

CERTIFICATE OF ENGINEERING ACCEPTANCE

This certificate formally records that the following vehicle(s) conform to the appropriate requirements as set out in RIS-1530-PLT.

NAME OF VEHICLE ACCEPTANCE BODY

Interfleet Technology Ltd

ACCREDITATION CODE

IF

Vehicle Class / Type

Road Rail Vehicle Land Rover 110 Defender

Vehicle Operator

Aquarius Railroad Technologies Ltd

Vehicle Owner

Aquarius Railroad Technologies Ltd

Authorised by: 

Bryan Lowe
Interfleet Technology Ltd

Issue Date

8 July, 2008

Expiry Date

6 October, 2013

(Where applicable due to a special limitation)

Interfleet
Technology
OFFICIAL STAMP

Vehicle Number(s)

VX05_KTT

Special Limitations

- A RRV CONFIGURATION
The RRV is a Land Rover 110 Defender with Aries Rail Gear.
- B RRV ON/OFF TRACKING AND EMERGENCY RECOVERY.
1. Detailed in the maintenance and operations manual.
A RAP or temporary crossing must be used, maximum track cant 50mm.
 2. Alternatively to B1, a risk assessed procedure may be used that is specific to the possession.
 3. In recovery, speed must be limited to 5mph (8km/h).
- C RRV GAUGE
1. When travelling, RRV is within W6 gauge and exemption for road wheels as GM/RT1300.
 2. Cab doors can be out of gauge when open and account of this must be taken in the Method Statement.
- D RRV LIMITATIONS OF USE
1. It shall only operate inside a possession.
 2. It shall NOT on/off-track if adjacent lines are open to traffic.
 3. It shall NOT on/off-track, travel or work on live conductor-rail lines.
 4. This vehicle is suitable for use under live OLE (on/off track, travel or work) when used in conjunction with a safe system of work (Method Statement) determined and authorised in accordance with the requirements of GE/RT8024.
 5. Maximum track cant 200mm and/or 1 in 30 gradient.
 6. It will not activate train operated points.

7. Permitted speed > Maximum - 20mph (32km/h); Points & Crossings - 5mph (8km/h); Reversing - 15mph (24km/h); Towing or Propelling - 10mph (16km/h).
8. When operating in reverse, the maximum speed shall not exceed 10mph. Before moving, the driver shall ensure that he has adequate visibility of the track to the rear otherwise reverse movements shall be controlled by an assistant in the rear compartment and/or ground staff.
9. For access/egress, the RRV shall only operate with the opening door to the cab adjacent to a cess or a line closed to all train movements, or the safe system of work takes account of adequate clearance to adjacent lines. Vehicle door locks to be used.
10. The vehicle payload of 625kg shall NOT be exceeded and shall be uniformly distributed permitting up to 5 persons (80kg/person) with cab and/or equipment in the rear. Vehicle tare weight 2375kg.
11. It is permitted to tow or propel a single Permaquip/HTT Type B trolley. It shall be coupled to the front of the Land Rover and mechanical/electrical breakaway connectors shall be proved functional before movement commences.
Maximum towed/propelled weight 1 tonne.

Referenced Certificates

This Certificate of Engineering Acceptance has been issued in accordance with GM/RT2000 Issue 2, on the basis of the following Certificates of Conformance and previous Certificates of Engineering Acceptance.

Supporting Certificates

Vehicle Design

Vehicle Construction

Vehicle Maintenance

IF/MP/0183/08

Superseded Certificates

Engineering Acceptance

IF/0197/06

Reasons for non inclusion of a Certificate of Conformance or a Certificate of Engineering Acceptance:-
Vehicle Design and Construction Certificates not applicable.

RGS Catalogue

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 3 June 2008

Vehicle Data

Route Availability No:	(Laden)	No Change	(Tare)	No Change
Maximum Speed (mph):	(Laden)	20	(Tare)	20
Applicable Gauge or Portfolio Reference :	W6 as GM/RT1300			
Minimum Curve Radius:	80m			
Applicable Braking Curve(s):	Road/Rail Vehicles GM/RT1300 Issue 4 Clause D12.2			

Mandatory Data for Inclusion in RSL

None

Scope of Work

Certification of Land Rover RRV. Serial No. SALLDHM572A696781.

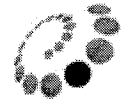
Originally assessed for compliance against GM/RT1300 Issue 4.

Correction of vehicle type and addition of vehicle operating weight, see D10.

Expiry date conforms to the requirements of RIS-1530-PLT.

Interfleet

Technology



Rail Safety & Standards Board

**CERTIFICATE OF CONFORMANCE FOR
VEHICLE MAINTENANCE**

This certificate formally records that the following vehicle(s) conform to the appropriate requirements as set out in RIS-1530-PLT.

NAME OF CERTIFICATION BODY

Interfleet Technology Ltd

ACCREDITATION CODE

IF

Vehicle Type / Class Road Rail Vehicle Land Rover 110 Defender

Vehicle Operator Aquarius Railroad Technologies Ltd

Vehicle Owner Aquarius Railroad Technologies Ltd

Authorised by:

Greg Lilleker

Interfleet Technology Ltd

Issue Date 24 June, 2008

Expiry Date 6 October, 2013
(Where applicable due to a special limitation)

Interfleet

Technology

OFFICIAL STAMP

Vehicle Number(s)

VX05_KTT

Special Limitations

None.

Maintenance Plan Documentation

Plan Name / Description

Land Rover Maintenance Plan

Issue

2

Issue Date

16/02/2006

RGS Catalogue

The Mandatory Requirements and scope of work against which conformance has been confirmed:
Railway Group Standard Catalogue number GA/RM6501 Issue 3 June 2008

Vehicle Data

Applicable Gauge or Portfolio Reference : W6 as per GMRT1300

Scope of Work

Certification of RRV. Serial No. SALLDHM572A696781.

Customer Copy

Certificate No: IF/MP/0183/08

Interfleet

Technology



Rail Safety & Standards Board

This Certificate of Conformance for Vehicle Maintenance has been issued on the basis of confirmation of conformance with the Mandatory Requirements.

Correction of vehicle type only.

Expiry date conforms to the requirements of RIS-1530-PLT.

Previous Certificate - Vehicle Allocations

IF/MP/0110/06: VX05_KTT

Customer Copy

Certificate No: IF/MP/0183/08