

DRAFT ANNEX L

RIGHT HAND OPERATION

TO

PURCHASE DESCRIPTION

FOR

JOINT LIGHT TACTICAL VEHICLE

VERSION 1.3

12TH SEPTEMBER 2011

DRAFT

Revision History

Revision	Date	Description
1.0	20 th January 2011	January 2011 Web Release. This annex defines the JLV when configured for Right Hand Operation (RHO).
1.1	11 th April 2011	Revised Annex L
1.2	29 th June 2011	Revised Annex L
1.3	12 th September 2011	Revised Annex L

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1 SCOPE.

The JTLV program EMD Phase is pre-decisional. The release of the Draft Annex L is for informational and planning purposes only and is not to be construed as a commitment or obligation by the U.S. Government. Multiple revision of the annex are expected between now and any potential release of an EMD RFP. The intent for releasing this Draft is to provide industry with the forecasted direction of the JLTV program requirements and is not final. This web site will be updated with the latest version of the Draft Annex L as available.

1.1 Overview

This annex defines JLTV requirements applicable only when configured for RHO.

2 Applicable Documents

The following Australian Government standards and specifications are specific to this Annex to the extent specified herein . Unless otherwise specified, the issue of these documents are those in effect on the date of RFP.

AUSTRALIAN GOVERNMENT AGENCIES

Department of Infrastructure, Transport, Regional Development and Local Government Motor Vehicles Standards Act 1989 ADR - 3rd Edition

Section Number	Title
ADR 30/01	Smoke Emission Control for Diesel Vehicles
ADR 42/04	General Safety Requirements
ADR 46/00	Headlamps
ADR 48/00	Devices for Illumination of Rear Registration Plates
ADR 45/01	Lighting & Light-Signaling Devices not covered by ECE Regulations
ADR 61/02	Vehicle Marking
ADR 74/00	Side Marker Lamps

(Copies are available from the following website:
http://www.infrastructure.gov.au/roads/motor/design/adr_online.aspx)

AUSTRALIAN PAINT APPROVAL SCHEME SPECIFICATION

Section Number	Title
0502 (Australian Paint Approval Scheme (APAS) 0502/1)	Disruptive Pattern Camouflage Polyurethane Finishing System for Vehicles & Equipment

(Copies are available from the following website: <http://www.apas.gov.au/SpecList.asp>)

ID	Tier	Section 3 - Requirement	I	T	A	C	Section 4 - Verification
PDL-10		3 JLTV REQUIREMENTS					
PDL-11		If a conflict arises between Section 3 of this specification and the RHO annex, the callout in the RHO annex shall take precedence when configured for RHO. If not otherwise specified, all requirements are threshold values (T). Objective values, which are desired capabilities, are labeled with an (O).					This is a definition and not verifiable separately.
PDL-12		3.1 Physical Requirements					4.1
PDL-13	5	The JLTV, when configured for RHO, shall allow for RHO to include driver station and instrument panel layout (including turn stalk placement), spare tire placement, headlight lamp bias, DVE lamp placement, side mirror vision, gunners hatch, engine air filter cap location and driver SA.		X			Testing shall be conducted to verify compliance with Section 3 requirement.
PDL-14		3.2 Performance Requirements					4.2
PDL-15	5	The JLTV, when configured for RHO, shall have markings as specified per Australian Design Rules (ADR) 61/02 "Vehicle Markings for NB Class Vehicles (Medium Goods Vehicles)".	X				Inspection shall be conducted IAW TOP 2-2-505 to verify compliance with Section 3 requirement.
PDL-16	5	The JLTV, when configured for RHO, shall meet ADR 42/04 "General Safety Requirements for NB Class Vehicles (Medium Goods Vehicles)", Clause 7.1.1.	X				Inspection shall be conducted IAW TOP 2-2-505 to verify compliance with Section 3 requirement (centerline of steering control must not be to the left of vehicle centerline).
PDL-68	5	The air brake visible indicator shall be located within the bounds specified in Clauses 4.2.12.1 - 4.2.12.4 of ADR 35/03.	X				Inspection shall be conducted IAW TOP 2-2-505 and in conformance with ADR 35/03, section 4.2.12.1 to 4.2.12.4 to verify compliance with Section 3 requirement.
PDL-69	5	The parking brake indicator lamp shall be located as specified in Clause 4.2.12 of ADR 35/03.	X				Inspection shall be conducted IAW TOP 2-2-505 and in conformance with ADR 35/03, section 4.2.12.1 to 4.2.12.4 to verify compliance with Section 3 requirement.
PDL-70	5	Any electronic failure of the ABS shall be signaled to the driver by means of an optical warning signal located IAW Clause 4.2.12 of ADR 35/03.	X				Inspection shall be conducted IAW TOP 2-2-505 and in conformance with ADR 35/03, section 4.2.12.1 to 4.2.12.4 to verify compliance with Section 3 requirement.

ID	Tier	Section 3 - Requirement	I	T	A	C	Section 4 - Verification
PDL-17	5	The JLTV, when configured for RHO, shall meet ADR 42/04 "General Safety Requirements for NB Class Vehicles (Medium Goods Vehicles)", Clause 12.3.	X				Inspection shall be conducted IAW TOP 2-2-505 to verify compliance with Section 3 requirement (centerline of steering control must not be to the left of vehicle centerline).
PDL-18	5	The JLTV, when configured for RHO, shall be equipped with headlamps as specified per FMVSS 108 however aligned for RHO as per Australian Design Rules (ADR) 46/00 "Headlamps for NB Class Vehicles (Medium Goods Vehicles)".				X	Certification, consisting of presence of "DOT" symbol on the headlamp lens IAW FMVSS 108, S7.2(s) shall be provided to verify compliance with FMVSS 108 requirements. Headlamp alignment, location on vehicles, and lighting characteristics (including intensity) shall be inspected IAW TOP 2-2-505, or functionally tested, to verify compliance with Section 3 requirements.
PDL-19	5	The JLTV, when configured for RHO, shall be equipped with a device for illumination of rear registration plate as specified per ADR 48/00 "Devices for Illumination of Rear Registration Plates for NB Class Vehicles (Medium Goods Vehicles)".		X			Functional testing shall be conducted IAW ADR 48/00 requirements outlined in Sections 5-9 (including field of vision visibility, light source requirements (including color, angle of inclination, photometric properties)) to verify compliance with Section 3 requirement.
PDL-22	5	The JLTV, when configured for RHO, shall meet ADR 30/01 "Smoke Emission Control for Diesel Vehicles for NB Class Vehicles (Medium Goods Vehicles)".		X			Testing shall be conducted IAW the diesel engine performance requirements of Subpart A, 40 CFR 86.098-11, to verify compliance with Section 3 requirement.
PDL-23	5	The JLTV, when configured for RHO, shall be equipped with three Side Marker Lamps (front, rear, and mid) which meet the requirements of ADR 13/00 "Installation of Lighting and Light-signalling Devices on other than L-Group Vehicles", ADR 45/01 "Lighting & Light-signalling Devices not covered by ECE Regulations", and ADR 74/00 "Side Marker Lamps".		X			Testing shall be conducted IAW TOP 2-2-505, along with functional testing as required, to verify compliance with Section 3 requirements.
PDL-71	6	The JLTV, when configured for RHO, shall accept a Type I AS-NZS 3112 AUS 10/240V convenience outlet.	X				Inspection shall be conducted IAW TOP 2-2-505 to demonstrate the correct outlet is installed (Type I AS-NZS 3112 AUS 10/240V) to verify compliance with Section 3 requirement.

ID	Tier	Section 3 - Requirement	I	T	A	C	Section 4 - Verification
PDL-25	9	The JLTV exterior shall be finish coated IAW APAS 0502/1.			X		Intercoat paint adhesion is to be analyzed using 100 x 20 x 1.2mm steel test panels cleaned, pretreated and primed IAW MIL-DTL-53072, and finish coated IAW APAS 0502 for the three disruptive pattern camouflage colors (Camouflage Green (Olive Drab), Camouflage Brown and Black).
PDL-26		3.3 JLTV Variant Requirements					4.3
PDL-72		3.3.1 JLTV-UTL					
PDL-73	7	The JLTV, when configured for RHO, shall be able to tow the M777 Howitzer at the operating limits of the M777 Howitzer.		X			Testing shall be conducted IAW with TOP 2-2-021, paragraph 4.2, and 5.2 to verify compliance with Section 3 requirement.
PDL-27		3.3.2 JLTV-T					4.3.1
PDL-28	5	The JLTV-T shall be capable of being equipped with a device for illumination of a rear registration plate as specified per ADR 48/00 "Devices for Illumination of Rear Registration Plates for TB Class Trailer (Light Trailer) and TC Class Trailer (Medium Trailer)".		X			Functional testing shall be conducted IAW ADR 48/00 requirements outlined in Sections 5-9 (including field of vision visibility, light source requirements (including color, angle of inclination, photometric properties)) to verify compliance with Section 3 requirement.
PDL-29	5	The JLTV-T shall be capable of having markings as specified per ADR 61/02 "Vehicle Markings for TB Class Trailer (Light Trailer) and TC Class Trailer (Medium Trailer)".		X			Inspection shall be conducted IAW TOP 2-2-505 to verify compliance with Section 3 requirement.
PDL-30	9	The JLTV-T shall be finish coated IAW APAS 0502/1.			X		Intercoat paint adhesion is to be analyzed using 100 x 20 x 1.2mm steel test panels cleaned, pretreated and primed IAW MIL-DTL-53072, and finish coated IAW APAS 0502 for the three disruptive pattern camouflage colors (Camouflage Green (Olive Drab), Camouflage Brown and Black).