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Hal gen Roadside Fault Display User Guide http://www.rccstatus.org.uk

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Roadside Fault Display User Guide

http://www.rccstatus.org.uk

Issue and Revision Record

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Summary

This document has been produced for the users of the **Roadside Fault Display** and describes the functionality and operation of the system.

1 Introduction

1.1 Overview

The Halogen Roadside Fault Display is a simple light-weight web site (<u>www.rccstatus.org.uk</u>) that allows an RMC to quickly and easily:

- Identify the most recent equipment and telephone fault logs for a Control Office or RMC Area.
- Determine the current status of an equipment item.
- View the fault log history of the equipment identified in the fault logs.

The information displayed is derived from the fault and status logs stored within Halogen. These logs are obtained from the Control Office logging subsystems.

All displays generated by the Roadside Fault Display are kept basic and minimal to allow engineers working roadside to access the information using laptops and PDAs over very low-bandwidth Internet connections.

It is assumed that the reader is familiar with basic Internet browser concepts and can connect to the Internet.

1.2 Document Structure

Chapter 2 describes how to become a Roadside Fault Display user.

Chapter 3 is a quick start guide to the Roadside Fault Display illustrating by example some of the key features. This will equip users with a basic familiarity required to immediately use the Roadside Fault Display.

Chapter 4 provides a more in-depth description of the usage and functionality of the Roadside Fault Display.

Chapter 5 documents the contact information for the Halogen Help Desk.

1.3 Glossary

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CO	Control Office
RMC	Regional Maintenance Contractor

2 How to become a Roadside Fault Display User

2.1 Contact the Help Desk

You must register with the Halogen Help Desk to become a user of the Roadside Fault Display. The Halogen Help Desk contact details are documented in section 5.

2.2 What information do I have to provide?

When contacting the Halogen Help Desk, you will be asked to provide:

- Your name and contact details.
- The reason why you require access to the Roadside Fault Display.

2.3 Are there any approvals required?

The Highways Agency will approve all Roadside Fault Display users.

After your registration has been approved, you will be issued with a user-name and password.

2.4 What software is required?

The Roadside Fault Display is a web site. The only software required is an Internet browser capable of connecting to the World Wide Web.

Microsoft's Internet Explorer 6 is currently the most commonly available of the Internet browsers. The examples in this document are shown using Internet Explorer 6 and Pocket Internet Explorer

Whilst not supported, it is possible to access the Roadside Fault Display using other Internet browsers.

3 A Quick Guide to the Roadside Fault Display

The intention of this section is to provide a quick start guide to the Roadside Fault Display, describing by example how to perform key operations.

A detailed description of the Roadside Fault Display functionality can be found in section 4.

3.1 How do I access the Roadside Fault Display?

- Start your web browser.
- Enter the web address <u>www.rccstatus.org.uk</u> in the Address field of your web browser.



Figure 1 : Roadside Fault Display web address

- After a short delay, you will be prompted for your Roadside Fault Display access credentials.
- Enter your user-name and password as supplied by the Halogen Help Desk. Note that the username and password fields are case-sensitive.



Click the Login button.

•

Figure 2 : Roadside Fault Display password access

• The Roadside Fault Display will display the list of available Control Offices (see Figure 3).

3.2 How do I identify a Control Office and view its logging status?

- The Roadside Fault Display will list the available Control Offices after you have successfully logged in. The Control Office names are the shortened form as stored in Halogen.
- The Logging Systems for each Control Office and their status is also displayed on this page.
- To view a Control Office, click on its name, for example NE RCC the North East RCC.

Roadside View by <u>RMC Area</u>	Fault Display			
Control Office	Logging System	Connection Status	Latest Log Received Time	dil Destud DC
	NE RCC Subsystem	CONNECTED	2007-04-24 07:43:19 BST	
NE RCC	North East RCC	NOT CONNECTED	2006-03-03 14:11:33 GMT	😥 🖉 Internet Evolorer 🛛 🗮 🚅 9:59 🔗
	NE RCC Met Subsystem	CONNECTED	2006-04-20 11:05:07 BST	
NW RCC	North West RCC	CONNECTED	2006-05-02 20:25:23 BST	http://www.rccstatus.org.uk/
ERCC	Eastern RCC	CONNECTED	2006-05-02 20:25:21 BST	- Intepit/intericestation graity
WM RCC	West Midlands RCC	NOT CONNECTED	2005-05-22 17:22:17 BST	
EMPOO	WM RCC Met Subsystem	NOT CONNECTED	2006-05-02 20:13:44 BS1	Roadside Fault Display 🌅 🚽 🔤
SWRCC	East Minianus RCC	NOTCONNECTED	2000-03-03 14:11:35 (31:11	
SERCO	South Fact RCC	CONNECTED	2006 05 02 20:25:12 BST	FILEW IN DIRE ALEA.
Ine invitation disp	uide <u>Halogen Website</u> <u>Feedbac</u>] 2007	ç		North East RCC Status: NOT CONNECTED Last Log: 2006-03-03 14:11:33 NE RCC Met Subsystem Status: CONNECTED View Tools A A A

Figure 3 : Available Control Offices

- The Roadside Fault Display will display the status of all the logging systems within the Control Office. In this example, the logging systems of the North East RCC are displayed along with
 - The Halogen connection status of the logging system. "Connected" logging systems will be displayed in green and "Not Connected" logging systems will be displayed in red.
 - \circ The time the last log was received from the logging system.

For a Control Office with multiple logging systems, all logging system connection statuses and times of the last log received will be displayed.

NE RCC Control Office	re Co
Logging System Name Connection Status Latest Log Received Time Status Of	:H Pocket PC
NE RCC Subsystem CONNECTED 2007-04-24 07:43:19 BST TPR RES LCC SIG MSS TEL North Fast RCC NOT CONNECTED 2006-03-03 14:11:33 GMT TPR RES LCC SIG MSS TEL NE RCC Met Subsystem CONNECTED 2006-04-20 11:05:07 BST TPR RES LCC SIG MSS TEL	Internet Explorer # ◄< 10:03 http://www.rccstatus.org.uk/ ▼
Display Current Significant Faults with :	NE RCC Control Office
Equipment Type: ALL -	Logging System Status
Fault Type: ALL Road Section: ALL ALL to	NE RCC Subsystem Status CONNECTED
Back to previous page.	Last log 2007-04-24 07:43:19 Status of TPR RES LCC SIG MSS TEL
Search Control Office Fault Logs by	North East RCC Status NOT CONNECTED
© Equipment Ref: LCC Search	Last log 2006-03-03 14:11:33 Status of TPR RES LCC SIG MSS TEL
The information displayed on this web site is provided in good faith by Halogen. <u>Home Page User Guide Halogen Website</u> <u>Feedback</u> Crown Copyright © 2007	View Tools 🛊 😒 🖾 ☆ 🔤 🔺

Figure 4 : Control Office logging system status

3.3 How do I identify an RMC Area

- The Roadside Fault Display will list the available Control Offices after you have successfully logged in.
- To view all RMC Areas, click on the View by RMC Area link.
- The Roadside Fault Display will list the available RMC Areas.
- To view an RMC Area, click on its name, for example MAC 12 (N/S Yorks, Hull).

Roadside Fault Display	
View by <u>RCC</u> .	H Pocket PC
Avon and Somerset (CO91) Bedford (CO65) Cambridge (CO66) Cumbria (CO23) Darrington 2 Dishforth Dartford River Crossing Devon and Cornwall (CO96) Durham East Midlands Greater Manchester (CO21) Heston (CO82) Humberside (CO32) Kent (CO73) Kidlington (CO 74) Lancashire (CO24) Leicestershire (CO25) MAC 12 (N/S Yorks, Hull) MAC 14 (Durham) Merseyside (CO25) Netley (CO72) North East Morth Wast	Internet Explorer Internet Explorer



Status Of TPR_RES_LCC_SIG_MSS_TEL Display Current Significant Faults with : Duration Over : 5 minutes old • Display Faults Equipment Type: ALL • Fault Type: ALL • Marker Post • ALL • to ALL •	J Pocket PC Internet Explorer
Back to previous page.	Duration Over: 5 minutes old - Equipment ALL -
Search RMC Area Fault Logs by	Fault Type: ALL
 © Equipment Ref : C Fault ID: Search Search Se	Road Section: ALL View Tools (* ALL View Tools (

Figure 6 : RMC Area Detail

3.4 How do I review the current status of all transponders of a logging system?

- When viewing the status of a Control Office's logging systems, the Roadside Fault Display will present six hyperlinks for each logging system
 - **<u>TPR</u>** Transponders
 - **<u>RES</u>** Responders
 - <u>LCC</u> Local Communication Controllers.
 - **<u>SIG</u>** Signals Settings.
 - <u>MSS</u> Message Sign Settings.
 - <u>**TEL**</u> Telephones
- To view the status of all transponders of the identified logging system, click on the **TPR** link.

Latest Log Received Time Status Of	NE RCC Subsystem	
2005-09-22 17:22:17 BST TPR RESILCC SIGMSS TEL	Status CONNECTED	
	Last log2007-04-24 07:43:19	
2006-05-02 20:13:44 B51 [IPK KE5 LCC 51G M55 [IEL]	Status of TPR LES LCC SIG MSS	<u>TEL</u>

Figure 7 : "Status Of" hyperlinks

- The Roadside Fault Display will display a list of all the TPR devices for the selected logging system along with the status of each TPR device. Devices which are "OK" will be displayed in green, devices with an error status will be displayed in red.
- You can sort the list by clicking on the column heading (Internet Explorer) or by selecting the sort criteria and direction from the drop-down lists and clicking **Go** (Pocket Internet Explorer).

NE RCC Subsy	ystem - Trai	nsponders	Re	151
Fouinment	Status	Data		.].j Pocket PC
012/6/110/000) M62/2080B	UNOBTAINABLE	2007-04-25 13:51:28 BST		internet Explorer 👾 🖣
050/6/117/000) M40/9663B	UNOBTAINABLE	2007-04-25 09:42:22 BST	E F	
106/6/110/000) M25/4703A	OK	2007-04-24 15:17:03 BST	NE F	RCC Subsystem -
12/7/114/000) M1/4676A	OK	2007-04-24 15:12:34 BST		
24/7/112/000) M6/6897B	OK	2007-04-24 15:05:39 BST	S	_{Sort:} Date → DES
36/7/231/000) M40/8417B	UNOBTAINABLE	2007-04-24 15:04:51 BST	Eau	inment (012/6/110/00
36/7/227/000) M40/8667A	OK	2007-04-24 15:03:39 BST	Equi	tuo
06/6/114/000) M25/4511J	OK	2007-04-24 15:01:29 BST	Date	e 2007-04-25 13
50/6/127/000) M42/6149A	OK	2007-04-24 14:55:06 BST		
2/7/325/000) M1/4423B	OK	2007-04-24 14:52:26 BST	Equi	ipment (050/6/117/00 M40/9663B
6/6/113/000) M25/4455A	OK	2007-04-24 14:52:25 BST	Stat	tus UNOBTAINABLE
6/7/114/000) A2/8285B	OK	2007-04-24 14:51:50 BST	Date	e 2007-04-25 09
2/7/115/000) M1/4560K	OK	2007-04-24 14:33:33 BST	View	
6/7/130/000) M40/8973B	OK	2007-04-24 14:33:29 BST		
2/7/111/000) M1/4617A	OK	2007-04-24 14:26:37 BST		
4/6/116/000) M60/9012A	OK	2007-04-24 14:22:13 BST		
7/4/110/000)	OK	2007-04-24 14:19:32 BST		
06/3/315/000) M2/8497A	OK	2007-04-24 14:19:10 BST		
50/6/014/000) M6/5915B	OK	2007-03-27 10:36:28 BST		
12/7/011/000)	UNOBTAINABLE	2007-03-27 10:19:58 BST		
6/7/226/000) M40/8775B	OK	2007-02-10 22:32:23 GMT		
0/7/210/000)	OK	2007-02-10 22:08:09 GMT		
70/7/211/000\	OK	2007-02-10 22:07:44 GMT		

Figure 8 : Equipment status for all TPR devices

3.5 What is a significant fault?

• A significant fault is defined as:

"An equipment or telephone fault log that has lasted more than X minutes without a corresponding CLEAR being received"

3.6 How do I identify the significant faults of a Control Office or RMC Area?

- When viewing the status of a Control Office's logging systems, the Roadside Fault Display will present a number of options allowing the user to filter on that Control Offices significant faults.
- When viewing a selected RMC Area, the Roadside Fault Display will present a number of options allowing the user to filter on that RMC Area's significant faults.

Display Current S	Significant Faults with :	Display Current Significant Faults with :
Duration Over :	5 minutes old Display Faults	
Equipment Type:	ALL 🔽	Duration Over: 5 minutes old 👻
Fault Type:	ALL	Equipment ALL -
Road Section:	ALL 💌 Marker Post 💌	
	ALL 💌 to ALL 💌	Fault Type: ALL
		Road Section: ALL 👻
		Marker Post 👻
		▼ to ▼
		Display Faults

Figure 9 : Significant fault filter options

The filter options for Significant Faults are:

• Specify the minimum length of time a fault should be outstanding before being displayed.

Click the **Duration Over** drop-down list and select a time, for example **30 minutes old**.

Duration Over : Equipment Type:	5 minutes old <a>5 5 minutes old 30 minutes old	Duration Over: 5 minutes old Equipment 5 minutes old Type: 30 minutes old 1 hour old
Fault Type:	1 hour old	Fault Type: 1/2 day old
Road Section:	1/2 day old	Road Section: All V

Figure 10 : Significant time periods

• Specify the type of equipment that you want to look at.

Click the **Equipment Type** drop-down list and select and equipment type, for example **MSS**. The default selection is **ALL** and will return faults for all equipment items.



Figure 11 : Significant equipment type

• Specify the **Fault Type** text which the fault should contain. The default value is **ALL** and will return all faults irrespective of Fault Type text.

Fault Type: Road Section:	ALL Marker Post	Duration Over: 30 minutes old - Equipment Type: MSS -	
	ALL V to ALL	Fault Type: ALL Road Section: ALL Marker Post	

Figure 12 : Significant fault type

• Specify the **Road Section** that you want to look at.

Click on the Marker Post / Junction drop down list and select which type. Then use the drop down lists below to select the section of the road of interest.

Road Section:	ALL V Marker Post V ALL V to ALL V	Road Section:	ALL ▼ Marker Post ▼ ▼ _{to} ▼	



• Click the **Display Faults** button.

Display Current Significant Faults with :	Display Current Significant Faults with :
Duration Over :5 minutes old Display FaultsEquipment Type:ALL Fault Type:ALL Road Section:ALL ALL Marker Post ALL to ALL	Duration Over: 5 minutes old • Equipment ALL • Fault Type: ALL Road Section: ALL • Marker Post • • to • Display Faults

Figure 14 : Display Faults button

• The Roadside Fault Display will display a list of the most recent significant faults for the selected logging system (see Figure 15).

In our example, the Roadside Fault Display will list the most recent **MSS faults** of the **North East RCC** that have been **outstanding for 30 minutes or more**.

Curren Logging Systen	t Signif as Status	icant Faults for	• NF	E RCC Control Off	lice			REC		6
Logging Syste	Logging System Name Connection Status Latest Log Received Time Status Of								J Pocket PC	
NE RCC Subsy	rstem CON	NECTED 2007-04-24 07:	43:19 B	ST TPR RES LCC SIG MSS TEL			+	🎢 Internet E	xplorer 📰 📢 10:28	
North East RC	C NOT	CONNECTED 2006-03-03 14:	11:33 6	MT TPR RES LCC SIG MSS TEL						
NE RCC Met S	Subsystem CON	NECTED 2006-04-20 11:	05:07 B	ST TPR RES LCC SIG MSS TEL			-	http://www.ro	costatus.org.uk/	<u> </u>
Latest Faults				Last Refreshed	2007-05-	03 10:20:26 BST		Latest Faults _{Sort:} Date	▼ DESC ▼ G	io
Logging System	<u>Date</u> <u>Generated</u>	Equipment	$\frac{\underline{Fault}}{\underline{Id}}$	Fault Type	<u>Fault</u> <u>Status</u>	Fault Text		Last	2007-05-03 10:29:3	7-
NE RCC Subsystem	2007-04-25 13:51:28	M62/2370B MSS	21267	UNOBTAINABLE	HARD			Kerresneu] =
NE RCC Subsystem	2007-04-25 09:42:20	M6/5913A MSS	30759	TEST RESULT - POWER SUPPLY FAIL	HARD			System Date	NE RCC Subsystem	
NE RCC Subsystem	2007-04-25 09:42:20	<u>M6/5913A_MSS_</u>	30251	STATUS REPLY - CRC INCORRECT	HARD	"'QUEUE' 'CAUTION'''		Equinment	M62/2370B	
NE RCC Subsystem	2007-04-25 09:42:20	M5/7005B_MSS	30250	STATUS REPLY - CRC INCORRECT	HARD	"'QUEUE' 'CAUTION'''		Fault ID	MSS 21267	
NE RCC Subsystem	2007-04-24 15:18:46	M1/3589B MSS	4837	TEST RESULT - LUMINANCE FAULT	HARD			Fault Type	UNOBTAINABLE	
NE RCC Subsystem	2007-04-24 15:16:16	M42/6516B M42/6515B MSS	23651	TEST RESULT - FIBRE OPTIC MATRIX FAIL	HARD			Fault Status	HARD	
NE RCC Subsystem	2007-04-24 15:14:25	M27/9340B MSS	27006	STATUS REPLY - LAMP OR LED FAIL	HARD			View Tools 💠	🔁 🖆 ☆ 📃	
NE RCC Subsystem	2007-04-24 15:12:47	M42/6516B M42/6515B MSS	23639	STATUS REPLY - LAMP OR LED FAIL	HARD					
NE RCC Subsystem	2007-04-24 15:09:58	M6/5893B MSS	23618	TEST RESULT - LUMINANCE FAULT	HARD			_	0	
NE RCC Subsystem	2007-04-24 15:08:52	M56/5102B_MSS_	26137	TEST RESULT - HEATER CIRCUIT FAIL	HARD			(
NEDCO	2007-04-24			CTATIC DDDIV MECCACID						

Figure 15 : Significant fault list

3.7 How do I view the current status of a listed equipment item?

• When viewing the list of current significant faults for a logging system, click on the equipment reference number. For example M6/5913A

Logging bystell Italie Connection Status Latest Log Received Thile Status Of
NE RCC Subsystem CONNECTED 2007-04-24 07:43:19 BST TPR RES LCC SIG MSS TEL
North East RCC NOT CONNECTED 2006-03-03 14:11:33 GMT TPR RES LCC SIG MSS TEL
NE RCC Met Subsystem CONNECTED 2006-04-20 11:05:07 BST TPR RES LCC SIG MSS TEL
Latest Faults
Last Refreshed 2007-05-03 10:20:26 BST
<u>Logging Date Equipment Hault Type Fault Equipment Id Fault Type Fault Ext</u>
NE RCC 2007-04-25 Subsystem 13:51:28 M62/2370B_MSS 21267 UNOBTAINABLE HARD
NE RCC 2007-04-25 Subsystem 09:42:20 M6/5913A MSS 30759 FAIL HARD
NE RCC 2007-04-25 M6/5913A MSS 30251 STATUS REPLY- CRC INCORRECT HARD "QUEUE" CAUTION""
NE RCC 2007-04-25 Subsystem 09:42:20 M5/7005B MSS 30250 STATUS REPLY - CRC HARD "QUEUE" INCORRECT HARD "CAUTION""
NE RCC 2007-04-24 Subsystem 15:18:46 MI/3589B MSS 4837 FEST RESULT - LUMINANCE FAULT
NE RCC 2007-04-24 Subsystem 15:16:16 M42/6516B M42/6515B MSS 23651 TEST RESULT - FIBRE OPTIC MARD
NE RCC 2007-04-24 M27/9340B MSS 27006 STATUS REPLY - LAMP OR LED FAIL HARD
NE RCC 2007-04-24 M42/6516B M42/6515B MSS 23639 STATUS REPLY - LAMP OR LED HARD Subsystem L5:12:47 M42/6516B M42/6516B M32/6516B M32/651
NE RCC 2007-04-24 Subsystem 15:09:58 M6/5893B MSS 23618 TEST RESULT - LUMINANCE FAULT HARD
NE RCC 2007-04-24 M56/5102B MSS 26137 TEST RESULT - HEATER HARD

Figure 16 : Select current status

- The Roadside Fault Display will detail
 - The last logged status of the equipment item
 - The fault status, including clearance times, of all *unique faults* that have been logged on the equipment item.

<u>Note</u>

Repeat faults in the 'Equipment Status' page will not be displayed. Only the last instance of a repeat fault will be visible. A fault is not a repeat fault if it has a different fault type, fault status or fault text.

Equip: Current Equip Equipment S M6/5913A C Current Fault	ment Status itatus Da DR 2007-04-2 Status	ntus for N ate 4 1441:01	/16/5	5913A MSS				+	Internet http://www. Current Fau Sort: Date	J Poster PC Explorer III ≪{ 10:33 rccstatus.org.uk/ ↓ It Status ↓ DESC ↓ Gr	
<u>Logging</u> <u>System</u>	<u>Date</u> <u>Generated</u>	<u>Equipment</u>	<u>Fault</u> <u>ID</u>	Fault Type	<u>Fault</u> <u>Status</u>	Fault Text	Date Cleared		System	NE RCC Subsystem	اا_ ا
NE RCC Subsystem	2007-04-25 09:42:20	<u>M6/5913A MSS</u>	30759	TEST RESULT - POWER SUPPLY FAIL	HARD		2007-04-25 09:42:20		Date	2007-04-25 09:42:20	
NE RCC Subsystem	2007-04-25 09:42:20	<u>M6/5913A MSS</u>	30251	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE' 'CAUTION''	2007-04-25 09:42:20		Equipment	M6/5913A MSS	
NE RCC Subsystem	2007-03-05 15:52:07	<u>M6/5913A MSS</u>	18628	UNOBTAINABLE	HARD	"OFF"	2007-03-05 15:52:07		Fault ID	30759	
NE RCC Subsystem	2007-03-05 15:18:54	M6/5913A MSS	19554	UNOBTAINABLE	HARD	"QUEUE' 'CAUTION''	2007-03-05 15:18:54		Fault Type	TEST RESULT - POWER SUPPLY FAIL	
NE RCC Subsystem	2007-03-05 15:18:50	M6/5913A MSS	19538	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE' 'AHEAD''	2007-03-05 15:18:50		Fault	HARD	
NE RCC Subsystem	2007-03-05 15:18:48	M6/5913A MSS	19527	UNOBTAINABLE	HARD	"QUEUE' 'AHEAD''	2007-03-05 15:18:48		Fault Text		
NE RCC Subsystem	2007-03-05 15:18:47	M6/5913A MSS	19526	STATUS REPLY - MESSAGE FAIL	HARD	"QUEUE' 'AHEAD''	2007-03-05 15:18:47		View Tools) • 🕀 🖓 🏠 🛛 🖻	
NE RCC Subsystem	2007-03-05 14:51:24	M6/5913A MSS	20963	STATUS REPLY - MESSAGE FAIL	HARD	"QUEUE' 'CAUTION'"	2007-03-05 14:51:24		BI		
NE RCC Subsystem	2007-03-05 14:44:39	M6/5913A MSS	20088	TEST RESULT - LANTERN FAIL	HARD		2007-03-05 14:44:39				
NE RCC Subsystem	2007-03-05 14:44:38	M6/5913A MSS	20087	TEST RESULT - LUMINANCE FAULT	HARD		2007-03-05 14:44:38			(2)	
NE RCC	2007-03-05	M6/5913A MSS	20086	TEST RESULT -	HARD		2007-03-05				

Figure 17 : Equipment status

3.8 How do I view the fault history including repeat faults?

• When viewing the current status of an equipment item it is possible to view up to the last 30 fault logs, including repeat faults by clicking the **View fault log history** link at the bottom of the page.

Eastern 2006-06-13 RCC 09:50:24 <u>M</u> View <u>fault log history</u> .	Date Cleared BST 2006 View <u>fault log history</u> . Back to previous page
Back to previous page.	
The information displayed on t	<u>Home Page</u> Crown Copyright ©
<u>Home Page User Guide Fer</u>	

Figure 18 : Fault log history link

3.9 I have an equipment reference, how can I view the current status?

• Navigate to the Control Office, for example **E RCC** which contains the equipment or return to the **Home Page**.

The search options are located at the bottom of the page.

Search Control Office Fault Logs by	Search Control Office Fault Logs by
© Equipment Ref : LCC V	
O Fault ID:	●Ref: LCC ▼
	◯ Fault ID:
	Search

Figure 19 : Equipment reference search

- Ensure the **Equipment Ref** option is selected by clicking the radio button.
- Enter the equipment reference, for example M6/5988B. It is possible to enter a partial equipment reference, for example M6/%
- Specify the equipment type by selecting the appropriate type from the drop-down list, for example MSS.
- Click the **Search** button.

© Equipment Ref: M6/5988B	Search Control Office Fault Logs by
O Fault ID:	●Ref: M6/5988B MSS ▼ ○Fault ID:
	Search

Figure 20 : Equipment reference search button

• The Roadside Fault Display will display up to the last 30 faults with an equipment reference matching the entered partial reference.

Equipment Status for %M6/5988B% MSS	
<section-header><section-header><text><text><text></text></text></text></section-header></section-header>	Internet Explorer Internet Status for %oM6/ S988B%o MSS Internet Fault Status Sort: Date Internet M6/5988B MSS Internet M6/5988B Internet M6/5988B

Figure 21 : Equipment status link

• Click on the equipment reference of one of the listed faults to view the current status of the equipment, for example M5/5988B MSS.

3.10 I have a CO fault identifier, how can I view the current status?

• Navigate to the Control Office, for example **NE RCC** which logged the fault or return to the **Home Page**.

The search options are located at the bottom of the page.

Search Fault Logs by	Search Fault Logs by
○ Equipment Ref: Search	ORef: LCC ▼ ■ Fault ID: Search

Figure 22 : Fault ID search

- Ensure the **Fault Id** option is selected by clicking the radio button.
- Enter the fault identifier, for example 21267.
- Click the **Search** button.

Search Control Office Fault Logs by	Search Control Office Fault Logs by
© Equipment Ref: Search Search	○ Ref: LCC ▼ ● Fault ID: 21267 Search

Figure 23 : Fault ID search button

• The Roadside Fault Display will display up to the last 30 faults which have been assigned this Control Office fault identifier.



Figure 24 : Equipment status link

• Click on the equipment reference of one of the listed faults to view the current status of the equipment, for example M62/2370B MSS.

4 Operation of the Roadside Fault Display

4.1 Accessing the Roadside Fault Display

The Roadside Fault Display is an Internet web site that can be accessed using a standard Internet browser and the web address <u>www.rccstatus.org.uk</u>.

On your first visit, the Roadside Fault Display will prompt for a user-name and password. It will only allow users with an authorised user-name and password to gain access. Both the user-name and password are case-sensitive.

Elle Edit View Favorites Iools Help	*	11 Participe	
🕒 Back 👻 🕑 🕐 📓 🏠 🖉 Search 🌟 Favorites 🤣 🔗	- Links		A.
ddress 🗃 http://www.rccstatus.org.uk/rfd/secure/pco	So 🔁 🖌	http://www.rccstatus.org.uk/	1
Roadside Fault Display		Roadside Fault Display	
Please enter your user name and password		Please enter your user name and password	
Usemame:		Password:	
Password:			
Login		The information displayed on this web	
The information displayed on this web site is provided in good faith by HA	LOGEN.	site is provided in good faith by HALOGEN.	
<u>Home Page User Guide</u> Crown Copyright ©2005		Home Page	
		View Tools 💠 🔂 😭 🚖 🔤 🔺	
Done 🥥 Intern	net 🤢		

Figure 25 : Roadside Fault Display login

On subsequent visits, for a period of approximately 1 month, it will not be necessary to re-enter your user-name and password. Your browser will automatically submit your access credentials to the Roadside Fault Display.

The Roadside Fault Display will prompt you after 1 month and will be necessary to re-enter your username and password.

<u>Tip</u>

Your username and password will be initially supplied by the Halogen Helpdesk.

You can change your password by visiting the Halogen User Administration web site at <u>https://useradmin.halogenonline.co.uk</u>. This is a central point for managing your Halogen account used to login to all Halogen tools.

This automatic submission of login details will not occur if you:

- Use a different machine; or
- Disable the cookie and/or JavaScript functionality of your web browser; or
- Delete the stored cookies of your web browser between visits.

A cookie is a small piece of information stored by a web site on your machine. Some users disable cookies from within their browser for privacy reasons.

If they have been disabled on your machine, then you will still be able to use the Roadside Fault Display however you will be prompted for your user-name and password on each visit.

Please consult your browser documentation and IT support for more information.

4.2 Control Office and Logging Systems

After successfully validating your credentials, the Roadside Fault Display will display a list of Control Offices, along with the details of their logging systems. The Control Office names are the shortened form as stored in Halogen.

This page is classified as the **Home Page**.



Figure 26 : Control Office list

Tip

A **Home Page** link is available at the bottom of every page. Clicking this link will return to the list of Control Office names.

Click a Control Office name to display the Control Office status page (Figure 27). This presents the status of the Control Office's logging systems and provides options to access the status of equipment and significant fault logs.

NE RCC Control Office	HC C
Logging System Name Connection Status Latest Log Received Time Status Of	23 Pocket PC
North Fast RCC NOT CONNECTED 2006-03-03 14:11:33 GMT TPR RES LCC SIG MSS TEL	🕂 🛛 🥂 Internet Explorer 🛛 🗱 📢 10:03 🛛 😣
NE RCC Met Subsystem CONNECTED 2006-04-20 11:05:07 BST TPR RES LCC SIG MSS TEL	http://www.rccstatus.org.uk/
Display Current Significant Faults with :	NE RCC Control Office
Duration Over : 5 minutes old 💌 Display Faults	
Equipment Type: ALL	Logging System Status 😑 👘
Fault Type: ALL	NE BCC Subcyctore
Road Section: ALL V Marker Post V	
ALL I to ALL I	Status CONNECTED
	Last log 2007-04-24 07:43:19
<u>Back</u> to previous page.	Status of TPR RESILCC SIG MSS TEL
Search Control Office Fault Logs by	North East RCC
Senter Control Conter Mar Dog / 07	Status NOT CONNECTED
© Equipment Ref:	Last log 2006-03-03 14:11:33
C Fault ID:	Status of TPR RES LCC SIG MSS TEL
	· · · · · · · · · · · · · · · · · · ·
The information displayed on this web site is provided in good faith by Halogen.	
<u>Home Page User Guide Halogen Website Feedback</u>	
Crown Copyright © 2007	

Figure 27 : CO status page

The following information is available for each logging system of the Control Office:

• Logging System Name

The logging system name, for example NE RCC Subsystem, North East RCC, and NE RCC Met Subsystem.

• Connection Status

The Halogen connection status of the logging system. This will be CONNECTED or NOT CONNECTED.

• Latest Log Received Time

The date and time of when the last log was received from the logging system.

<u>Tip</u>

Bookmark the Control Office status pages that you visit often. This provides a quick way to navigate about the site.

4.3 Logging System overview

The Control Office status page provides hyperlinks to view the summary status of all the transponders (**TPR**), responders (**RES**), local communication controllers (**LCC**), signals (**SIG**), message sign settings (**MSS**) or telephones (**TEL**) of each of the logging systems within a Control Office.

Latest Log Received Time	Status Of	NE RCC	Subsystem
2005-09-22 17:22:17 BST	TPR RES LCC SIG MSS TEL	Status	CONNECTED
		Last log	g 2007-04-24 07:43:19
2006-05-02 20:13:44 BST	TPR RES LCC SIG MSS TEL	Status	of TPR RES LCC SIG MSS TEL

Figure 28 : Status hyperlinks

Select a **Status Of** hyperlink (**TPR**, **RES**, **LCC**, **SIG**, **MSS** or **TEL**) to display the latest status of all transponders, responders, local communication controller, signals, message sign settings or telephones of the Control Office logging system. This information is derived from the latest status (STAT) logs received by Halogen.

NE RCC Subsy	ystem - Trai	nsponders
• Equipment	Status	■ Date
012/6/110/000) M62/2080B	UNOBTAINABLE	2007-04-25 13:51:28 BST
050/6/117/000) M40/9663B	UNOBTAINABLE	2007-04-25 09:42:22 BST
(106/6/110/000) M25/4703A	OK	2007-04-24 15:17:03 BST
012/7/114/000) M1/4676A	OK	2007-04-24 15:12:34 BST
024/7/112/000) M6/6897B	OK	2007-04-24 15:05:39 BST
036/7/231/000) M40/8417B	UNOBTAINABLE	2007-04-24 15:04:51 BST
036/7/227/000) M40/8667A	OK	2007-04-24 15:03:39 BST
(106/6/114/000) M25/4511J	OK	2007-04-24 15:01:29 BST
050/6/127/000) M42/6149A	OK	2007-04-24 14:55:06 BST
(012/7/325/000) M1/4423B	OK	2007-04-24 14:52:26 BST
(106/6/113/000) M25/4455A	OK	2007-04-24 14:52:25 BST
(106/7/114/000) A2/8285B	OK	2007-04-24 14:51:50 BST
012/7/115/000) M1/4560K	OK	2007-04-24 14:33:33 BST
(036/7/130/000) M40/8973B	OK	2007-04-24 14:33:29 BST
(012/7/111/000) M1/4617A	OK	2007-04-24 14:26:37 BST
(024/6/116/000) M60/9012A	OK	2007-04-24 14:22:13 BST
(067/4/110/000)	OK	2007-04-24 14:19:32 BST
(106/3/315/000) M2/8497A	OK	2007-04-24 14:19:10 BST
(050/6/014/000) M6/5915B	OK	2007-03-27 10:36:28 BST
(012/7/011/000)	UNOBTAINABLE	2007-03-27 10:19:58 BST
(036/7/226/000) M40/8775B	OK	2007-02-10 22:32:23 GMT
(070/7/210/000)	OK	2007-02-10 22:08:09 GMT
(070/7/211/000)	OK	2007-02-10 22:07:44 GMT

Figure 29 : Logging System overview display

For each equipment item listed, the following information is available

• Equipment

The reference of the equipment for which the status log was received

• Status

The latest status of the equipment as specified by the status log.

• Date

The date and time the status log was generated.

Click the equipment reference hyperlink to display the current fault status of the equipment item. See section 4.7.

4.4 RMC Area

You can view the Roadside Fault Display by RMC Area. Clicking the **View by RMC Area** link on the homepage, will display a list of RMC Areas in alphabetical order. You can return to the Control Office view by clicking the **View by RCC** link.

View by <u>RMC Area</u>.

Roadside Fault Display

View by <u>RMC Area</u>.

Figure 30 : View by RMC Area links

Roadside Fault Display	Rt Co
View by <u>RCC</u> .	3/J Pocket PC
Avon and Somerset (CO91) Bedford (CO65) Cambridge (CO66) Cumbria (CO23) Darrington 2 Dishforth Dartford River Crossing Devon and Cornwall (CO96) Durham East Midlands Greater Manchester (CO21) Heston (CO82) Humberside (CO32) Kent (CO73) Kidlington (CO 74) Lancashire (CO24) Leicestershire (CO55) MAC 12 (N/S Yorks, Hull) MAC 14 (Durham) Merseyside (CO25) Netley (CO72) North East North Wast	Internet Explorer http://www.rccstatus.org.uk/ Cambria (CO23) Darrinaton 2 Dishforth Heston (CO82) Humberside (CO32) Kent (CO73) Kidlington (CO 74) Lancashire (CO55) MAC 12 (N/S Yorks, Hull) MAC 14 (Durham) View Tools View Tools



Click an RMC Area name to display the RMC Area status page (Figure 32). This provides options to access the status of equipment and significant fault logs.

Status Of TPRRES_LCC_SIG_MSS_TEL Display Current Significant Faults with : Duration Over : 5 minutes old • Display Faults Equipment Type: ALL • Fault Type: ALL • Road Section: ALL • Marker Post • Back to previous page.	Internet Explorer Internet Explorer
Search RMC Area Fault Logs by © Equipment Ref: LCC Search The information displayed on this web site is provided in good faith by Halogen. Home Page User Guide Halogen Website Feedback Crown Copyright © 2007	Fault Type: ALL Road Section: ALL View Tools I III IIIIIIIIIIIIIIIIIIIIIIIIIIIII

Figure 32 : RMC Area Detail

4.5 Identifying outstanding equipment and telephone faults

The Control Office web page provides filter options that allow you to identify the most recent significant equipment and telephone fault logs.

A significant fault is defined as:

"An equipment or telephone fault log that has lasted more than X minutes without a corresponding CLEAR being received"

Display Current S	Significant Faults with :	Display Current Significant Faults with :			
Duration Over :	5 minutes old Display Faults				
Equipment Type:	ALL 💌	Duration Over: 5 minutes old 👻			
Fault Type:	ALL	Equipment ALL -			
Road Section:	ALL 💌 Marker Post 💌				
	ALL V to ALL V	Fault Type: ALL			
		Road Section: 🛛 🖊 🔻			
		Marker Post 👻			
		▼to ▼			
		Display Faults			

Figure 33 : Significant fault options

The following options can be used to identify the significant faults

• **Duration Over**

You can specify the length of time a fault must be outstanding before it is displayed. The available values are 5 minutes, 30 minutes, 1 hour or half a day.

• Equipment Type

You can restrict the fault logs displayed to a single type of equipment, for example MSS by selecting the equipment type from the drop-down list. The special type of ALL will select fault logs for all equipment types.

• Fault Type

You can restrict the fault logs displayed to those which contain specific text within the fault type field. The special value of ALL will select fault logs for all fault type text.

Road Section

You can limit the fault logs to those occurring on a particular road. You can select the road, and optionally the subsection of that road either by marker post numbers or junction numbers.

Click the **Display Faults** button to list all of the significant faults matching the entered criteria. This display is described in section 4.6.

<u>Tip</u>

The Roadside Fault Display displays a limited number of outstanding faults for each logging system. This list is continuously being updated as new faults are logged. After a period of time, it is possible that an equipment fault will no longer be visible having moved down the outstanding list.

Apply the various filter options to obtain the list of faults of interest to you.

4.6 Current significant faults display

The Current Significant Faults page displays the most significant fault logs for a selected Control Office. The fault logs are ordered in reverse chronological order. Only the latest 30 significant faults matching the filter criteria are displayed.

All faults displayed on this page are outstanding and have not been cleared.

Curren Logging Systen NE RCC Subsection Net React States NE RCC Met S	t Signifi ns Status m Name Cour rstem CON C NOT ubbsystem CON	icant Faults for action Status Latest Log Rev NECTED 2007-04-24 07. CONNECTED 2006-03-14. NECTED 2006-04-20 11:	• NF reived 1 43:19 B 11:33 G 05:07 B	C RCC Control Off	fice	02 10 20 26 P.ST	Inter http://w Latest F Sort:	rnet Ex ww.rc aults Date	्रे Pocket PC Kplorer सिंग् बई 1 cstatus.org.uk/ रू] DESC र	0:28 ×	
Logging	Date	Farinment	Fault	East Refreshed	Fault	Fault Text	Last		2007 05 02 10	20/27	
System NE RCC Subsystem	Generated 2007-04-25 13:51:28	M62/2370B MSS	<u>Id</u> 21267	UNOBTAINABLE	<u>Status</u> HARD		Refrest	ned	BST	=	
NE RCC Subsystem	2007-04-25 09:42:20	M6/5913A_MSS_	30759	TEST RESULT - POWER SUPPLY FAIL	HARD		System		NE RCC Subsyste	m	
NE RCC Subsystem	2007-04-25 09:42:20	M6/5913A_MSS_	30251	STATUS REPLY - CRC INCORRECT	HARD	"'QUEUE' 'CAUTION'''	Equipm	ont	2007-04-25 13:5 M62/2370B	1:28	
NE RCC Subsystem	2007-04-25 09:42:20	M5/7005B_MSS_	30250	STATUS REPLY - CRC INCORRECT	HARD	"'QUEUE' 'CAUTION'''	Eault IF)	<u>MSS</u> 21267		
NE RCC Subsystem	2007-04-24 15:18:46	M1/3589B MSS	4837	TEST RESULT - LUMINANCE FAULT	HARD		Fault Ty	/pe	UNOBTAINABLE		
NE RCC Subsystem	2007-04-24 15:16:16	M42/6516B M42/6515B MSS	23651	TEST RESULT - FIBRE OPTIC MATRIX FAIL	HARD		Fault St	tatus	HARD		
NE RCC Subsystem	2007-04-24 15:14:25	M27/9340B_MSS_	27006	STATUS REPLY - LAMP OR LED FAIL	HARD		View Too	ols 💠	🕙 🗳 ☆	≜	
NE RCC Subsystem	2007-04-24 15:12:47	M42/6516B M42/6515B MSS	23639	STATUS REPLY - LAMP OR LED FAIL	HARD		B	1000		1	
NE RCC Subsystem	2007-04-24 15:09:58	<u>M6/5893B_MSS_</u>	23618	TEST RESULT - LUMINANCE FAULT	HARD				0		
NE RCC Subsystem	2007-04-24 15:08:52	M56/5102B_MSS_	26137	TEST RESULT - HEATER CIRCUIT FAIL	HARD			(
NEDCC	2007.04.24			ICTATIC DODI V ARCCAPT							

Figure 34 : Outstanding faults display

The following information is available for each logging system of the Control Office:

• Logging System Name

The logging system name, for example Eastern RCC, West Midlands RCC, and WM RCC Met Subsystem.

• Connection Status

The Halogen connection status of the logging system. This will be CONNECTED or NOT CONNECTED.

• Latest Log Received Time

The date and time of when the last log was received from the logging system.

For each identified significant fault log, the following details are displayed:

Logging System

The name of the logging system that generated the fault log.

Date Generated

The time when the fault log was generated. This time is assigned by the logging system.

• Equipment

The equipment reference and type that generate the fault log.

• Fault ID

The fault ID attached by the logging system to the fault log.

• Fault Type

The textual description of the type of fault.

• Fault Status

The status of the fault. Values include HARD and INTERMITENT

• Fault Text

The fault text.

Click the **Equipment** reference to display the latest status and fault information of the selected equipment item. Section 4.7 describes this display.

<u>Tip</u>

In some situations the Equipment can have the value of (**blank**). This is a valid value and indicates that the fault has not been associated with a specific item of equipment but rather is associated with the logging system and/or Control Office.

Clicking on a (**blank**) equipment reference will list equipment fault logs that have not been associated with a specific item of equipment.

4.7 Equipment status display

The Equipment Status page displays the current equipment and fault status, including cleared and uncleared faults, of a device. This is derived from the status and fault logs contained within Halogen.

This page is accessed by selecting an equipment reference hyperlink from

• The Current Significant Fault display (section 4.6)

- The Logging System overview page of transponders, responder or local communication controllers (section 4.3).
- The fault log search results (section 4.8).

rent Equipment Status	Sort: Date
Logging System Date Generated Equipment Fault ID Fault Type Fault Status Fault Text Date Cleared	System NE RCC Subsystem
RCC 2007-04-25 M6/5913A MSS 30759 TEST RESULT - POWER SUPPLY HARD 2007-04-25 09:42.20	Date 2007-04-25 09:42:20
RCC 2007-04-25 M6/5913A MSS 30251 STATUS REPLY - CRC HARD "QUEUE" 2007-04-25 09:42:20 system 09:42:20 M6/5913A MSS 30251 STATUS REPLY - CRC HARD "QUEUE" 2007-04-25 09:42:20 09:42:20 09:42:20 10:42:40<	Equipment M6/5913A MSS
RCC 2007-03-05 M6/5913A MSS 18628 UNOBTAINABLE HARD *OFF* 2007-03-05 15.52.07	Fault ID 30759
RCC 2007-03-05 M6/5913A MSS 19554 UNOBTAINABLE HARD "QUEUE" (AUTION" 2007-03-05 osystem 15.18.54 19554 UNOBTAINABLE HARD "QUEUE" 2007-03-05	Fault Type TEST RESULT - POWER SUPPLY FAIL
RCC 2007-03-05 M6/5913A MSS Incorrect HARD "QUEUE" 2007-03-05 osystem 1518.50 M6/5913A MSS 19538 STATUS REPLY - CRC HARD "QUEUE" 2007-03-05	Fault Status HARD
RCC 2007-03-05 M6/5913A MSS 19527 UNOBTAINABLE HARD "QUEUE" 2007-03-05 osystem 15.18.48 19527 UNOBTAINABLE HARD "AHEAD" 15.18.48	Fault Text
RCC 2007-03-05 M6/5913A MSS 19526 STATUS REPLY - MESSAGE FAIL HARD "QUEUE" 2007-03-05 osystem 15.1847 15.1847 15.1847 15.1847	View Tools 💠 🔁 🚰 🏠
RCC 2007-03-05 M6/5913A MSS 20963 STATUS REPLY - MESSAGE FAIL HARD "QUEUE" (CAUTION" 2007-03-05 >system 14.51.24 M6/5913A MSS 20963 STATUS REPLY - MESSAGE FAIL HARD "QUEUE" 2007-03-05 14.51.24	
RCC 2007-03-05 M6/5913A MSS 20088 TEST RESULT - LANTERN FAIL HARD 2007-03-05 14.44.39	
RCC 2007-03-05 M6/5913A MSS 20087 TEST RESULT - LUMINANCE HARD 2007-03-05 14:44:38 osystem 14:44:38 M6/5913A MSS 20087 FAULT HARD 14:44:38	
RCC 2007-03-05 M6/5913A MSS 20086 TEST RESULT - HARD 2007-03-05	

Figure 35 : Equipment status display

The latest status log for the equipment item is displayed at the top of the page. The following information is shown

• Equipment

The reference of the equipment for which the status log was received

• Status

The latest status of the equipment as specified by the status log.

• Date

The date and time the status log was generated.

All *unique faults* that have been logged for the equipment are listed. A unique fault has a distinct fault type, fault status and fault text. When a repeat fault occurs, only the last instance will be displayed.

Both outstanding and cleared faults are listed. Cleared faults will have a date and time value indicating when the fault was cleared.

This collection of fault logs is called the **Current Fault Status** of the equipment item. The faults are listed in reverse chronological order using the date and time when they were generated.

<u>Tip</u>

You can view the fault logs of repeat faults by clicking the View Fault History link at the bottom of the page.

For each equipment fault log, the following information is available

• Logging System

The name of the logging system that generated the fault log.

• Date Generated

The date and time when the fault log was generated. This time is assigned by the logging system.

• Equipment

The equipment reference and type that generate the fault log.

• Fault ID

The fault ID attached by the logging system to the fault log.

• Fault Type

The textual description of the type of fault.

• Fault Status

The status of the fault. Values include HARD and INTERMITENT

• Fault Text

The fault text.

• Date Cleared

The date and time when the fault log was cleared. For outstanding faults, this field will be blank.

Click the **View Fault History** hyperlink to list the latest fault history, including repeat faults, of the equipment item.

4.8 Fault history search options

The Roadside Fault Display provides the ability to search for fault logs by

- equipment reference, or
- logging system fault ID

Search options are available at the bottom of most pages.

Search Fault Logs by	Search Fault Logs by
© Equipment Ref : Search	Ref: LCC Fault ID: Search

Figure 36 : Fault history search options

To search by equipment reference

- Click the **Equipment Ref** option.
- Enter an equipment reference in the adjacent field. A partial reference can be entered.
- Select the type of equipment to search from the drop-down list.
- Click the **Search** button.

To search by the logging system fault ID

- Click the Fault ID option
- Enter the fault ID in the adjacent field. The complete fault ID should be entered.
- Click the **Search** button.

The Roadside Fault Display will list the faults matching the specified criteria. These faults can potentially be from multiple logging systems. A maximum of 30 faults will be displayed.

<u>Tip</u>

To search the fault logs of a single Control Office, first select the Control Office from the Home Page, and then perform the search from the Control Office status page. Only fault logs belonging to the Control Office's logging systems will be returned.

From the found fault logs, click **Equipment** reference to display the latest status and fault information of the selected equipment item. Section 4.7 describes this display.

4.9 Fault history display

The Halogen data warehouse maintains all historical fault log data.

It is possible to view the history of a specific equipment item by clicking the **View Fault History** hyperlink from the equipment status page. See section 4.7. This will include repeat faults logs.

Please note that the data warehouse is updated approximately every hour with fault log information. This can have the side effect that fault logs you can see in the current significant faults and equipment

status pages may not be immediately visible in the fault history display. This is an unavoidable consequence of having the power to access to historical information.

<u>Logging</u> <u>System</u>	Date Generated	<u>Equipment</u>	Fault ID	Fault Type	<u>Fault</u> Status	Fault Text	Date Cleared
Simulator for FEP01	2007-04-25 13:51:28	M62/2370B MSS	21267	UNOBTAINABLE	HARD		
Simulator for FEP01	2007-04-25 09:42:45	M62/2370B MSS	21267	UNOBTAINABLE	HARD		
Simulator for FEP01	2007-04-25	M62/2370B MSS	21267	UNOBTAINABLE	HARD		
North East RCC	2006-08-09 18:20:10	M62/2370B MSS	277	UNOBTAINABLE	HARD	"OFF"	
North East RCC	2006-08-09	M62/2370B MSS	290	UNOBTAINABLE	HARD	"OFF"	2006-08-10
North East RCC	2006-08-09	M62/2370B MSS	261	UNOBTAINABLE	HARD	"OFF"	2006-08-10
North East RCC	2006-08-02 11:07:21	M62/2370B MSS	173	UNOBTAINABLE	HARD	"OFF"	2006-08-10
North East RCC	2006-07-31 12:37:41	M62/2370B MSS	187	UNOBTAINABLE	HARD	"OFF"	2006-07-31 13:28:48
North East RCC	2006-07-20 23:10:42	M62/2370B MSS	205	UNOBTAINABLE	HARD	"OFF"	2006-08-01 09:26:12
North East RCC	2006-07-20 10:48:02	M62/2370B MSS	163	UNOBTAINABLE	HARD	"OFF"	2006-07-20 23:07:20
North East RCC	2006-07-19 05:15:23	M62/2370B MSS	28832	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE AFTER' 'NEXT JCT'''	2006-07-19 05:19:22
North East RCC	2006-07-19 04:52:35	M62/2370B MSS	28767	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE AFTER' 'NEXT JCT'''	2006-07-19 04:56:33
North East RCC	2006-07-18 23:08:56	M62/2370B MSS	28512	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE AFTER' 'NEXT JCT'''	2006-07-18 23:12:56
North East R.CC	2006-07-18 21:38:02	M62/2370B MSS	28331	STATUS REPLY - CRC INCORRECT	HARD	"QUEUE AFTER' 'NEXT JCT'''	2006-07-18 21:42:04
North East	2006-07-18	M62/2370B MSS	28122	STATUS REPLY - CRC	HARD	"QUEUE AFTER'	2006-07-18

Figure 37 : Fault history display

Only the last 30 fault logs for the equipment are displayed. The fault logs, irrespective of whether they have been cleared or not, are listed in reverse chronological order of their date generated.

For each equipment fault log, the following information is available

• Logging System

The name of the logging system that generated the fault log.

• Date Generated

The date and time when the fault log was generated. This time is assigned by the logging system.

• Equipment

The equipment reference and type that generate the fault log.

• Fault ID

The fault ID attached by the logging system to the fault log.

• Fault Type

The textual description of the type of fault.

• Fault Status

The status of the fault. Values include HARD and INTERMITENT

• Fault Text

The fault text.

• Date Cleared

The date and time when the fault log was cleared. For outstanding faults, this field will be blank.

5 Contacts

5.1 Halogen Help Desk

Mott MacDonald operates a Help Desk for the Halogen system. The Help Desk is staffed during normal working hours.

Monday-Friday 0700-1900

Telephone: 0141 222 4666

Fax: 0141 222 4667

Email: helpdesk.itg@mottmac.com