ITSO Certificate of Compliance

To: **Rambus (Ecebs)**
The Torus Building, Rankine Avenue, East Kilbride, G75 0QF UK

For: Rambus HOPS version 4.0

This is to certify that the above product has been tested as required by ITSO for compliance against ITSO TS 1000 Specification Version: 2.1.4 Corrigendum 9

Test Reports: Rambus (ECEBS) HOPS- H_2.1.4_DR – V.1.0

Dated: **25 May 2017**

Test List: Revision 6

This product supports the functions required to satisfy all the ITSO HOPS certification tests: Full ITSO HOPS which includes all functionality for Collection & Forwarding, Product Accounting, Shell Accounting, Asset Management and Account Management.

Signed for and on behalf of ITSO: _____

Title: CHIEF EXECUTIVE OFFICER

Dated: 11 JULY 2017

Certificate Valid until: 10 JULY 2024

Schedule A

The Rambus HOPS has passed all tests for a Full HOPS (AMS) system covering all functionality for Collection & Forwarding, Product Accounting, Shell Accounting and AMS.

Both V2 and H3 HSAMs have been used in testing to ensure that the HOPS operates at 3v. Rambus have confirmed that HID Global (Omnikey) readers correctly supplies 3v to ISAMs and HSAMs based on the ATR.

Schedule B

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

The HOPS does not support:

- Generating User Defined Data frames 0Exx and 0Fxx.
- ISMS_SREQ_IMPORT_CM_KEYS and ISMS_IREQ_CHANGE INVENTORY.
- Non-ITSO formatted messages.
- 0604 Multi Record Data Correction message generation.
- 0600 Multi Record transmission message generation.
- multi record transmission, multiple types- ListFormatRevision 1 0B00 message.
- POST2HOPS message controlled download requests.
- The generation of ISAM Management file parameters 0A0D – ListFormatRevision 1 and ListFormatRevision 2.