right hand side in the direction of travel

Trigger	Sample Line	Type	No	External display	Internal Display	max 100 characters scrolling	Voice message
Departure from Mudchute	1	3	90	Lewisham	Train s for Lewisham, the next stop is Island Gardens		ria
Destination refresh	1	3	15	Lewisham	ria		ria
Approach to Island Gardens	1	2	150	Lewisham	Train s for Lewisham, the next stop is Island Gardens		ria
Docked at Island Gardens	1	3	270	Lewisham	Island Gardens, train is for Lewisham		This train is for Lewisham Island Gardens The next stop is Island Gardens
Departure from Island Gardens	1	3	899	Lewisham	Train s for Lewisham, the next stop is Cutty Sark, to alight move toward the centre of the train.		This is Island Gardens To alight please move toward the centre of the train as the first two sets and last two sets of doors will not open
Destination refresh	1	3	15	Lewisham	ria		ria
Approach to Cutty Sark	1	2	181	Lewisham	Train s for Lewisham, the next stop is Cutty Sark, to alight move toward the centre of the train.		ria
Docked at Cutty Sark	1	3	311	Lewisham	Cutty Sark, train is for Lewisham, to alight move toward the centre of the train.		This train is for Lewisham Cutty Sark The next stop is Cutty Sark for Mar time Greenwich. A light here for Greenwich Town Centre, the Royal Naval College and the National Maritime Museum. To alight please move toward the centre of the train

Trigger	Sample Line	Type	No	External display	Internal Display	max 100 characters scrolling	Voice message
Departure from Limehouse	15	1	7	Lewisham	Train s for Lewisham, the next stop is Westery, for West India Quay change at Canary Wharf.		ria
Destination refresh	15	1	15	Lewisham	ria		ria
Approach to Westery	15	2	186	Lewisham	Train s for Lewisham, the next stop is Westery, for West India Quay change at Canary Wharf.		ria
Docked at Westery	15	3	302	Lewisham	Westery, train is for Lewisham		This train is for Lewisham Westery The next stop is Westery
Departure from West ery	15	1	8	Lewisham	Train s for Lewisham, the next stop is Canary Wharf, change here or West India Quay		This train does not stop at West India Quay, for West India Quay please change at Canary Wharf and go to Platform 5
Destination refresh	15	1	15	Lewisham	ria		ria
Approach to Canary Wharf	15	2	187	Lewisham	Train s for Lewisham, the next stop is Canary Wharf, change here or West India Quay		ria
Docked at Canary Wharf	15	3	265	Lewisham	Canary Wharf, train is for Lewisham		This train is for Lewisham Canary Wharf The next stop is Canary Wharf

AVIS Interface Definition  
 Message Type 1 - Departure Messages  
 Trigger List

THALES TRIGGERS			Message ID				AVIS REACTION			
Notes	Trigger	Lines	type 3 bits	id, binary 7 bits	id	No	External display	Internal Display	Voice message.	Notes
reset			000	0	0	0	blank	blank		
Stratford international Extn.			000	1	1	1	DESTINATION'	Train is for 'DESTINATION'. Next stop is Abbey Road	n/a	
			000	10	2	2	DESTINATION'	Train is for 'DESTINATION'. Next stop is All Saints	n/a	
spare			000	11	3	3				
spare			000	100	4	4				
			000	101	5	5	DESTINATION'	Train is for 'DESTINATION'. Next stop is Beckton Park	n/a	For a westbound three car train this message is replaced by a type 8 message number 911
			000	110	6	6	DESTINATION'	Train is for 'DESTINATION'. Next stop is Blackwall	n/a	
			000	111	7	7	DESTINATION'	Train is for 'DESTINATION'. Next stop is Bow Church	n/a	For a northbound three car train this message is replaced by a type 8 message number 908
Reserved for future			000	1000	8	8	DESTINATION'	Train is for 'DESTINATION'. Next stop is Bow Creek	n/a	
			000	1001	9	9	DESTINATION'	Train is for 'DESTINATION'. Next stop is Canary Wharf	n/a	
			000	1010	10	10	DESTINATION'	Train is for 'DESTINATION'. Next stop is Canning Town	n/a	
spare			000	1011	11	11				
			000	1100	12	12	DESTINATION'	Train is for 'DESTINATION'. Next stop is London City Airport	n/a	
			000	1101	13	13	DESTINATION'	Train is for 'DESTINATION'. Next stop is Crossharbour	n/a	
			000	1110	14	14	DESTINATION'	Train is for 'DESTINATION'. Next stop is Custom House for ExCeL West	n/a	
			000	1111	15	15	DESTINATION'	Train is for 'DESTINATION'. Next stop is Cutty Sark	n/a	For a three car train this message is replaced by a type 8 message number 899
			000	10000	16	16	DESTINATION'	Train is for 'DESTINATION'. Next stop is Cyprus	n/a	For an eastbound three car train this message is replaced by a type 8 message number 912
			000	10001	17	17	DESTINATION'	Train is for 'DESTINATION'. Next stop is Deptford Bridge	n/a	For a southbound three car train this message is replaced by a type 8 message number 906
			000	10010	18	18	DESTINATION'	Train is for 'DESTINATION'. Next stop is Devons Road	n/a	
			000	10011	19	19	DESTINATION'	Train is for 'DESTINATION'. Next stop is East India	n/a	
			000	10100	20	20	DESTINATION'	Train is for 'DESTINATION'. Next stop is Elverson Road	n/a	For a three car train this message is replaced by a type 8 message number 900
			000	10101	21	21	DESTINATION'	Train is for 'DESTINATION'. Next stop is Gallions Reach	n/a	For a three car train this message is replaced by a type 8 message number 901
			000	10110	22	22	DESTINATION'	Train is for 'DESTINATION'. Next stop is Greenwich	n/a	For a northbound three car train this message is replaced by a type 8 message number 905
			000	10111	23	23	DESTINATION'	Train is for 'DESTINATION'. Next stop is Heron Quays	n/a	
			000	11000	24	24	DESTINATION'	Train is for 'DESTINATION'. Next stop is Island Gardens	n/a	For a southbound three car train this message is replaced by a type 8 message number 904
			000	11001	25	25	DESTINATION'	Train is for 'DESTINATION'. Next stop is King George V	n/a	
			000	11010	26	26	DESTINATION'	Train is for 'DESTINATION'. Next stop is Langdon Park	n/a	
			000	11011	27	27	DESTINATION'	Train is for 'DESTINATION'. Next stop is Limehouse	n/a	
			000	11100	28	28	DESTINATION'	Train is for 'DESTINATION'. Next stop is Mudchute	n/a	
			000	11101	29	29	DESTINATION'	Train is for 'DESTINATION'. Next stop is Pontoon Dock	n/a	
			000	11110	30	30	DESTINATION'	Train is for 'DESTINATION'. Next stop is Poplar	n/a	
			000	11111	31	31	DESTINATION'	Train is for 'DESTINATION'. Next stop is Prince Regent for ExCeL East	n/a	For an eastbound three car train this message is replaced by a type 8 message number 910
			000	100000	32	32	DESTINATION'	Train is for 'DESTINATION'. Next stop is Pudding Mill Lane	n/a	For a three car train docking at platform 1 this message is replaced by a type 8 message number 902
			000	100001	33	33	DESTINATION'	Train is for 'DESTINATION'. Next stop is Royal Albert	n/a	For a three car train this message is replaced by a type 8, message number 903
			000	100010	34	34	DESTINATION'	Train is for 'DESTINATION'. Next stop is Royal Victoria	n/a	
			000	100011	35	35	DESTINATION'	Train is for 'DESTINATION'. Next stop is Shadwell	n/a	
			000	100100	36	36	DESTINATION'	Train is for 'DESTINATION'. Next stop is South Quay	n/a	
Stratford international Extn.			000	100101	37	37	DESTINATION'	Train is for 'DESTINATION'. Next stop is Star Lane	n/a	
spare			000	100110	38	38				
spare			000	100111	39	39				
Stratford international Extn.			000	101000	40	40	DESTINATION'	Train is for 'DESTINATION'. Next stop is Stratford High Street	n/a	
Reserved for future			000	101001	41	41	DESTINATION'	Train is for 'DESTINATION'. Next stop is Thames Wharf	n/a	
spare			000	101010	42	42				
Stratford international Extn.			000	101011	43	43	DESTINATION'	Train is for 'DESTINATION'. Next stop is West Ham	n/a	
			000	101100	44	44	DESTINATION'	Train is for 'DESTINATION'. Next stop is West India Quay	n/a	
			000	101101	45	45	DESTINATION'	Train is for 'DESTINATION'. Next stop is West Silvertown	n/a	
			000	101110	46	46	DESTINATION'	Train is for 'DESTINATION'. Next stop is Westferry	n/a	
Trains bypassing WIQ			000	101111	47	47	DESTINATION'	Train is for 'DESTINATION'. Next stop is Westferry, for West India Quay change at Canary Wharf.	This train does not stop at West India Quay, for West India Quay please change at Canary Wharf and go to Platform 5.	
Trains bypassing WIQ			000	110000	48	48	DESTINATION'	Train is for 'DESTINATION'. Next stop is Canary Wharf, change here for West India Quay.	This train does not stop at West India Quay, for West India Quay please change at Canary Wharf and go to Platform 5.	
			000	110001	49	49				
			000	110010	50	50				

AVIS Interface Definition  
 Message Type 2 Approach to Station message  
 Trigger List

THALES TRIGGERS		Message ID		AVIS REACTION				
Notes	Trigger	Lines	type	id.binary id No	External display	Internal Display	Voice message.	
not used			3 bits 7 bits	0 0 128				
Stratford international Extn.	001		1	1 128	DESTINATION	Train is for DESTINATION. Next stop is Abbey Road	This train is for DESTINATION	The next stop is Abbey Road
spare	001		10	2 130	DESTINATION	Train is for DESTINATION. Next stop is All Saints	This train is for DESTINATION	The next stop is All Saints for Chrisp Street Market
spare	001		11	3 131				When leaving the train please remember to take all your belongings with you
spare	001		100	4 132				
	001		101	5 133	DESTINATION	Train is for DESTINATION. Next stop is Beckton Park	This train is for DESTINATION	The next stop is Beckton Park
	001		110	6 134	DESTINATION	Train is for DESTINATION. Next stop is Blackwall	This train is for DESTINATION	The next stop is Blackwall
	001		111	7 135	DESTINATION	Train is for DESTINATION. Next stop is Bow Church	This train is for DESTINATION	The next stop is Bow Church
Reserved for future	001		1000	8 136	DESTINATION	Train is for DESTINATION. Next stop is Bow Creek	This train is for DESTINATION	The next stop is Bow Creek
Southbound and other cases	001		1001	9 137	DESTINATION	Train is for DESTINATION. Next stop is Canary Wharf	This train is for DESTINATION	The next stop is Canary Wharf
North and East leg trains appr. P5/6	001		1010	10 138	DESTINATION	Train is for DESTINATION. Next stop is Canary Wharf	This train is for DESTINATION	The next stop is Canary Wharf
West leg trains appr P5/6	001		1011	11 139	DESTINATION	Train is for DESTINATION. Next stop is Canary Wharf	This train is for DESTINATION	The next stop is Canary Wharf
Gull wing appr P3/4	001		1100	12 140	DESTINATION	Train is for DESTINATION. Next stop is Canary Wharf	This train is for DESTINATION	The next stop is Canary Wharf
	001		1101	13 141	DESTINATION	Train is for DESTINATION. Next stop is Canning Town	This train is for DESTINATION	The next stop is Canning Town
	001		1110	14 142	DESTINATION	Train is for DESTINATION. Next stop is London City Airport	This train is for DESTINATION	The next stop is London City Airport
	001		1111	15 143	DESTINATION	Train is for DESTINATION. Next stop is Crossharbour	This train is for DESTINATION	The next stop is Crossharbour
	001		10000	16 144	DESTINATION	Train is for DESTINATION. Next stop is Custom House for ExCel West	This train is for DESTINATION	The next stop is Custom House for ExCel West
See 191 below.	001		10001	17 145	DESTINATION	Train is for DESTINATION. Next stop is Cutty Sark	This train is for DESTINATION	The next stop is Cutty Sark for Maritime Greenwich. A light here for Greenwich Town Centre, the Royal Naval College and the National Maritime Museum.
	001		10010	18 146	DESTINATION	Train is for DESTINATION. Next stop is Cyprus	This train is for DESTINATION	The next stop is Cyprus
	001		10011	19 147	DESTINATION	Train is for DESTINATION. Next stop is Deptford Bridge	This train is for DESTINATION	The next stop is Deptford Bridge
	001		10100	20 148	DESTINATION	Train is for DESTINATION. Next stop is Devons Road	This train is for DESTINATION	The next stop is Devons Road
	001		10101	21 149	DESTINATION	Train is for DESTINATION. Next stop is East India	This train is for DESTINATION	The next stop is East India
See 192 below.	001		10110	22 150	DESTINATION	Train is for DESTINATION. Next stop is Elverston Road	This train is for DESTINATION	The next stop is Elverston Road
See 193 below.	001		10111	23 151	DESTINATION	Train is for DESTINATION. Next stop is Gal ions Reach	This train is for DESTINATION	The next stop is Gal ions Reach
	001		11000	24 152	DESTINATION	Train is for DESTINATION. Next stop is Greenwich	This train is for DESTINATION	The next stop is Greenwich
Southbound	001		11001	25 153	DESTINATION	Train is for DESTINATION. Next stop is Heron Quays	This train is for DESTINATION	The next stop is Heron Quays
Northbound	001		11010	26 154	DESTINATION	Train is for DESTINATION. Next stop is Heron Quays	This train is for DESTINATION	The next stop is Heron Quays
	001		11011	27 155	DESTINATION	Train is for DESTINATION. Next stop is Island Gardens	This train is for DESTINATION	The next stop is Island Gardens
	001		11100	28 156	DESTINATION	Train is for DESTINATION. Next stop is King George V	This train is for DESTINATION	The next stop is King George V
	001		11101	29 157	DESTINATION	Train is for DESTINATION. Next stop is Langdon Park	This train is for DESTINATION	The next stop is Langdon Park
	001		11110	30 158	DESTINATION	Train is for DESTINATION. Next stop is Limehouse	This train is for DESTINATION	The next stop is Limehouse
	001		11111	31 159	DESTINATION	Train is for DESTINATION. Next stop is Mudchute	This train is for DESTINATION	The next stop is Mudchute
	001		100000	32 160	DESTINATION	Train is for DESTINATION. Next stop is Porton Dock	This train is for DESTINATION	The next stop is Porton Dock
other cases	001		100001	33 161	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
East leg trains appr P1	001		100010	34 162	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
North leg trains appr P2	001		100011	35 163	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
East leg trains appr P2	001		100101	37 165	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
Trains from North leg	001		100110	38 166	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
Trains from East leg appr. P3	001		100111	39 167	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
Trains from East leg appr. P4	001		101000	40 168	DESTINATION	Train is for DESTINATION. Next stop is Poplar	This train is for DESTINATION	The next stop is Poplar
See 194 below.	001		101001	41 169	DESTINATION	Train is for DESTINATION. Next stop is Prince Regent for ExCel East	This train is for DESTINATION	The next stop is Prince Regent for ExCel East and ICC London
See 195 below.	001		101010	42 170	DESTINATION	Train is for DESTINATION. Next stop is Pudding Mill Lane	This train is for DESTINATION	The next stop is Pudding Mill Lane
	001		101011	43 171	DESTINATION	Train is for DESTINATION. Next stop is Royal Albert	This train is for DESTINATION	The next stop is Royal Albert for West Beckton
	001		101100	44 172	DESTINATION	Train is for DESTINATION. Next stop is Royal Victoria	This train is for DESTINATION	The next stop is Royal Victoria
	001		101101	45 173	DESTINATION	Train is for DESTINATION. Next stop is Shadwell	This train is for DESTINATION	The next stop is Shadwell
	001		101110	46 174	DESTINATION	Train is for DESTINATION. Next stop is South Quay	This train is for DESTINATION	The next stop is South Quay
Stratford international Extn.	001		101111	47 175	DESTINATION	Train is for DESTINATION. Next stop is Star Lane	This train is for DESTINATION	The next stop is Star Lane
Stratford international Extn.	001		110000	48 176	DESTINATION	Train is for DESTINATION. Next stop is Stratford High Street	This train is for DESTINATION	The next stop is Stratford High Street
Reserved for future	001		110001	49 177	DESTINATION	Train is for DESTINATION. Next stop is Thames Wharf	This train is for DESTINATION	The next stop is Thames Wharf
Stratford international Extn.	001		110010	50 178	DESTINATION	Train is for DESTINATION. Next stop is West Ham	This train is for DESTINATION	The next stop is West Ham
	001		110011	51 179	DESTINATION	Train is for DESTINATION. Next stop is West India Quay	This train is for DESTINATION	The next stop is West India Quay
	001		110100	52 180	DESTINATION	Train is for DESTINATION. Next stop is West Silvertown	This train is for DESTINATION	The next stop is West Silvertown
South leg trains appr. P1	001		110101	53 181	DESTINATION	Train is for DESTINATION. Next stop is Westferry	This train is for DESTINATION	The next stop is Westferry
East and north leg trains appr. P1	001		110110	54 182	DESTINATION	Train is for DESTINATION. Next stop is Westferry	This train is for DESTINATION	The next stop is Westferry
Trains from South leg appr. P2	001		110111	55 183	DESTINATION	Train is for DESTINATION. Next stop is Westferry	This train is for DESTINATION	The next stop is Westferry
other cases	001		111000	56 184	DESTINATION	Train is for DESTINATION. Next stop is Westferry	This train is for DESTINATION	The next stop is Westferry
	001		111001	57 185	DESTINATION	Train is for DESTINATION. Next stop is Canning Town	This train is for DESTINATION	The next stop is Canning Town
On WIQ bypass lines	001		111010	58 186	DESTINATION	Train is for DESTINATION. Next stop is Westferry	This train is for DESTINATION	The next stop is Westferry
On WIQ bypass lines	001		111011	59 187	DESTINATION	Train is for DESTINATION. Next stop is Canary Wharf	This train is for DESTINATION	The next stop is Canary Wharf
	001		111100	60 188				
	001		111101	61 189				
	001		111110	62 190				
Replaces 145 for 3-car trains	001		111111	63 191	DESTINATION	Train is for DESTINATION. Next stop is Cutty Sark	This train is for DESTINATION	The next stop is Cutty Sark for Maritime Greenwich. A light here for Greenwich Town Centre, the Royal Naval College and the National Maritime Museum.
Replaces 150 for 3-car trains	001		1000000	64 192	DESTINATION	Train is for DESTINATION. Next stop is Elverston Road	This train is for DESTINATION	The next stop is Elverston Road
Replaces 151 for 3-car trains	001		1000001	65 193	DESTINATION	Train is for DESTINATION. Next stop is Gal ions Reach	This train is for DESTINATION	The next stop is Gal ions Reach
Replaces 170 for 3-car trains approaching PML1	001		1000010	66 194	DESTINATION	Train is for DESTINATION. Next stop is Pudding Mill Lane	This train is for DESTINATION	The next stop is Pudding Mill Lane
Replaces 171 for 3-car trains	001		1000011	67 195	DESTINATION	Train is for DESTINATION. Next stop is Royal Albert	This train is for DESTINATION	The next stop is Royal Albert for West Beckton

AVIS Interface Definition  
 Message Type 3 - Docked at Station Message  
 Trigger List

THALESTRIGGERS			Message ID				AVIS REACTION					
Notes	Trigger	Lines	type	id, binary	7 id	No	External display	Internal Display			Voice message.	
			3 bits	bits								
not used			010	0	0	256						
Stratford international Extn.			010	1	1	257	DESTINATION'	Abbey Road	, train is for 'DESTINATION'		This is Abbey Road	
			010	10	2	258	DESTINATION'	All Saints	, train is for 'DESTINATION'		This is All Saints	
			010	11	3	259	DESTINATION'	Bank	, train is for 'DESTINATION'		This is Bank	
			010	100	4	260	DESTINATION'	Beckton	, train is for 'DESTINATION'		This is Beckton	
			010	101	5	261	DESTINATION'	Beckton Park	, train is for 'DESTINATION'		This is Beckton Park	
			010	110	6	262	DESTINATION'	Blackwall	, train is for 'DESTINATION'		This is Blackwall	
			010	111	7	263	DESTINATION'	Bow Church	, train is for 'DESTINATION'		This is Bow Church	
Reserved for future			010	1000	8	264	DESTINATION'	Bow Creek	, train is for 'DESTINATION'		This is Bow Creek	
			010	1001	9	265	DESTINATION'	Canary Wharf	, train is for 'DESTINATION'		This is Canary Wharf	
			010	1010	10	266	DESTINATION'	Canning Town	, train is for 'DESTINATION'		This is Canning Town	
			010	1011	11	267	DESTINATION'	London City Airport	, train is for 'DESTINATION'		This is London City Airport	
			010	1100	12	268	DESTINATION'	Crossharbour	, train is for 'DESTINATION'		This is Crossharbour	
			010	1101	13	269	DESTINATION'	Custom House for ExCeL West	, train is for 'DESTINATION'		This is Custom House for ExCeL West	
See 311 below.			010	1110	14	270	DESTINATION'	Cutty Sark	, train is for 'DESTINATION'		This is Cutty Sark	
			010	1111	15	271	DESTINATION'	Cyprus	, train is for 'DESTINATION'		This is Cyprus	
			010	10000	16	272	DESTINATION'	Deptford Bridge	, train is for 'DESTINATION'		This is Deptford Bridge	
			010	10001	17	273	DESTINATION'	Devons Road	, train is for 'DESTINATION'		This is Devons Road	
			010	10010	18	274	DESTINATION'	East India	, train is for 'DESTINATION'		This is East India	
See 312 below.			010	10011	19	275	DESTINATION'	Elverson Road	, train is for 'DESTINATION'		This is Elverson Road	
See 313 below.			010	10100	20	276	DESTINATION'	Gallions Reach	, train is for 'DESTINATION'		This is Gallions Reach	
			010	10101	21	277	DESTINATION'	Greenwich	, train is for 'DESTINATION'		This is Greenwich	
			010	10110	22	278	DESTINATION'	Heron Quays	, train is for 'DESTINATION'		This is Heron Quays	
			010	10111	23	279	DESTINATION'	Island Gardens	, train is for 'DESTINATION'		This is Island Gardens	
			010	11000	24	280	DESTINATION'	King George V	, train is for 'DESTINATION'		This is King George the Fifth	
			010	11001	25	281	DESTINATION'	Langdon Park	, train is for 'DESTINATION'		This is Langdon Park	
			010	11010	26	282	DESTINATION'	Lewisham	, train is for 'DESTINATION'		This is Lewisham	
			010	11011	27	283	DESTINATION'	Limehouse	, train is for 'DESTINATION'		This is Limehouse	
			010	11100	28	284	DESTINATION'	Mudchute	, train is for 'DESTINATION'		This is Mudchute	
			010	11101	29	285	DESTINATION'	Pontoon Dock	, train is for 'DESTINATION'		This is Pontoon Dock	
			010	11110	30	286	DESTINATION'	Poplar	, train is for 'DESTINATION'		This is Poplar	
See 314 below.			010	11111	31	287	DESTINATION'	Prince Regent for ExCeL East	, train is for 'DESTINATION'		This is Prince Regent for ExCeL East and ICC London	
See 315 below.			010	100000	32	288	DESTINATION'	Pudding Mill Lane	, train is for 'DESTINATION'		This is Pudding Mill Lane	
			010	100001	33	289	DESTINATION'	Royal Albert	, train is for 'DESTINATION'		This is Royal Albert	
			010	100010	34	290	DESTINATION'	Royal Victoria	, train is for 'DESTINATION'		This is Royal Victoria	
			010	100011	35	291	DESTINATION'	Shadwell	, train is for 'DESTINATION'		This is Shadwell	
			010	100100	36	292	DESTINATION'	South Quay	, train is for 'DESTINATION'		This is South Quay	
Stratford international Extn.			010	100101	37	293	DESTINATION'	Star Lane	, train is for 'DESTINATION'		This is Star Lane	
			010	100110	38	294	DESTINATION'	Stratford	, train is for 'DESTINATION'		This is Stratford	
Stratford international Extn.			010	100111	39	295	DESTINATION'	Stratford International	, train is for 'DESTINATION'		This is Stratford International	
Stratford international Extn.			010	101000	40	296	DESTINATION'	Stratford High Street	, train is for 'DESTINATION'		This is Stratford High street	
Reserved for future			010	101001	41	297	DESTINATION'	Thames Wharf	, train is for 'DESTINATION'		This is Thames Wharf	
			010	101010	42	298	DESTINATION'	Tower Gateway	, train is for 'DESTINATION'		This is Tower Gateway	
Stratford international Extn.			010	101011	43	299	DESTINATION'	West Ham	, train is for 'DESTINATION'		This is West Ham	
			010	101100	44	300	DESTINATION'	West India Quay	, train is for 'DESTINATION'		This is West India Quay	
			010	101101	45	301	DESTINATION'	West Silvertown	, train is for 'DESTINATION'		This is West Silvertown	
			010	101110	46	302	DESTINATION'	Westferry	, train is for 'DESTINATION'		This is Westferry	
			010	101111	47	303	DESTINATION'	Woolwich Arsenal	, train is for 'DESTINATION'		This is Woolwich Arsenal	
			010	110000	48	304						
			010	110001	49	305						
			010	110010	50	306						
			010	110011	51	307						
			010	110100	52	308						
			010	110101	53	309						
			010	110110	54	310						
Replaces 270 for 3-car trains			010	110111	55	311	DESTINATION'	Cutty Sark	,train is for 'DESTINATION', ,to alight move towards the centre of the train.		This is Cutty Sark	to alight please move towards the centre of the train
Replaces 275 for 3-car trains			010	111000	56	312	DESTINATION'	Elverson Road	,train is for 'DESTINATION', ,to alight move towards the centre of the train.		This is Elverson Road	to alight please move towards the centre of the train
Replaces 276 for 3-car trains			010	111001	57	313	DESTINATION'	Gallions Reach	,train is for 'DESTINATION', ,to alight move towards the centre of the train.		This is Gallions Reach	to alight please move towards the centre of the train
Replaces 288 for 3-car trains at PML1			010	111010	58	314	DESTINATION'	Pudding Mill Lane	,train is for 'DESTINATION', ,to alight move towards the centre of the train.		This is Pudding Mill Lane	to alight please move towards the centre of the train
Replaces 289 for 3-car trains			010	111011	59	315	DESTINATION'	Royal Albert	,train is for 'DESTINATION', ,to alight move towards the centre of the train.		This is Royal Albert	to alight please move towards the centre of the train

AVIS Interface Definition  
 Message type 4 - New Destination  
 Trigger List

THALES TRIGGERS			Message ID				AVIS REACTION	
Notes	Trigger	Lines	type	id,binary	id	No	External display	Internal Display #2
			011		0	0	384	
Stratford international Extn.			011		1	1	385	#2 See 'Destinations' for internal display formats
			011		10	2	386	
			011		11	3	387	
			011		100	4	388	
			011		101	5	389	
			011		110	6	390	
			011		111	7	391	
			011		1000	8	392	
			011		1001	9	393	
Reserved for future			011		1010	10	394	
			011		1011	11	395	
			011		1100	12	396	
			011		1101	13	397	
			011		1110	14	398	
			011		1111	15	399	
			011		10000	16	400	
			011		10001	17	401	
			011		10010	18	402	
			011		10011	19	403	
			011		10100	20	404	
			011		10101	21	405	
			011		10110	22	406	
			011		10111	23	407	
			011		11000	24	408	
			011		11001	25	409	
			011		11010	26	410	
			011		11011	27	411	
			011		11100	28	412	
			011		11101	29	413	
			011		11110	30	414	
			011		11111	31	415	
			011		100000	32	416	
			011		100001	33	417	
	Exit/Turnback		011		100010	34	418	
			011		100011	35	419	
			011		100100	36	420	
			011		100101	37	421	
			011		100110	38	422	
			011		100111	39	423	
			011		101000	40	424	
			011		101001	41	425	
			011		101010	42	426	
			011		101011	43	427	
Stratford international Extn.			011		101100	44	428	
			011		101101	45	429	
Stratford international Extn.			011		101110	46	430	
Stratford international Extn.			011		101111	47	431	
Reserved for future			011		110000	48	432	
			011		110001	49	433	
			011		110010	50	434	
Stratford international Extn.			011		110011	51	435	
			011		110100	52	436	
			011		110101	53	437	
			011		110110	54	438	
			011		110111	55	439	
			011		111000	56	440	
			011		111001	57	441	
Manual only.			011		111010	58	442	
Manual only.			011		111011	59	443	
			011		111100	60	444	

AVIS Interface Definition  
 Message Type 5 Departure from Station towards terminal  
 Trigger List

THALES TRIGGERS			Message ID		AVIS REACTION		
Notes	Trigger	Lines	type	id.binary id No	External Display	Internal Display	Voice message.
not used			100	0 0 512			
Stratford international Extn.			100	1 1 513	DESTINATION	Next stop is Abbey Road where this train terminates	The next stop is Abbey Road where this train terminates.
			100	2 2 514	DESTINATION	Next stop is All Saints where this train terminates	The next stop is All Saints where this train terminates.
			100	3 3 515	DESTINATION	Next stop is Bank where this train terminates	The next stop is Bank where this train terminates.
			100	4 4 516	DESTINATION	Next stop is Beckton where this train terminates	The next stop is Beckton where this train terminates.
			100	5 5 517	DESTINATION	Next stop is Beckton Park where this train terminates	The next stop is Beckton Park where this train terminates.
			100	6 6 518	DESTINATION	Next stop is Blackwall where this train terminates	The next stop is Blackwall where this train terminates.
reserved for future			100	7 7 519	DESTINATION	Next stop is Bow Church where this train terminates	The next stop is Bow Church where this train terminates.
			100	8 8 520	DESTINATION	Next stop is Bow Creek where this train terminates	The next stop is Bow Creek where this train terminates.
			100	9 9 521	DESTINATION	Next stop is Canary Wharf where this train terminates	The next stop is Canary Wharf where this train terminates.
			100	10 10 522	DESTINATION	Next stop is Canning Town where this train terminates	The next stop is Canning Town where this train terminates.
			100	1011 11 523	DESTINATION	Next stop is London City Airport where this train terminates	The next stop is London City Airport where this train terminates.
			100	1100 12 524	DESTINATION	Next stop is Crossharbour where this train terminates	The next stop is Crossharbour where this train terminates.
			100	1101 13 525	DESTINATION	Next stop is Custom House for ExCeL West where this train terminates	The next stop is Custom House for ExCeL West where this train terminates.
#1			100	1110 14 526	DESTINATION	Next stop is Cutty Sark where this train terminates	The next stop is Cutty Sark for Maritime Greenwich where this train terminates.
			100	1111 15 527	DESTINATION	Next stop is Cyprus where this train terminates	The next stop is Cyprus where this train terminates.
			100	10000 16 528	DESTINATION	Next stop is Deptford Bridge where this train terminates	The next stop is Deptford Bridge where this train terminates.
			100	10001 17 529	DESTINATION	Next stop is Devons Road where this train terminates	The next stop is Devons Road where this train terminates.
			100	10010 18 530	DESTINATION	Next stop is East India where this train terminates	The next stop is East India where this train terminates.
#1			100	10011 19 531	DESTINATION	Next stop is Elverson Road where this train terminates	The next stop is Elverson Road where this train terminates.
			100	10100 20 532	DESTINATION	Next stop is Gallions Reach where this train terminates	The next stop is Gallions Reach where this train terminates.
			100	10101 21 533	DESTINATION	Next stop is Greenwich where this train terminates	The next stop is Greenwich where this train terminates.
			100	10110 22 534	DESTINATION	Next stop is Heron Quays where this train terminates	The next stop is Heron Quays where this train terminates.
			100	10111 23 535	DESTINATION	Next stop is Island Gardens where this train terminates	The next stop is Island Gardens where this train terminates.
			100	11000 24 536	DESTINATION	Next stop is King George V where this train terminates	The next stop is King George the Fifth where this train terminates.
			100	11001 25 537	DESTINATION	Next stop is Langdon Park where this train terminates	The next stop is Langdon Park where this train terminates.
			100	11010 26 538	DESTINATION	Next stop is Lewisham where this train terminates	The next stop is Lewisham where this train terminates.
			100	11011 27 539	DESTINATION	Next stop is Limehouse where this train terminates	The next stop is Limehouse where this train terminates.
			100	11100 28 540	DESTINATION	Next stop is Mudchute where this train terminates	The next stop is Mudchute where this train terminates.
			100	11101 29 541	DESTINATION	Next stop is Pontoon Dock where this train terminates	The next stop is Pontoon Dock where this train terminates.
			100	11110 30 542	DESTINATION	Next stop is Poplar where this train terminates	The next stop is Poplar where this train terminates.
			100	11111 31 543	DESTINATION	Next stop is Prince Regent for ExCeL East where this train terminates	The next stop is Prince Regent for ExCeL East and ICC London where this train terminates.
#2			100	100000 32 544	DESTINATION	Next stop is Pudding Mill Lane where this train terminates	The next stop is Pudding Mill Lane where this train terminates.
#1			100	100001 33 545	DESTINATION	Next stop is Royal Albert where this train terminates	The next stop is Royal Albert where this train terminates.
			100	100010 34 546	DESTINATION	Next stop is Royal Victoria where this train terminates	The next stop is Royal Victoria where this train terminates.
			100	100011 35 547	DESTINATION	Next stop is Shadwell where this train terminates	The next stop is Shadwell where this train terminates.
			100	100100 36 548	DESTINATION	Next stop is South Quay where this train terminates	The next stop is South Quay where this train terminates.
Stratford international Extn.			100	100101 37 549	DESTINATION	Next stop is Star Lane where this train terminates	The next stop is Star Lane where this train terminates.
			100	100110 38 550	DESTINATION	Next stop is Stratford where this train terminates	The next stop is Stratford where this train terminates.
Stratford international Extn.			100	100111 39 551	DESTINATION	Next stop is Stratford International where this train terminates	The next stop is Stratford International where this train terminates.
Stratford international Extn.			100	101000 40 552	DESTINATION	Next stop is Stratford High Street where this train terminates	The next stop is Stratford High Street where this train terminates.
reserved for future			100	101001 41 553	DESTINATION	Next stop is Thames Wharf where this train terminates	The next stop is Thames Wharf where this train terminates.
			100	101010 42 554	DESTINATION	Next stop is Tower Gateway where this train terminates	The next stop is Tower Gateway where this train terminates.
Stratford international Extn.			100	101011 43 555	DESTINATION	Next stop is West Ham where this train terminates	The next stop is West Ham where this train terminates.
			100	101100 44 556	DESTINATION	Next stop is West India Quay where this train terminates	The next stop is West India Quay where this train terminates.
			100	101101 45 557	DESTINATION	Next stop is West Silvertown where this train terminates	The next stop is West Silvertown where this train terminates.
			100	101110 46 558	DESTINATION	Next stop is Westferry where this train terminates	The next stop is Westferry where this train terminates.
			100	101111 47 559	DESTINATION	Next stop is Woolwich Arsenal where this train terminates	The next stop is Woolwich Arsenal where this train terminates.
			100	110000 48 560			
			100	110001 49 561	DESTINATION	Next stop is Cutty Sark where this train terminates.	The next stop is Cutty Sark for Maritime Greenwich to alight please move towards the centre of the train (pause). The next stop is Cutty Sark where this train terminates.
			100	110010 50 562	DESTINATION	Next stop is Elverson Road where this train terminates.	The next stop is Elverson Road to alight please move towards the centre of the train (pause). The next stop is Elverson Road where this train terminates.
			100	110011 51 563	DESTINATION	Next stop is Gallions Reach where this train terminates.	The next stop is Gallions Reach to alight please move towards the centre of the train (pause). The next stop is Gallions Reach where this train terminates.
			100	110100 52 564	DESTINATION	Next stop is Pudding Mill Lane where this train terminates.	The next stop is Pudding Mill Lane to alight please move towards the centre of the train (pause). The next stop is Pudding Mill Lane where this train terminates.
			100	110101 53 565	DESTINATION	Next stop is Royal Albert where this train terminates.	The next stop is Royal Albert to alight please move towards the centre of the train (pause). The next stop is Royal Albert where this train terminates.

# 1 For a three car train this message is replaced by the appropriate 3 car message below.  
 #2 For a three car train docking at platform 1 this message is replaced by message number 564



AVIS Interface Definition  
 Message Type 6 Approach to terminal  
 Trigger List

THALES TRIGGERS			Message ID		AVIS REACTION			Voice message.	
Notes	Trigger	Lines	type	id	binary id	No	External display	Internal Display	
not used			101	0	0	640	(DESTINATION)		
Stratford international Extn.			101	1	1	641	(DESTINATION)	Next stop is Abbey Road where this train terminates.	The next stop is Abbey Road Where this train will terminate, please remember to take all your belongings with you
			101	10	2	642	(DESTINATION)	Next stop is All Saints where this train terminates.	The next stop is All Saints for Chrisp Street Market Where this train will terminate, please remember to take all your belongings with you
			101	11	3	643	(DESTINATION)	Next stop is Bank where this train terminates.	The next stop is Bank Where this train will terminate, all change
			101	100	4	644	(DESTINATION)	Next stop is Beckton where this train terminates.	The next stop is Beckton Where this train will terminate, please remember to take all your belongings with you
			101	101	5	645	(DESTINATION)	Next stop is Beckton Park where this train terminates.	The next stop is Beckton Park Where this train will terminate, please remember to take all your belongings with you
			101	110	6	646	(DESTINATION)	Next stop is Blackwall where this train terminates.	The next stop is Blackwall Where this train will terminate, please remember to take all your belongings with you
reserved for future			101	111	7	647	(DESTINATION)	Next stop is Bow Church where this train terminates.	The next stop is Bow Church Where this train will terminate, all change
			101	1000	8	648	(DESTINATION)	Next stop is Bow Creek where this train terminates.	The next stop is Bow Creek Where this train will terminate, please remember to take all your belongings with you
			101	1001	9	649	(DESTINATION)	Next stop is Canary Wharf where this train terminates.	The next stop is Canary Wharf Where this train will terminate, all change
			101	1010	10	650	(DESTINATION)	Next stop is Canning Town where this train terminates.	The next stop is Canning Town Where this train will terminate, all change
			101	1011	11	651	(DESTINATION)	Next stop is London City Airport where this train terminates.	The next stop is London City Airport Where this train will terminate, please remember to take all your belongings with you
			101	1100	12	652	(DESTINATION)	Next stop is Crossharbour where this train terminates.	The next stop is Crossharbour Where this train will terminate, please remember to take all your belongings with you
			101	1101	13	653	(DESTINATION)	Next stop is Custom House for ExCeL West where this train terminates.	The next stop is Custom House for ExCeL West Where this train will terminate, please remember to take all your belongings with you
See 691 below.			101	1110	14	654	(DESTINATION)	Next stop is Cutty Sark where this train terminates.	The next stop is Cutty Sark for Maritime Greenwich. Alight here for Greenwich Town Centre, the Royal Naval College and the National Maritime Museum Where this train will terminate, all change
			101	1111	15	655	(DESTINATION)	Next stop is Cyprus where this train terminates.	The next stop is Cyprus Where this train will terminate, please remember to take all your belongings with you
			101	10000	16	656	(DESTINATION)	Next stop is Deptford Bridge where this train terminates.	The next stop is Deptford Bridge Where this train will terminate, please remember to take all your belongings with you
			101	10001	17	657	(DESTINATION)	Next stop is Devons Road where this train terminates.	The next stop is Devons Road Where this train will terminate, please remember to take all your belongings with you
			101	10010	18	658	(DESTINATION)	Next stop is East India where this train terminates.	The next stop is East India Where this train will terminate, please remember to take all your belongings with you
See 692 below.			101	10011	19	659	(DESTINATION)	Next stop is Elverson Road where this train terminates.	The next stop is Elverson Road Where this train will terminate, please remember to take all your belongings with you
See 693 below.			101	10100	20	660	(DESTINATION)	Next stop is Gallions Reach where this train terminates.	The next stop is Gallions Reach Where this train will terminate, please remember to take all your belongings with you
			101	10101	21	661	(DESTINATION)	Next stop is Greenwich where this train terminates.	The next stop is Greenwich Where this train will terminate, please remember to take all your belongings with you
			101	10110	22	662	(DESTINATION)	Next stop is Heron Quays where this train terminates.	The next stop is Heron Quays Where this train will terminate, please remember to take all your belongings with you
			101	10111	23	663	(DESTINATION)	Next stop is Island Gardens where this train terminates.	The next stop is Island Gardens Where this train will terminate, please remember to take all your belongings with you
			101	11000	24	664	(DESTINATION)	Next stop is King George V where this train terminates.	The next stop is King George the Fifth Where this train will terminate, please remember to take all your belongings with you
			101	11001	25	665	(DESTINATION)	Next stop is Langdon Park where this train terminates.	The next stop is Langdon Park Where this train will terminate, please remember to take all your belongings with you
			101	11010	26	666	(DESTINATION)	Next stop is Lewisham where this train terminates.	The next stop is Lewisham Where this train will terminate, all change
			101	11011	27	667	(DESTINATION)	Next stop is Limehouse where this train terminates.	The next stop is Limehouse Where this train will terminate, please remember to take all your belongings with you
			101	11100	28	668	(DESTINATION)	Next stop is Mudchute where this train terminates.	The next stop is Mudchute Where this train will terminate, please remember to take all your belongings with you
			101	11101	29	669	(DESTINATION)	Next stop is Pontoon Dock where this train terminates.	The next stop is Pontoon Dock Where this train will terminate, please remember to take all your belongings with you
			101	11110	30	670	(DESTINATION)	Next stop is Poplar where this train terminates.	The next stop is Poplar Where this train will terminate, please remember to take all your belongings with you
See 694 below.			101	11111	31	671	(DESTINATION)	Next stop is Prince Regent for ExCeL East where this train terminates.	The next stop is Prince Regent for ExCeL East and ICC London Where this train will terminate, please remember to take all your belongings with you
See 695 below.			101	10000	32	672	(DESTINATION)	Next stop is Pudding Mill Lane where this train terminates.	The next stop is Pudding Mill Lane Where this train will terminate, please remember to take all your belongings with you
			101	10001	33	673	(DESTINATION)	Next stop is Royal Albert where this train terminates.	The next stop is Royal Albert Where this train will terminate, please remember to take all your belongings with you
			101	10010	34	674	(DESTINATION)	Next stop is Royal Victoria where this train terminates.	The next stop is Royal Victoria Where this train will terminate, please remember to take all your belongings with you
			101	10011	35	675	(DESTINATION)	Next stop is Shadwell where this train terminates.	The next stop is Shadwell Where this train will terminate, please remember to take all your belongings with you
			101	100100	36	676	(DESTINATION)	Next stop is South Quay where this train terminates.	The next stop is South Quay Where this train will terminate, please remember to take all your belongings with you
Stratford international Extn.			101	100101	37	677	(DESTINATION)	Next stop is Star Lane where this train terminates.	The next stop is Star Lane Where this train will terminate, please remember to take all your belongings with you
			101	100110	38	678	(DESTINATION)	Next stop is Stratford where this train terminates.	The next stop is Stratford Where this train will terminate, all change
Stratford international Extn.			101	100111	39	679	(DESTINATION)	Next stop is Stratford International where this train terminates.	The next stop is Stratford Int'l Where this train will terminate, please remember to take all your belongings with you
Stratford international Extn.			101	101000	40	680	(DESTINATION)	Next stop is Stratford High Street where this train terminates.	The next stop is Stratford High Street Where this train will terminate, please remember to take all your belongings with you
reserved for future			101	101001	41	681	(DESTINATION)	Next stop is Thames Wharf where this train terminates.	The next stop is Thames Wharf Where this train will terminate, please remember to take all your belongings with you
			101	101010	42	682	(DESTINATION)	Next stop is Tower Gateway where this train terminates.	The next stop is Tower Gateway Where this train will terminate, all change
Stratford international Extn.			101	101011	43	683	(DESTINATION)	Next stop is West Ham where this train terminates.	The next stop is West Ham Where this train will terminate, please remember to take all your belongings with you
			101	101100	44	684	(DESTINATION)	Next stop is West India Quay where this train terminates.	The next stop is West India Quay Where this train will terminate, please remember to take all your belongings with you
			101	101101	45	685	(DESTINATION)	Next stop is West Silvertown where this train terminates.	The next stop is West Silvertown Where this train will terminate, please remember to take all your belongings with you
			101	101110	46	686	(DESTINATION)	Next stop is Westferry where this train terminates.	The next stop is Westferry Where this train will terminate, please remember to take all your belongings with you
			101	101111	47	687	(DESTINATION)	Next stop is Woolwich Arsenal where this train terminates.	The next stop is Woolwich Arsenal Where this train will terminate, all change
			101	110000	48	688	(DESTINATION)	Next stop is Canary Wharf where this train terminates.	The next stop is Canary Wharf Where this train will terminate, please remember to take all your belongings with you
			101	110001	49	689	(DESTINATION)		
Replaces 654 for 3-car trains			101	110010	50	690	(DESTINATION)	Next stop is Cutty Sark, where this train terminates. Alight towards the centre of the train.	The next stop is Cutty Sark for Maritime Greenwich. Alight here for to alight please move toward the centre of the train (pause). The next stop is Cutty Sark Where this train will terminate, all change
			101	110011	51	691	(DESTINATION)		
Replaces 659 for 3-car trains			101	110100	52	692	(DESTINATION)	Next stop is Elverson Road, where this train terminates. Alight towards the centre of the train.	The next stop is Elverson Road to alight please move toward the centre of the train (pause). The next stop is Elverson Road Where this train will terminate, please remember to take all your belongings with you
Replaces 660 for 3-car trains			101	110101	53	693	(DESTINATION)	Next stop is Gallions Reach, where this train terminates. Alight towards the centre of the train.	The next stop is Gallions Reach to alight please move toward the centre of the train (pause). The next stop is Gallions Reach Where this train will terminate, please remember to take all your belongings with you
Replaces 672 for 3-car trains approaching			101	110110	54	694	(DESTINATION)	Next stop is Pudding Mill Lane, where this train terminates. Alight towards the centre of the train.	The next stop is Pudding Mill Lane to alight please move toward the centre of the train (pause). The next stop is Pudding Mill Lane Where this train will terminate, please remember to take all your belongings with you
Replaces 673 for 3-car trains			101	110111	55	695	(DESTINATION)	Next stop is Royal Albert, where this train terminates. Alight towards the centre of the train.	The next stop is Royal Albert to alight please move toward the centre of the train (pause). The next stop is Royal Albert Where this train will terminate please remember to take all your belongings with you

AVIS Interface Definition  
 Message Type 7 Docked at Terminal or Exit platform  
 Trigger List

THALES TRIGGERS			Message ID		AVIS REACTION		
Notes	Trigger	Lines	type	id, binary id No	External display	Internal Display	Voice message.
not used		29, 129, 130, ED#2	110	0 0 768	DESTINATION #1	All Saints	This is All Saints This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		1, 5, 8, 14, 15, 21, 28	110	1 1 769	DESTINATION #1	Bank	This is Bank This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		ED	110	11 3 771	DESTINATION #1	Beckton	This is Beckton This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		114, 115, 132,	110	100 4 772	DESTINATION #1	Blackwall	This is Blackwall This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		4, 24, 64, 127,	110	101 5 773	DESTINATION #1	Bow Church	This is Bow Church This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		36, 50, 92, 93, 94, S	110	110 6 774	DESTINATION #1	Canning Town	This is Canning Town This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		1, 4, 5, 16, 53, 61, 74	110	111 7 775	DESTINATION #1	Crossharbour	This is Crossharbour This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
1 or 2 car trains		48, ED	110	1000 8 776	DESTINATION #1	Gallions Reach	This is Gallions Reach This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		65, 66, 68,	110	1001 9 777	DESTINATION #1	Greenwich	This is Greenwich This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		7, 106, 120, ED	110	1010 10 778	DESTINATION #1	Poplar	This is Poplar This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		3, 12, 21, 63, 86, 90,	110	1011 11 779	DESTINATION #1	Prince Regent for ExCeL East	This is Prince Regent for ExCeL East and ICC London This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		47, S3#3, ED#4	110	1100 12 780	DESTINATION #1	Royal Victoria	This is Royal Victoria This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		S9,	110	1101 13 781	DESTINATION #1	Stratford	This is Stratford This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		SIE line required	110	1110 14 782	DESTINATION #1	Stratford High Street	This is Stratford High Street This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		S8,	110	1111 15 783	DESTINATION #1	West Ham	This is West Ham This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		S9,	110	10000 16 784	DESTINATION #1	Mudchute	This is Mudchute This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
3-car trains		48, ED	110	10001 17 785	DESTINATION #1	Gallions Reach	This is Gallions Reach to alight please move towards the centre of the train This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
1 or 2 car trains		39,	110	10010 18 786	DESTINATION #1	Royal Albert	This is Royal Albert This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		18,	110	10011 19 787	DESTINATION #1	Shadwell	This is Shadwell This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
		140,	110	10100 20 788	DESTINATION #1	King George V	This is King George the Fifth This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.
3-car trains		39	110	10101 21 789	DESTINATION #1	Royal Albert	This is Royal Albert to alight please move towards the centre of the train This train terminates here, all change. When leaving the train please remember to take all of your belongings with you.

#1 destination will always be 'NOT IN SERVICE' (refer to scenarios).  
 #2 ED exit to depot  
 #3 S prefix for SIE lines.  
 #4 For 3-car trains exiting to BED on special 3-car exit paths

AVIS Interface Definition  
 Message type 8 - Departing station out of service or Special (including SDO).  
 Trigger List

THALES TRIGGERS		Message ID		AVIS REACTION				
Notes	Trigger Lines	type id	binary id	No	External display	Internal Display	Voice message.	Notes
Not used		111	0	896	NOT IN SERVICE	NOT IN SERVICE	NOT IN SERVICE	Test message for MCU3
		111	1	897	DESTINATION #1			
Not used		111	10	898	DESTINATION	Train is for	This train is for	
		111	11	899	DESTINATION	Train is for	The next stop is	
#2		111	100	900	DESTINATION	Train is for	The next stop is	
#2		111	101	901	DESTINATION	Train is for	The next stop is	
#2		111	110	902	DESTINATION	Train is for	The next stop is	
#2		111	111	903	DESTINATION	Train is for	The next stop is	
#3		111	1000	904	DESTINATION	Train is for	The next stop is	
#3		112	1001	905	DESTINATION	Train is for	The next stop is	
#3		113	1010	906	DESTINATION	Train is for	The next stop is	
		114	1011	907				
#3		115	1100	908	DESTINATION	Train is for	The next stop is	
		116	1101	909				
#3		111	1110	910	DESTINATION	Train is for	The next stop is	
#3		111	1111	911	DESTINATION	Train is for	The next stop is	
#3		111	10000	912	DESTINATION	Train is for	The next stop is	

#1 destination will always be 'NOT IN SERVICE' (refer to scenarios).  
 #2 This message is used for selective door operations when operating 3 car trains and given after departure from the previous station  
 #3 This message is used for three car selective door operations at specified stations and is given after departure, one station prior to message 899. Refer to scenario shown on page 4.

destinations

Manual Keypad	chs line 1	External display - max two lines alternating each 15 characters	chs line 2	Internal Display - max 100 characters scrolling	chs	Keypad window, max 12 digits	dgts	Phrase used in voice message where 'destination' shown in tables.	Manual Keypad	External display - max two lines alternating each 15 characters IN KEYPAD ORDER
66	10	Abbey Road		Abbey Road	10	Abbey Road	10	Abbey Road	1	Bank
18	10	All Saints		All Saints	10	All Saints	10	ALL SAINTS	2	Bank via C Wharf
1	4	Bank		Bank	4	Bank	4	BANK	3	Tower Gateway
2	4	Bank via C Wharf	11	Bank via Canary Wharf	21	Bank via CAW	12	BANK VIA CANARY WHARF	4	Tower Gateway via C Wharf
5	7	Beckton		Beckton	7	Beckton	7	BECKTON	5	Beckton
50	7	Beckton via C Wharf	11	Beckton via Canary Wharf	24	BEC via CAW	11	BECKTON VIA CANARY WHARF	6	Stratford
19	12	Beckton Park		Beckton Park	12	Beckton Park	12	Beckton Park	7	Island Gardens
20	9	Blackwall		Blackwall	9	Blackwall	9	BLACKWALL	9	Crossharbour
21	10	Bow Church		Bow Church	10	Bow Church	10	BOW CHURCH	11	Canary Wharf
63	9	Bow Creek		Bow Creek	9	Bow Creek	9	BOW CREEK	13	Poplar
11	12	Canary Wharf		Canary Wharf	12	Canary Wharf	12	CANARY WHARF	15	Lewisham
23	12	Canning Town		Canning Town	12	Canning Town	12	CANNING TOWN	16	Not in Service
51	12	Canning Town via C Wharf	11	Canning Town via Canary Wharf	29	CAT via CAW	11	CANNING TOWN VIA CANARY WHARF	17	Test Train
57	12	City Airport		London City Airport	19	City Airport	12	LONDON CITY AIRPORT	18	All Saints
58	12	City Airport via C Wharf	11	London City Airport via Canary Wharf	36	LCA via CAW	11	CITY AIRPORT VIA CANARY WHARF	19	Beckton Park
9	12	Crossharbour		Crossharbour	12	Crossharbour	12	CROSSHARBOUR	20	Blackwall
25	12	Custom House		Custom House for ExCeL West	22	Custom House	12	Custom House for ExCeL West	21	Bow Church
26	10	Cutty Sark		Cutty Sark	10	Cutty Sark	10	Cutty Sark for Maritime Greenwich.	22	East India
27	6	Cyprus		Cyprus	6	Cyprus	6	CYPRUS	23	Canning Town
29	15	Deptford Bridge		Deptford Bridge	15	Deptford Brg	12	DEPTFORD BRIDGE	25	Custom House
28	11	Devons Road		Devons Road	11	Devons Road	11	DEVONS ROAD	26	Cutty Sark
22	10	East India		East India	10	East India	10	EAST INDIA	27	Cyprus
30	13	Elverson Road		Elverson Road	13	Elverson Rd	11	ELVERSON ROAD	28	Devons Road
31	14	Gallions Reach		Gallions Reach	14	Gallions Rch	12	GALLIONS REACH	29	Deptford Bridge
32	9	Greenwich		Greenwich	9	Greenwich	9	GREENWICH	30	Elverson Road
33	11	Heron Quays		Heron Quays	11	Heron Quays	11	HERON QUAYS	31	Gallions Reach
7	14	Island Gardens		Island Gardens	14	Island Gdns	11	ISLAND GARDENS	32	Greenwich
55	13	King George V via C Airport	13	King George V via City Airport	30	KGV via LCA	11	King George the Fifth via London City Airport	33	Heron Quays
56	13	King George V		King George V	13	KGV	3	King George the Fifth	35	Limehouse
61	12	Langdon Park		Langdon Park	12	Langdon Park	12	LANGDON PARK	37	Mudchute
15	8	Lewisham		Lewisham	8	Lewisham	8	LEWISHAM	38	Prince Regent
35	9	Limehouse		Limehouse	9	Limehouse	9	LIMEHOUSE	39	Pud'g Mill Lane
37	8	Mudchute		Mudchute	8	Mudchute	8	MUDCHUTE	40	Royal Albert
16	14	Not in Service		Not in Service	14	Not in Svce	11		41	Royal Victoria
60	12	Pontoon Dock		Pontoon Dock	12	Pontoon Dock	12	PONTOON DOCK	42	Shadwell
13	6	Poplar		Poplar	6	Poplar	6	POPLAR	44	South Quay
38	13	Prince Regent		Prince Regent for ExCeL East	23	Pr Regent	9	Prince Regent for ExCeL East and ICC London	46	Thames Wharf
52	13	Prince Regent via C Wharf	11	Prince Regent via Canary Wharf	30	PRR via CAW	11	PRINCE REGENT VIA CANARY WHARF	47	Westferry
39	15	Pud'g Mill Lane		Pudding Mill Lane	17	Pudg Mill Ln	12	Pudding Mill Lane	49	West India Quay
40	12	Royal Albert		Royal Albert	12	Royal Albert	12	ROYAL ALBERT	50	Beckton via C Wharf
41	14	Royal Victoria		Royal Victoria	14	Royal Vic	9	ROYAL VICTORIA	51	Canning Town via C Wharf
42	8	Shadwell		Shadwell	8	Shadwell	8	SHADWELL	52	Prince Regent via C Wharf
44	10	South Quay		South Quay	10	South Quay	10	SOUTH QUAY	53	Woolwich Arsnl via C Airport
70	7	Special		Special	7	Special	7		54	Woolwich Arsnl via C Wharf
64	9	Star Lane		Star Lane	9	Star Lane	9	STAR LANE	55	King George V via C Airport
6	9	Stratford		Stratford	9	Stratford	9	STRATFORD	56	King George V
62	14	Stratford Int'l		Stratford International	23	Stratfd Intl	12	Stratford International	57	City Airport
67	14	Stratford H St		Stratford High Street	21	Stratfd H St	12	Stratford High Street	58	City Airport via C Wharf
17	10	Test Train		Test Train	10	Test Train	10		59	West Silvertown
46	12	Thames Wharf		Thames Wharf	12	Thames Wharf	12	THAMES WHARF	60	Pontoon Dock
3	13	Tower Gateway		Tower Gateway	13	Tower G'way	11	TOWER GATEWAY	61	Langdon Park
4	13	Tower Gateway via C Wharf	11	Tower Gateway via Canary Wharf	30	TOG via CAW	11	TOWER GATEWAY VIA CANARY WHARF	62	Stratford Int'l
65	8	West Ham		West Ham	8	West Ham	8	WEST HAM	63	Bow Creek
49	15	West India Quay		West India Quay	15	W India Quay	12	WEST INDIA QUAY	64	Star Lane
59	15	West Silvertown		West Silvertown	15	W Silvertown	12	WEST SILVERTOWN	65	West Ham
47	9	Westferry		Westferry	9	Westferry	9	WESTFERRY	66	Abbey Road
53	14	Woolwich Arsnl via C Airport	13	Woolwich Arsenal via City Airport	33	WOA via LCA	11	Woolwich Arsenal via London City Airport	67	Stratford H St
54	14	Woolwich Arsnl via C Wharf	11	Woolwich Arsenal via Canary Wharf	33	WOA via CAW	11	Woolwich Arsenal via Canary Wharf	68	Woolwich Arsnl
68	14	Woolwich Arsnl		Woolwich Arsenal	16	Wwich Arsenl	12	Woolwich Arsenal	70	Special

Longest Destination	36
Longest Station	23

**AVIS Interface Definition**

Phrases used to build audio messages.

File Ref.	Phrase
16385	Abbey Road
16386	ALL SAINTS
16387	BANK
16388	BANK VIA CANARY WHARF
16389	BECKTON
16390	BECKTON PARK
16391	BECKTON VIA CANARY WHARF
16392	BLACKWALL
16393	BOW CHURCH
16394	BOW CREEK
16395	CANARY WHARF
16396	CANNING TOWN
16397	CANNING TOWN VIA CANARY WHARF
16398	LONDON CITY AIRPORT
16399	CITY AIRPORT VIA CANARY WHARF
16400	CROSSHARBOUR
16401	Custom House for ExCeL
16402	Cutty Sark for Maritime Greenwich.
16403	CYPRUS
16404	DEPTFORD BRIDGE
16405	DEVONS ROAD
16406	EAST INDIA
16407	ELVERSON ROAD
16408	GALLIONS REACH
16409	GREENWICH
16410	HERON QUAYS
16411	ISLAND GARDENS
16412	King George the Fifth
16413	King George the Fifth via London City Airport
16414	LANGDON PARK
16415	LEWISHAM
16416	LIMEHOUSE
16417	MUDCHUTE
16418	NOT IN SERVICE
16419	PONTOON DOCK
16420	POPLAR
16421	PRINCE REGENT for ExCeL
16422	PRINCE REGENT VIA CANARY WHARF
16423	Pudding Mill Lane
16424	ROYAL ALBERT
16425	ROYAL VICTORIA
16426	SHADWELL
16427	SOUTH QUAY
16428	STAR LANE
16429	STRATFORD
16430	Stratford International
16431	Stratford High Street
16432	THAMES WHARF
16433	TOWER GATEWAY
16434	TOWER GATEWAY VIA CANARY WHARF
16435	WEST HAM
16436	WEST INDIA QUAY
16437	SILVERTOWN
16438	WESTFERRY
16439	Woolwich Arsenal via London City Airport
16440	Woolwich Arsenal via Canary Wharf
16441	Woolwich Arsenal via London City Airport
16442	TEST TRAIN
16443	SPECIAL
16444	VIA CANARY WHARF
16452	Cutty Sark
16453	All Saints for Chrisp Street Market
16454	Prince Regent for ExCeL
16456	Prince Regent for ExCeL, East and ICC London
16456	Change for National Rail and local bus services
16457	Change for National Rail services
16458	for London Underground Central and Jubilee Lines, National Rail and local bus services
16459	for London Underground services
16460	for London Underground District and Circle Lines at Tower Hill station
16461	Change for London Underground District and Hammersmith and City Lines at Bow Road station.
16462	Change for London Overground
16463	Change for London Underground Jubilee Line
16466	Custom House for ExCeL, West
16467	Cutty Sark for Maritime Greenwich, Alight here for Greenwich Town Centre, the Royal Naval College and the National Maritime Museum
16468	Change for stations towards Bank and Tower Gateway
16469	Change for stations towards Beckton and London City Airport
16471	Change for station towards Beckton, London City Airport, Bank and Tower Gateway
16473	Change for stations towards Canary Wharf and Lewisham
16474	for London Underground Jubilee Line and for stations towards Greenwich and Lewisham
16476	Change for stations towards Stratford
16478	Change for stations towards Stratford, Canary Wharf and Lewisham
16480	Change for stations towards Beckton, London City Airport and Stratford
16481	Royal Albert for West Beckton
16482	The next stop is
16483	The train will terminate, please remember to take all your belongings with you
16484	This is
16485	This train is for
16486	Please contact the Train Captain or press the Passenger Alarm immediately
16487	This train terminates here, all change, when leaving the train please remember to take all your belongings with you
16488	via Canary Wharf
16488	where this train terminates.
16490	All Saints for Chrisp Street Market
16491	The next stop is Poplar. The Train will reverse on route
16493	This train is not in service
16512	Train is for
16513	Next stop is
16514	train is for
16515	train terminates here
16516	Please remember to take all your belongings with you
16517	Change for stations towards Beckton, London Underground Jubilee Line and local bus services
16518	for London Underground District and Hammersmith and City Line at Bow Road station
16519	for National Rail and local bus services
16520	for London Underground Jubilee Line and local bus services
16521	Change for London Underground Jubilee Line and local bus services.
16522	The train will terminate, all change
16523	change for London Underground Jubilee Line and for stations towards Greenwich and Lewisham
16524	When leaving the train please remember to take all your belongings with you
16525	where this train will terminate, all change
16526	where this train will terminate, please remember to take all your belongings with you.
16527	Change for London Underground services
16528	as
16529	at
16530	please leave the train from the right hand side in the direction of travel
16531	the first two sets and last two sets of doors will not open
16532	to alight please move towards the centre of the train
16533	This train does not stop at West India Quay, for West India Quay please change at Canary Wharf and go to Platform 5
16534	and DLR to West India Quay
16535	change for London Underground Jubilee Line
16537	(Pause) The next stop is