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Schedule of Site
Commissioning Tests
SCT 40
Issue 2
August 1998

High Speed Digital Intertripping Equipment, HSDI-3

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National Grid House
Kirby Corner Road
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Registered in
England and Wales
No. 2366977

Published by:

The National Grid Company plc
Kelvin Avenue
Leatherhead
Surrey KT22 7ST

THE NATIONAL GRID COMPANY plc

SCHEDULE OF SITE COMMISSIONING TESTS

SCT 40 HIGH SPEED DIGITAL INTERTRIPPING EQUIPMENT, HSDI-3

Station:.....

Circuit:.....

Manufacturer's Contract No:.....

Contractor's Signature:.....

NGC Contract No:.....

Accepted by:.....
(Engineer's Signature)

Contractor:.....

Date:.....

HIGH SPEED DIGITAL INTERTRIPPING EQUIPMENT, HSDI-3

1 GENERAL DATA

Manufacturer: GEC Alsthom

Equipment supply voltage: 48 V d.c.

Trip supply voltage: 110/48 V d.c.

Communication module: (tick one)

T40 600 Baud		T20 1200 Baud	
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Equipment serial number:

2 TEST EQUIPMENT

(i) Calibrated Test Equipment

	Manufacturer and Type	Serial No	Date Last Calibrated	Date Next Calibration Due
Multimeter				
Frequency counter/timer: min 5 decade, 0 to 100 kHz $\pm$ 1 Hz: time 10 μ s to 1 s $\pm$ 10 μ s.				
Millivoltmeter with dB scale 0 to -60 dB (10 kHz min bandwidth).				
Oscilloscope				
Others (state function)				

(ii) Extender card P4090A1.

(iii) T40 test set or pulse generator, 50 ms every 1 second.

CAUTION: Use electrostatic precautions. The equipment contains components that are sensitive to electrostatic voltage discharges. To avoid damage, handle modules by the front plate and avoid contact with electrical components.

It is important that all test equipment is adequately earthed and test probes should not be connected to any part of the circuit before a ground connection has been made between the test equipment and the 0 V supply rail of the equipment.

3 OTHER EQUIPMENT SHARING LINE

Primary circuit:..... Scheme number:

Equipment title:..... Equipment type:

TX ch/code		TX freq		RX ch/code		RX freq	
TX ch/code		TX freq		RX ch/code		RX freq	

4 LINE EQUIPMENT

Line transformers type		Private wire number	
Line box protective Earth			

5 EQUIPMENT INSTALLATION CHECKS

Check the cubicle and crate are positioned correctly, and are labelled according to the specified circuit.

Check all panel wiring against wiring diagram and circuit diagram.

Wiring Diagram Number.

Circuit Diagram Number.

Ensure the following connections are properly fitted to the correct terminal.

Remove Link C3/C4.

Clean earth to C2.

Protection earth to earth stud.

Equipment '0' Volts to C9.

Safe Neg C4		Way FP		Fuse Rating	A
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48 Volt (C1 +ve, C3 -ve)

Dis board No		Way No		Fuse Rating	A
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