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Certificate No. C – 00080

ITSO Certificate of Compliance

To: ERG Transit Systems (UK) Limited

For: ERG TRACS P5700 Portable POST (release 8.8.6000)

This is to certify that the above product has been tested as required by ITSO for compliance against ITSO TS 1000-0 Specification Version: 2.1.2

Final Test Report Ref: ERG/CER_009/01 dated 31 March 2009

This product supports the functions: ITSO POST and communicates within an ITSO environment as listed in Schedule A of this Certificate.

This product may only be used by ITSO Licenced Members complying with the conditions and constraints listed in Schedule B.

Signed for and on behalf of ITSO :



Title: COMPLIANCE MANAGER

Dated : 23 APRIL 2009

Certificate Valid until : 22 APRIL 2016



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Schedule A

This POST communicates with CMD1-8.

The POST consists of a hand held unit and PC with cradle operating TRACS (release 5.3.19).

The IPEs supported are represented by the following table.

IPE	Create	Modify	Accept	Delete
TYP 0 - Private Application		✓	✓	✓
TYP 2 - Stored Travel Rights		✓	✓	
TYP 3 - Loyalty (Type 1)		✓	✓	✓
TYP 4 - CTA (mode 1)	✓	✓	✓	✓
TYP 5 - CTA (mode 2)	✓	✓	✓	✓
TYP 14 - Entitlement		✓	✓	✓
TYP 16 - ITSO ID and Entitlement		✓	✓	✓
TYP 17 - Loyalty (Type 2)		✓	✓	✓
TYP 22 - Area based ticket	✓	✓	✓	✓
TYP 23 - Journey Ticket	✓	✓	✓	✓
TYP 24 - Journey Ticket (Incl Reservations)	✓	✓	✓	✓
TYP 25 - Travel Voucher	✓	✓	✓	✓
TYP 26 - Tolling	✓	✓	✓	✓
TYP 27 - Period Pass (space saving)	✓	✓	✓	✓
TYP 26 - Carnet (space saving)	✓	✓	✓	✓
TYP 26 - Multi Journey Ticket (space saving)	✓	✓	✓	✓

Multiple currency is not supported

Does not support Class 2 messages



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Schedule B

List of the conditions and/or constraints applied by ITSO.

This POST achieved benchmark timing of:

	Average over tests
CMD1	500mS
CMD2	1Sec
CMD3	560mS
CMD4	300mS
CMD5	350mS
CMD6	500mS
CMD7	500mS
CMD8	490mS