

### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A102 Blackwall Tunnel Approach Nr Boord Street E/B, Greenwich, A2 Rochester Way Nr Wricklemarsh Road E/B, Greenwich, A2 Rochester Way Nr Wricklemarsh Road E/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739946-12 Camera Height - 7.05 Camera Skew - 6.3

Nominal Camera Distance D to datum - 34m

Camera S/N - S070762

Site 2 Camera 1:

Camera ID: 06-739947-12 Camera Height - 7.08 Camera Skew - 5.9

Nominal Camera Distance D to datum - 34m

Camera S/N - S071012

ERCU serial number: 2B678C2

Site 1 Camera 2:

Camera ID: 06-739946-23 Camera Height - 7.07 Camera Skew - 9.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070707

Site 2 Camera 2:

Camera ID: 06-739947-23 Camera Height - 7.01 Camera Skew - 12

Nominal Camera Distance D to datum - 34m

Camera S/N - S071011

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A102 Blackwall Tunnel Approach Nr Boord Street E/B , Greenwich	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	06-739946-12	06-739947-12	2995.513
2	A102 Blackwall Tunnel Approach Nr Boord Street E/B , Greenwich	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	06-739946-12	06-739947-23	2995.213
3	A102 Blackwall Tunnel Approach Nr Boord Street E/B , Greenwich	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	06-739946-23	06-739947-12	2995.345
4	A102 Blackwall Tunnel Approach Nr Boord Street E/B , Greenwich	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	06-739946-23	06-739947-23	2995.045

This information is lodged as a data pack under the part number: 667/QF/52437/063

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signe

Date 21/2/12

Job Title SENIOR APPLICATION ENFORCEMENT ENGINEER

Signed by

Date 22 FCB 17

Job Title GNG IN ECRING DIRECTOR



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich, A2 Rochester Way Relief Road Nr Westhorne Ave Off

Slip E/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739947-12 Camera Height - 7.08 Camera Skew - 5.9 Nominal Camera Distance D to datum - 34m

Camera S/N - S071012

Site 2 Camera 1:

Camera ID: 06-739948-12 Camera Height - 6.36 Camera Skew - 5 Nominal Camera Distance D to datum - 34m Camera S/N - S070945

ERCU serial number: 2B678C2

Site 1 Camera 2:

Camera ID: 06-739947-23 Camera Height - 7.01 Camera Skew - 12 Nominal Camera Distance D to datum - 34m

Camera S/N - S071011

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	A2 Rochester Way Relief Road Nr Westhorne Ave Off Slip E/B, Greenwich	06-739947-12	06-739948-12	1531.194
2	A2 Rochester Way Nr Wricklemarsh Road E/B , Greenwich	A2 Rochester Way Relief Road Nr Westhorne Ave Off Slip E/B, Greenwich	06-739947-23	06-739948-12	1530.807

This information is lodged as a data pack under the part number: 667/QF/52437/065

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by
Date 21/2/17
Date 22 FEB 17
Job Title Seniur Applications Enforcement Engineer. Job Title GNGINEGRING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/065 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Rd Nr Well Hall Rd E/B, Greenwich, Bourne Rd Off Slip Nr A2 East Rochester Way E/B,

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739949-12 Camera Height - 6.6 Camera Skew - 6.6

Nominal Camera Distance D to datum - 34m

Camera S/N - S071007

Site 2 Camera 1:

Camera ID: 18-739951-12 Camera Height - 7.13 Camera Skew - 11 Nominal Camera Distance D to datum - 34m Camera S/N - S070704

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Relief Rd Nr Well Hall Rd E/B, Greenwich	Bourne Rd Off Slip Nr A2 East Rochester Way E/B, Bexley	06-739949-12	18-739951-12	7438.041

This information is lodged as a data pack under the part number: 667/QF/52437/067

Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed b Date Job Title JOB TITLE SENIOR APPLICATIONS ENFORCEMENT ENGINEER

Signed by 22 FOB 17 ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/067 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Rd Nr Well Hall Rd E/B, Greenwich, A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley, A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739949-12
Camera Height - 6.6
Camera Skew - 6.6
Nominal Camera Distance D to datum - 34m
Camera S/N - S071007

Site 2 Camera 1:

Camera ID: 18-739958-12 Camera Height - 7.08 Camera Skew - 5.47 Nominal Camera Distance D to datum - 34m Camera S/N - S070748

ERCU serial number: 2B678C2

Site 2 Camera 2:

Camera ID: 18-739958-23 Camera Height - 7.1 Camera Skew - 12 Nominal Camera Distance D to datum - 34m

Camera S/N - S070710

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Relief Rd Nr Well Hall Rd E/B, Greenwich	A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley	06-739949-12	18-739958-12	8655.995
2	A2 Rochester Way Relief Rd Nr Well Hall Rd E/B, Greenwich	A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley	06-739949-12	18-739958-23	8654.834

This information is lodged as a data pack under the part number: 667/QF/52437/068

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No : 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by
Date 21/2/17
Job Title SENIOR APPLICATIONS ENFORCEMENT ENGINEER

Signed by

Date 22 FGB 17

Job Title GNGINEGRING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/068 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: Bourne Rd On Slip Nr A2 East Rochester Way E/B, Bexley, A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley, A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739919-12
Camera Height - 6.77
Camera Skew - 11
Nominal Camera Distance D to datum - 34m
Camera S/N - S070703

Site 2 Camera 1:

Camera ID: 18-739958-12 Camera Height - 7.08 Camera Skew - 5.47 Nominal Camera Distance D to datum - 34m Camera S/N - S070748

ERCU serial number: 2B678C2

Site 2 Camera 2:

Camera ID: 18-739958-23 Camera Height - 7.1 Camera Skew - 12 Nominal Camera Distance D to datum - 34m

Camera S/N - S070710

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	Bourne Rd On Slip Nr A2 East Rochester Way E/B, Bexley	A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley	18-739919-12	18-739958-12	1118.766
2	Bourne Rd On Slip Nr A2 East Rochester Way E/B, Bexley	A2 East Rochester Way Nr Old Bexley Lane Off Slip E/B, Bexley	18-739919-12	18-739958-23	1117.604

This information is lodged as a data pack under the part number: 667/QF/52437/069

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No : 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2417

Date 22 FEB 17

Job Title Senior APLICATIONS ENFORCEMENT ENGINEER. Job Title GNG(NECRING DIRECTOR)

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/069 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley, A2 East Rochester Way Nr Southwold Rd W/B,

Bexley

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739959-12 Camera Height - 7.05 Camera Skew - 6.3 Nominal Camera Distance D to datum - 34m

Camera S/N - S071009

Site 2 Camera 1:

Camera ID: 18-739952-12 Camera Height - 5.95 Camera Skew - 4.8 Nominal Camera Distance D to datum - 34m Camera S/N - S070758

ERCU serial number: 2B678C2

Site 1 Camera 2:

Camera ID: 18-739959-23 Camera Height - 7.07 Camera Skew - 9.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070800

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley	A2 East Rochester Way Nr Southwold Rd W/B, Bexley	18-739959-12	18-739952-12	1026.497
2	A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley	A2 East Rochester Way Nr Southwold Rd W/B, Bexley	18-739959-23	18-739952-12	1025.932

This information is lodged as a data pack under the part number : 667/QF/52437/070

#### Calibration Equipment

Oxford TS Survey+ Serial No : 5870

Oxford TS Survey+ Antenna Serial No : 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.



Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/070 Issue 1



# Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley, Riefield Road Off Slip Nr A2 East Rochester Way W/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739959-12 Camera Height - 7.05 Camera Skew - 6.3

Nominal Camera Distance D to datum - 34m

Camera S/N - S071009

Site 2 Camera 1:

Camera ID: 18-739955-12 Camera Height - 6.9 Camera Skew - 6

Nominal Camera Distance D to datum - 34m

Camera S/N - S071008

ERCU serial number: 2B678C2

Site 1 Camera 2:

Camera ID: 18-739959-23 Camera Height - 7.07 Camera Skew - 9.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070800

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley	Riefield Road Off Slip Nr A2 East Rochester Way W/B, Greenwich	18-739959-12	18-739955-12	5979.472
2	A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley	Riefield Road Off Slip Nr A2 East Rochester Way W/B, Greenwich	18-739959-23	18-739955-12	5978.902

This information is lodged as a data pack under the part number: 667/QF/52437/071

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No : 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Sign Date 21/2/17 Job Title Senior Application ENFORCEMENT ENGINEER. Signed by
Date 22 FGB 17
Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/071 Issue 1





### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley, A2 Rochester Way Relief Road Nr Well Hall Rd

W/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739959-12 Camera Height - 7.05

Camera Skew - 6.3

Nominal Camera Distance D to datum - 34m

Camera S/N - S071009

Site 2 Camera 1:

Camera ID: 06-739950-12 Camera Height - 6.34

Camera Skew - 6.4 Nominal Camera Distance D to datum - 34m

Camera S/N - S070709

ERCU serial number: 2B678C2

Site 1 Camera 2:

Camera ID: 18-739959-23 Camera Height - 7.07 Camera Skew - 9.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070800

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1		A2 Rochester Way Relief Road Nr Well Hall Rd W/B, Greenwich	18-739959-12	06-739950-12	8558.922
2	A2 East Rochester Way Nr Old Bexley Lane On Slip W/B, Bexley	A2 Rochester Way Relief Road Nr Well Hall Rd W/B, Greenwich	18-739959-23	06-739950-12	8558.358

This information is lodged as a data pack under the part number: 667/QF/52437/072

Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No : 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2/17

Date 22 FGB 17

Job Title Senior APPLICATION ENFORCEMENT ENGINEER. Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/072 Issue 1



## Declaration of Baseline Distances and Site Geometry

Primary Site Location: Southwold Road On Slip Nr A2 East Rochester Way W/B, Bexley, A2 Rochester Way Relief Road Nr Well Hall Rd

W/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739953-12 Camera Height - 6.99 Camera Skew - 2.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070739

Site 2 Camera 1:

Camera ID: 06-739950-12 Camera Height - 6.34 Camera Skew - 6.4 Nominal Camera Distance D to

Nominal Camera Distance D to datum - 34m

Camera S/N - S070709

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	Southwold Road On Slip Nr A2 East Rochester Way W/B, Bexley	A2 Rochester Way Relief Road Nr Well Hall Rd W/B, Greenwich	18-739953-12	06-739950-12	7434.324

This information is lodged as a data pack under the part number: 667/QF/52437/073

Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2/17

Date 22 FGB 17

Job Title Senior Applications Enforcement Enember Job Title Engineering Director

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/073 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: Southwold Road On Slip Nr A2 East Rochester Way W/B, Bexley, Riefield Road Off Slip Nr A2 East Rochester Way W/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739953-12 Camera Height - 6.99 Camera Skew - 2.5 Nominal Camera Distance D to datum - 34m Camera S/N - S070739

Site 2 Camera 1:

Camera ID: 18-739955-12 Camera Height - 6.9 Camera Skew - 6 Nominal Camera Distance D to datum - 34m Camera S/N - S071008

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
	Southwold Road On Slip Nr A2 East Rochester Way W/B, Bexley	Riefield Road Off Slip Nr A2 East Rochester Way W/B, Greenwich	18-739953-12	18-739955-12	4854.848

This information is lodged as a data pack under the part number: 667/QF/52437/074

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2/17

Job Title Senior Application Enforcement ENGINEER Job Title Gugineering Director

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/074 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: Danson Interchange On Slip Nr A2 East Rochester Way W/B, Greenwich, Riefield Road Off Slip Nr A2 East

Rochester Way W/B, Greenwich Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739954-12 Camera Height - 6.78 Camera Skew - 2.5 Nominal Camera Distance D to datum - 34m Camera S/N - S070776

Site 2 Camera 1:

Camera ID: 18-739955-12 Camera Height - 6.9 Camera Skew - 6 Nominal Camera Distance D to datum - 34m Camera S/N - S071008

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	Danson Interchange On Slip Nr A2 East Rochester Way W/B, Greenwich		06-739954-12	18-739955-12	2504.681

This information is lodged as a data pack under the part number: 667/QF/52437/075

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2/17

Job Title SENIOR APPLICATIONS ENFORCEMENT ENGINEER.

Job Title ENGINEER

Signed by

Date 22 FGB 17

Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/075 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: Danson Interchange On Slip Nr A2 East Rochester Way W/B, Greenwich, A2 Rochester Way Relief Road Nr Well

Hall Rd W/B, Greenwich

Commissioning Date: 16/05/2016

#### Site 1 Camera 1:

Camera ID: 06-739954-12 Camera Height - 6.78 Camera Skew - 2.5 Nominal Camera Distance D to datum - 34m Camera S/N - S070776

#### Site 2 Camera 1:

Camera ID: 06-739950-12 Camera Height - 6.34 Camera Skew - 6.4 Nominal Camera Distance D to datum - 34m Camera S/N - S070709

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	Danson Interchange On Slip Nr A2 East Rochester Way W/B, Greenwich		06-739954-12	06-739950-12	5083.9

This information is lodged as a data pack under the part number: 667/QF/52437/076

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 21/2/17

Date 22 FGS 17

Job Title Senior Applications Enforcement ENGINEET Job Title ENGINEERING DIRECTOR

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667/QF/52437/076 Issue 1





## Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Road Nr Well Hall Rd W/B, Greenwich, A2 Rochester Way Relief Road Nr Westhorne Ave

On Slip E/B, Greenwich

Commissioning Date: 16/05/2016

#### Site 1 Camera 1:

Camera ID: 06-739950-12 Camera Height - 6.34 Camera Skew - 6.4 Nominal Camera Distance D to datum - 34m Camera S/N - S070709

#### Site 2 Camera 1:

Camera ID: 06-739956-12 Camera Height - 6.47 Camera Skew - 5.5 Nominal Camera Distance D to datum - 34m Camera S/N - S070731

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1		A2 Rochester Way Relief Road Nr Westhorne Ave On Slip E/B, Greenwich		06-739956-12	1111.444

This information is lodged as a data pack under the part number : 667/QF/52437/077

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.



Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/077 Issue 1



### Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Road Nr Westhorne Ave On Slip E/B, Greenwich, A2 Rochester Way Relief Road Nr

Westbrook Rd W/B, Bexley

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 06-739956-12 Camera Height - 6.47 Camera Skew - 5.5 Nominal Camera Distance D to datum - 34m Camera S/N - S070731

Site 2 Camera 1:

Camera ID: 18-739957-12 Camera Height - 6.85 Camera Skew - 5 Nominal Camera Distance D to datum - 34m Camera S/N - S070752

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Relief Road Nr Westhorne Ave On Slip E/B, Greenwich	A2 Rochester Way Relief Road Nr Westbrook Rd W/B, Bexley	06-739956-12	18-739957-12	1510.771

This information is lodged as a data pack under the part number : 667/QF/52437/079

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by

Date 2112117

Date 22 FEB 17

Job Title SENIOR APPLICATIONS ENFORCEMENT ENGINEER. Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/079 Issue 1



## Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Road Nr Westbrook Rd W/B, Bexley, A102 Blackwall Tunnel Approach Nr Blackwall Lane W/B, Greenwich, A102 Blackwall Tunnel Approach Nr Blackwall Lane W/B, Greenwich

Commissioning Date: 16/05/2016

Site 1 Camera 1:

Camera ID: 18-739957-12 Camera Height - 6.85 Camera Skew - 5

Nominal Camera Distance D to datum - 34m

Camera S/N - S070752

Site 2 Camera 1:

Camera ID: 18-739920-12 Camera Height - 7.13 Camera Skew - 8.3

Nominal Camera Distance D to datum - 34m

Camera S/N - S071010

ERCU serial number: 2B678C2

Site 2 Camera 2:

Camera ID: 18-739920-23 Camera Height - 7.12 Camera Skew - 11.5

Nominal Camera Distance D to datum - 34m

Camera S/N - S071005

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Relief Road Nr Westbrook Rd W/B, Bexley	A102 Blackwall Tunnel Approach Nr Blackwall Lane W/B, Greenwich	18-739957-12	18-739920-12	2639.098
2		A102 Blackwall Tunnel Approach Nr Blackwall Lane W/B, Greenwich	18-739957-12	18-739920-23	2639.23

This information is lodged as a data pack under the part number: 667/QF/52437/080

Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by
Date ZI(ZII)

Job Title SENIOR APPLICATIONS ENFORCEMENT ENGINEER

Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/080 Issue 1



# Declaration of Baseline Distances and Site Geometry

Primary Site Location: A2 Rochester Way Relief Road Nr Westbrook Rd W/B, Bexley, Blackwall Lane Slip Nr A102 Blackwall Tunnel

Approach W/B, Greenwich

Commissioning Date: 16/05/2016

#### Site 1 Camera 1:

Camera ID: 18-739957-12 Camera Height - 6.85 Camera Skew - 5 Nominal Camera Distance D to datum - 34m Camera S/N - S070752

#### Site 2 Camera 1:

Camera ID: 18-739980-12 Camera Height - 6.96 Camera Skew - 3.1 Nominal Camera Distance D to datum - 34m Camera S/N - S070767

ERCU serial number: 2B678C2

The following table of baseline distances was calculated from site data collected at the time of commissioning and forms the basis of the data which has been written to the read-only memory module installed in the ERCU with the serial number indicated above.

ID	From	То	From Cam ID	To Cam ID	Baseline metres
1	A2 Rochester Way Relief Road Nr Westbrook Rd W/B, Bexley	Blackwall Lane Slip Nr A102 Blackwall Tunnel Approach W/B, Greenwich	18-739957-12	18-739980-12	2578.803

This information is lodged as a data pack under the part number : 667/QF/52437/081

#### Calibration Equipment

Oxford TS Survey+ Serial No: 5870

Oxford TS Survey+ Antenna Serial No: 504217

I confirm that the Safezone Average Speed Installation described above has been configured with the baseline distances specified in this certificate (as measured by the procedure specified in 667/HE/45141/000) in accordance with the Home Office Type Approval for the Safezone Average Speed System.

All parts and components used in the installation, including any replaced, are identical to those used in the device as Type Approved.

Signed by
Date ZI(ZII)

Date ZI FEB 17

Job Title SENIOR APPLICATIONS ENFORTEMENT ENGINEER.

Job Title ENGINEERING DIRECTOR

Siemens has exercised all reasonable skill, care and diligence in the production of the above declaration. Any results or recommendations given in this declaration are correct to the best of Siemens' knowledge at the time of preparing the report.

667/QF/52437/081 Issue 1