



National  
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nationale

Chief Review Services Chef - Service d'examen

CRS  CS Ex

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Internal Audit: Armoured Personnel  
Carrier (M113LE) Intellectual Property

September 2009

7053-62 (CRS)



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## **Acronyms and Abbreviations**

APC	Armoured Personnel Carrier
AR	Andrews Robichaud P.C.
CRS	Chief Review Services
DGLEPM	Director General Land Equipment Program Management
DND	Department of National Defence
ECM	Electronic Counter Measures
FOV	Family of Vehicle
IP	Intellectual Property
LE	Life Extension
MRT	Mobile Repair Team
MTVF	Mobile Tactical Vehicle Fitter
MTVE	Mobile Tactical Vehicle Engineer
MTVL	Mobile Tactical Vehicle Light
RWS	Remote Weapon System
PwC	PricewaterhouseCoopers LLP
PWGSC	Public Works and Government Services Canada
PWS	Protected Weapon System
TLAV	Tracked Light Armoured Vehicles
USG	United States Government





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**Management Action**

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**Note:** For the specific recommendation and management response, please refer to [Annex A](#)—Management Action Plan.

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## Introduction

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### Objective

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## Audit Criteria

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## Methodology

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**Approach to Assessing the Sample of Drawings against the Audit Criteria**

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**Subject Matter Specialist**

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## Findings

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## Installation Drawings

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## Annex A—Management Action Plan

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## Annex B—IP Clauses from M113LE Contracts with the Vendor

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**ANNEX B**

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**ANNEX B**

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## Annex C—Audit Criteria

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## **Annex D—Example of Application of Audit Criteria**

Appendix 1—Piece Part Drawing

Appendix 2—Installation Drawing

Appendix 3—Electrical Drawing



## Appendix 1 to Annex D—Piece Part Drawing

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**APPENDIX 1 TO ANNEX D**

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## Appendix 2 to Annex D—Installation Drawing

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## Appendix 3 to Annex D—Electrical Drawing

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## Annex E—IP Specialist Qualifications – Pierre Robichaud

### Summary (Range of Experience)

Pierre Robichaud is a founding partner of Andrews Robichaud located in Ottawa, Ontario. Pierre practices exclusively in the field of intellectual property and more specifically as follows:

- Preparation of patentability opinions for proposed inventions.
- Preparation of patent infringement opinions.
- Drafting patent applications.
- Conducting IP due diligence audits.
- Advising clients on trade-marks and copyright matters.
- Advising clients on potential legal disputes and next steps in any legal dispute.

Prior to founding his firm, Pierre was an associate lawyer with Marusyk, Miller & Swain LLP and also worked exclusively in the field of intellectual property.

### Education

- Bachelor of Applied Science, (Industrial) Université de Moncton.
- LL.B. (Common Law – French), Université d'Ottawa.
- Member of Law Society of Upper Canada.
- Member of Professional Engineers Ontario.

### Experience

#### Legal and litigation – Canada and US

Actively involved in litigation matters before all levels of Courts in Canada from either the plaintiff or defendant's perspective. Also very familiar with litigation matters before US District Courts. This experience requires:

- Determining and assessing strength of legal arguments and potential shortcomings.
- Managing client expectations and overseeing the production of all relevant documents.
- Establishing all facts and preparing a series of questions to be answered by client.
- Searching case law and establishing legal strategy.
- Preparing materials for appearance before tribunal.
- Conducting examination of individuals.
- Attending examination of individuals.
- Implementing a legal strategy with the full participation of the client.
- Conducting intellectual property audits.

**ANNEX E**

- Conducting and preparing patent infringement opinions.
- Conducting and preparing patentability opinions for proposed invention.
- Management meetings with clients assessing business activities in the field of intellectual property and establishing corporate compliance programs.
- Advising client on all other intellectual property matters such as trademarks, copyright, industrial design and trade secrets.

**Technical Skills**

- High technology/Communications.
- Construction.
- Manufacturing.
- Aerospace.
- Health care.

