

## Spurious 'Warning 07' / 'Battery Low' Messages on Driver Control Panel (DCP)

Version 01

### AUDIENCE:

Train Crew

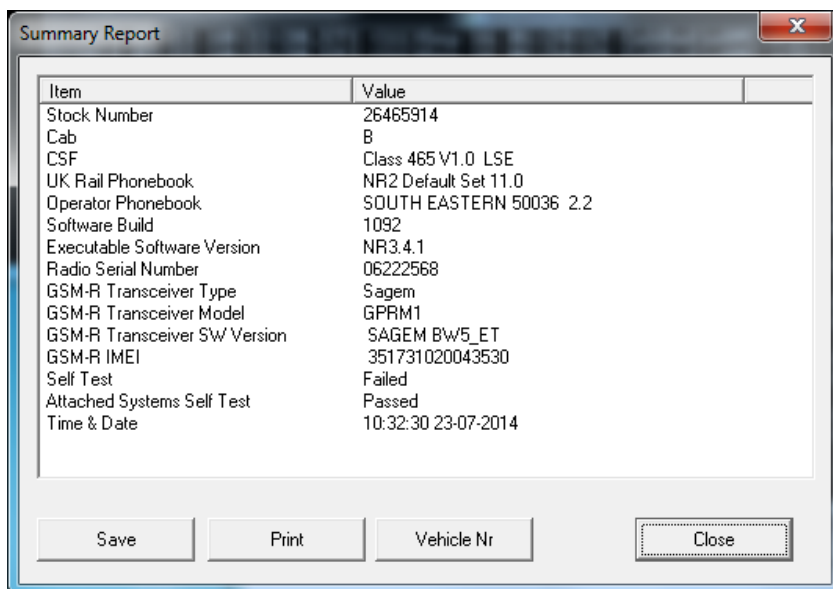
Maintenance Staff & Cleaners

Signallers

Control Office

*This bulletin is aimed at persons engaged in the maintenance of GSM-R fitted vehicles, and is provided for information and action as appropriate.*

There have been reported incidents of spurious 'Warning 07' or 'Battery Low' messages being displayed on the Driver Control Panel (DCP). Investigations have identified that the problem is caused by running the GSM-R Portable Maintenance Unit (PMU) Summary report (see example below) whilst the DCP or (where fitted) the Uninterruptible Power Supply (UPS) is switched off.



Item	Value
Stock Number	26465914
Cab	B
CSF	Class 465 V1.0 LSE
UK Rail Phonebook	NR2 Default Set 11.0
Operator Phonebook	SOUTH EASTERN 50036 2.2
Software Build	1092
Executable Software Version	NR3.4.1
Radio Serial Number	06222568
GSM-R Transceiver Type	Sagem
GSM-R Transceiver Model	GPRM1
GSM-R Transceiver SW Version	SAGEM BW5_ET
GSM-R IMEI	351731020043530
Self Test	Failed
Attached Systems Self Test	Passed
Time & Date	10:32:30 23-07-2014

If the PMU Summary report is run when the DCP is switched off via the Drivers Master Switch then the radio self test will report as failed and the next time the DCP is switched on a 'Warning 07' message will be displayed on the DCP and a Warning 07 – Secondary Control Panel Fault will be reported in the cab mobile fault log.

### UPS fitted systems

Additionally on UPS fitted vehicles, if the PMU Summary report is run when the UPS is switched off then the radio self test will report as failed and the next time the DCP is switched on a 'Battery Low' message will be displayed on the DCP.

17/09/2014

To avoid any spurious 'Warning 07' or 'Battery Low' messages being displayed on the DCP please ensure that the DCP and (where fitted) the UPS are both switched on before running the PMU Summary report.

If a spurious 'Warning 07' or 'Battery Low' message is displayed on the DCP then this can be cleared in one of three ways:

1. Turn off the DCP by holding down the REG / DE-REG key on the DCP for more than two seconds and then turn the DCP back on
2. Insert and remove Drivers key
3. Power cycle the cab mobile

It has been agreed that going forward both the Siemens Maintenance Handbook and Fault Finding Guide documentation will be updated to reflect these new instructions for use of the PMU.

