

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 130 Defender

Vehicle Operator

Aquarius Railroad Technologies Ltd

Vehicle Owner

Aquarius Railroad Technologies Ltd

Authorised by:



Bryan Lowe

Interfleet Technology Ltd

Issue Date

13 May, 2008

Expiry Date

6 October, 2013

(Where applicable due to a special limitation)



Technology

OFFICIAL STAMP

Vehicle Number(s)

VU06_JFJ

Special Limitations

- A RRV CONFIGURATION
The RRV is a Land Rover 130 Defender (crew cab) 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, vehicle 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 reversing and the driver does not have an unrestricted view to the rear, the permitted speed shall be reduced with movements controlled from 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 1050kg shall NOT be exceeded and shall be uniformly distributed permitting up to 5 persons in the cab (80kg/person) and/or equipment in the rear. Vehicle tare weight 2450kg.
 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/0240/06

Superseded Certificates

Engineering Acceptance

IF/0481/06

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 2 April 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. SALLDKH576A711134.

Originally assessed for compliance against GM/RT1300 Issue 4.

Amendment of reversing - See D7 and D8. Addition of vehicle operating weights - see D10.

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