

## Highways Agency LOGging ENvironment (Halogen) Scheduled Reports

### What are Scheduled Reports?

Scheduled reports are bespoke reports that present information on data that is logged to Halogen. Reports fall into 3 main categories which are as follows: 1) Equipment Faults, 2) Equipment Settings and 3) System Reports. These reports can be scheduled to be automatically run and emailed to you on a regular basis.

Scheduled reports can be obtained by contacting the Halogen Help Desk either by email at [helpdesk.tts@mottmac.com](mailto:helpdesk.tts@mottmac.com), or by telephone on 0141 222 4666. The Halogen Support Team will be able to advise on the scheduled reports available and discuss any specific requirements that you may have for a bespoke report.

### What are the benefits of Scheduled Reports?

The key benefits of Scheduled Reports are:

- Users can request a bespoke report for any log data stored in Halogen;
- Users can specify when they wish to receive the reports (daily, weekly or monthly);
- Users can customise each report for specific parameters, e.g. road/area, time period, etc; and
- These reports are sent directly to the users email account – there is no need to log on and download data.

### What Scheduled Reports are available via the Halogen helpdesk?

The following scheduled reports are available via the Halogen Help Desk:

#### Equipment Faults

Report Title & Reference Number	Description	User parameters
Performance of MIDAS outstations (4)	Reports on the performance of MIDAS outstation equipment for all RCCs. Includes summaries of faults, message rejects, outstation resets and transmissions and retries.	Date and time period
All outstanding device faults (8)	Lists all outstanding device faults and MOD logs for a user specified area, including the number and duration of faults.	Start and end date, frequency
Uncleared MIDAS faults (19)	Returns a count of the uncleared MIDAS Loops, Outstations and Transponder faults within the stated reporting period for each RCC. Allows MIDAS fault trend analysis to be undertaken.	Date and time period, frequency
Faults cleared on COBS (23)	Lists equipment faults for all regions cleared on the COBS system, with a user specified minimum duration, for a given time period.	Date and time period, fault duration

#### Want to know more?

Contact the Halogen Help Desk  
Tel: 0141 222 4666  
Email: [helpdesk.tts@mottmac.com](mailto:helpdesk.tts@mottmac.com)  
Web: <https://halogenonline.dft.gov.uk/>



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Report Title & Reference Number	Description	User parameters
Faults not cleared on COBS (24)	Lists equipment faults for all regions that were not cleared on the COBS system with a user specified minimum duration for a given time period.	Date and time period, fault duration
Severity of telephone faults (26)	Provides details of telephone fault detections that are grouped by severity.	Date and time period
Pie chart for worst 10 entries of equipment faults (27)	Pie chart showing the fault count by type for all of MIDAS (MID), Message Subsystem (MSS), Signals (SIG), Transponders (TPRs), Responders (RES) and Telephones (TEL). The worst 10 entries are listed based on a combination of equipment type, equipment reference and fault type.	Date period
Equipment faults summary (30)	This report returns the number of faults received for equipment. This is a weekly report summarising the faults day by day.	N/A
Telephone faults cleared on COBS for NWRCC (33)	Lists telephone faults for the North West Region that were cleared on the COBS system with a user specified minimum duration for a given time period.	Date and time period, fault duration, frequency
Telephone faults not cleared on COBS for NWRCC (34)	Lists telephone faults for the North West Region that were not cleared on the COBS system with a user specified minimum duration for a given time period.	Date and time period, fault duration, frequency
Fault persistence report for NW RCC (41)	Correlates current equipment faults within the North West RCC area, with faults of the same type on the same equipment which were successfully cleared automatically in the preceding year.	Start and end date
SIG settings and duration (56)	Provides Signal (SIG) subsystem usage including the number of settings and setting duration.	Date and time period, reference date and time, duration
Signal faults for WM RCC (59)	This report summarises fault information for each signal in the West Midlands RCC area including setting duration.	Date and time period, duration
List of telephone faults for SERCC (60)	Provides details of telephone faults on a monthly basis for the SERCC.	Date
MIDAS loop faults for the M25 (61)	MIDAS loop faults report covering the M25 DBFO area.	N/A

### Equipment Settings

Report Title & Reference Number	Description	User parameters
Operator signs & signals setting statistics (18)	Provides operator signs and signals setting events statistics for each RCC on a monthly basis since April 2007.	Date and time period
COBS sign and signal settings (42)	Provides all COBS sign and signal settings for the specified period for any RCC.	Signal address, date and time period, traffic flow direction
MSS settings and duration (55)	Provides Message Sign Subsystem (MSS) usage including the number of settings and setting duration.	Date and time period, reference date and time
MSS Setting Volume (65)	Monthly Message Subsystem Settings volume for all RCCs.	N/A
SIG Setting Volume (66)	Monthly Signal Settings volume for all RCCs.	N/A

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## System Reports

Report Title & Reference Number	Description	User parameters
Logs received per FEP (1)	Returns the number of logs received per Front End Processor (FEP) on a rolling monthly basis.	N/A
System parameter summary reports (10)	Summary reports containing bar graphs can be produced for various system parameters. Please contact the Help Desk to discuss your particular requirement.	Date and time period
COBS start-up (22)	Provides details of Control Office Base System (COBS) and subsystem start-up information in an Excel spreadsheet.	Date and time period
Performance of RCC instation subsystems (25 & 54)	This report provides information on the performance of all the instation subsystems within the RCC and lists COBS and OIF shutdowns and startups.	Date period and frequency
COBS, Subsystem and TLC start-up (29)	Provides information on COBS, Subsystem and Telephone Line Controller (TLC) start-ups for all RCCs.	Date and time period
Worst performing TPR and LCC links (46)	A report on the worst performing Transponder (TPR) and Local Communications Controller (LCC) links per RCC.	Date and time period
System Performance for all TPR and LCC links (71)	This report provides the number of transmissions and retries, the number of faults and the percentage of retries for all RCCs and all LCC and TPR links.	Date period and frequency

### Can I request a new Scheduled Report?

Yes – the Halogen Support team can provide users with the scheduled reports listed above, alternatively the current reports can be customised for particular user requirements, or new reports tailored for individual requirements can be produced, providing the data is held in the Halogen database. In some cases new or customised reports can be provided to the user free of charge.

### How can I access the Scheduled Reports?

A Halogen login account is required in order to access the Scheduled Reports. These reports can be obtained by contacting the Halogen Help Desk by emailing [helpdesk.tts@mottmac.com](mailto:helpdesk.tts@mottmac.com), or by calling 0141 222 4666. The Halogen Support Team will be able to provide you with more details and examples of the scheduled reports that are available.

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