



AUSTRALIAN RAIL TRACK CORPORATION

Certificate No.: S-01-0313-141

NEW EQUIPMENT & SYSTEM APPROVAL CERTIFICATE

Approval date: 10th June 2014

Approved by: Operations Safety & Environment Review Group

Report no.: TAS 01-0313-RC141

Report date: 3rd December 2013

This certificate is issued to:

Supplier: SIEMENS
380 Docklands Drive
Docklands 3008
Victoria, Australia

In respect of:

Manufacturer: RUGGEDCOM
Product description: RUGGEDCOM RX1500 SWITCH AND ROUTER
Item identification:

Application: Signalling Vital Communications for Microlok II, WESTRACE, WESTRACE MkII and WESTLOCK.

Relevant Standards: SPS01 Standard Requirements for Signalling Electronic Systems
SPS02 Environmental Conditions
SPS05 Electrical & Electronic Components (Ratings & Construction Requirements)
SCP17 Computer Based Interlocking Requirements

Conditions of Approval:

1. For use in accordance with ARTC signals construction standards and standard data communications only.
2. Firmware versions prior to ROX2 v2.4.2 not to be used.
3. Changes to firmware to be notified to ARTC for approval.
4. RuggedCom documents RX1500 Installation Guide and RX1500/1501 Data Sheet to be referenced for design, installation and maintenance.
5. A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 2 yearly basis that accreditation is current.
6. The configuration settings of the RuggedCom 1500 shall be documented in a Work Instruction ESW-10-03 as part of the first installation. Further that these are used for all installations and Plug-n-Play configuration set up is prohibited.
7. Drawings of network configurations to be provided as part of the design.
8. The firmware version, data version and configuration of IP addresses and all other configuration items are to be documented at design and verified at commissioning and are a controlled drawing.

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A general condition of approval is that the supplier remains accredited to ISO 9001 specifically for these products and ARTC is advised on a 2 yearly basis that accreditation is current. ARTC reserves the right to conduct its own audit of the manufacture and supply of these components to AS 19011.

Any subsequent change to the design, materials or manufacturing process is not covered by this approval. The manufacturer should notify ARTC of any modification or changes in order to obtain a valid certificate.

Note/Comments: None

Issue date: 1st July 2014

Expiry date: N/A

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Issued by:



John Furness
ARTC Manager Standards

NEW EQUIPMENT & SYSTEM APPROVAL - APPROVED ITEM LIST

Reference no.: -
Date: 3rd December 2013
Product description: RUGGEDCOM RX1500 SWITCH & ROUTER
Certificate no.: S-01-0313-141

The following lists the individual items of RuggedCom RX1500 manufactured by RuggedCom which are approved for use on ARTC infrastructure under the above referenced New Equipment & System Approval Certificate number, subject to any conditions shown on that Certificate and the Conditions of Use shown against individual items.

Catalogue/Part No.	Item Type	Description	Conditions of Use <i>(including Version number if applicable)</i>
-	RX1500	Switch & Router	To be used with either Microlok II, WESTRACE, WESTRACE MkII or WESTLOCK

Legend:
