National Defense Industrial Association’s

2014 Tactical Wheeled Vehicles Conference

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Outline

- Canadian Defence Environment
- Department of National Defence (DND) Organization
- Wheeled Fleet Replacement
- Defence Procurement Strategy (DPS) Framework
Canadian Defence Environment

- Post-Afghanistan Reality
- Impacts of Resource Rationalization
- Canada Defence First Strategy / Arctic Focus
- Emphasis on Air/Navy Programs
- Emphasis on Joint Capabilities
- Federal Election in 2015
Wheeled Fleet Replacement

- **M113**
- **LAV II Bison**
- **LAV II Coyote**
- **MLVW**
- **HLVW**
- **LSVW**

**1980** | **1990** | **2000** | **2010** | **Now** | **2020** | **2030**
---|---|---|---|---|---|---

**TSD**

**LRSS UP (LAV 6.0)**

**TAPV**

**MIICOTS**

**MSVS SMP**

**LVM Hvy (TBD)**

**LVM Light (TBD)**
LAV III Upgrade Project (LAV UP)

• Upgrade mobility, protection, firepower & turret ergonomics
  ➢ 278 x LAV ISC
  ➢ 181 x LAV CP
  ➢ 47 x LAV FOO
  ➢ 44 x LAV Engineer

• Approved Scope = 550

• Approved Options = 80 allocated for LRSS UP, ASCCM and MEWTs

• Delivery started January 2013

• Initial Production Testing underway

• Initial Operating Capability Fall 2014
LAV Reconnaissance Surveillance System Upgrade (LRSS UP)

• Re-purpose 66 x LAV III vehicles into LAV Reconnaissance vehicles
• Upgrade mobility, protection, firepower & turret ergonomics
• Upgrade LRSS, Operator Control Station, Communications and Silent Watch capability
• Definition underway now
• Implementation approval in December 2014
Armoured Combat Support Vehicle Replacement (ACSV)

- Replace LAV II & M113 with a common fleet of armoured combat support vehicles
- Deliverables expected to include:
  - Ambulances
  - Mobile Repair Teams
  - Command Posts
- Pre-Identification underway
Tactical Armoured Patrol Vehicle (TAPV)

- Acquire 500 Tactical Armoured Patrol Vehicles
  - 364 to be equipped with dual Remote Weapon System (C6 GPMG + C16 40mm AGL)
- Textron TAPV
- In Implementation
- RAMD testing underway on first 5 vehicles
- First delivery November 2014
Medium Support Vehicle System (MSVS)

Replace & improve MLVW capability

Ph 1 - MSVS MilCOTS
  » 1300 trucks delivered

Ph 2 - Baseline Shelter
  » Contracted
  » Production underway

Ph 3 - SEV Kits
  » Contracted
  » Kitting of shelters starts 2013

Ph 4 - MSVS SMP
  » RFP Underway
  » Implementation Approval in 2015
Logistics Vehicle Modernization (LVM)

- Horizon 1
- Replace and modernize the logistics vehicle capability represented by LSVW, HLVW and HESV which are obsolete
- To include all CAF requirements
- In Options Analysis now

Representative Images Only
Enhanced Recovery Capability (ERC)

• Introduce new recovery capability to the CAF
• Deliverables expected to include:
  ▶ Wreckers
  ▶ Replacement for MRV/MTVR
  ▶ Flat Deck Recovery
  ▶ 5th Wheel Towing
  ▶ Backload Trailers
• In Options Analysis now
Fifth Wheel Towing Recovery Device

Attachment to a tractor 5\textsuperscript{th} wheel that turns a tractor into a wrecker

Qty 40 to be procured as a stop gap measure
ERC will have to integrate/refurbish/dispose once final solution is fielded
Bridge & Gap Crossing Modernization

- Introduce new bridge & gap crossing capability
- Deliverables expected to include:
  - Truck launched bridges
  - Light, medium & heavy bridges
- Pre-Identification underway

Representative Images Only
Expedient Route Opening Capability (EROC)

- EROC has been so effective that decision taken to adopt it as a permanent Land capability
- Deliveries complete
- 10 x Cougars converted to General Purpose APCs for TFA
- 2 x Cougars converted to Ambulances for Op Attention
Defence Procurement Strategy (DPS)

New Defence Procurement Strategy announced February 2014:

» Deliver the right equipment in a timely manner;
» Leverage purchases to create jobs and economic growth; and
» Streamline defence procurement processes.

Implementation on the Defence Procurement Strategy is underway in collaboration between National Defence; Public Works and Government Services; Industry Canada; International Trade

» The roll out of new policies, practices and procedures will be done in a deliberate manner – industry will be engaged throughout
DPS – So What?

- Significant Changes Include:
  - Value Proposition (VP) for Canadian Industry
  - Independent 3rd Party Review of Requirements (>\$100M)
  - Streamlined Delegation of Contracting Authority to National Defence
  - Ministerial-level Secretariat Overview of Major Procurements
QUESTIONS?