MARITIME DOMAIN AWARENESS
Canadian Policy Activities
Peter Avis – Lansdowne Technologies, Inc.
Report Documentation Page

<table>
<thead>
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<th>1. REPORT DATE</th>
<th>2. REPORT TYPE</th>
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<td>00-00-2009 to 00-00-2009</td>
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<th>5a. CONTRACT NUMBER</th>
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<th>7. PERFORMING ORGANIZATION NAME(S) AND ADDRESS(ES)</th>
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<tbody>
<tr>
<td>Lansdowne Technologies, Inc., 275 Slater Street Suite 1001, Ottawa, Ontario Canada K1P 5H9,</td>
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12. DISTRIBUTION/AVAILABILITY STATEMENT

Approved for public release; distribution unlimited

13. SUPPLEMENTARY NOTES

Maritime Domain Awareness and Counter Piracy, 26-29 October 2009, Ottawa, Canada. U.S. Government or Federal Rights License

14. ABSTRACT

15. SUBJECT TERMS

16. SECURITY CLASSIFICATION OF:

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<th>b. ABSTRACT</th>
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17. LIMITATION OF ABSTRACT

Same as Report (SAR)

18. NUMBER OF PAGES

13

19a. NAME OF RESPONSIBLE PERSON

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Standard Form 298 (Rev. 8-98)
Prescribed by ANSI Std Z39-18
Terrorism Threat Remains

- CANADIAN TERRORISM BRAMPTON 18 – 3 GUILTY
- ENERGY CIP – INCLUDES THE MARITIME DOMAIN
- AQ SEES CANADA AS A LEADING SOURCE OF ENERGY TO THE US
- Quote of the Day – “STRIKE AT PETROLEUM INTERESTS IN ALL AREAS WHICH SUPPLY THE UNITED STATES ... LIKE CANADA!”
Terrorism Threat – New Focus

• First time that Canadian Oil and Natural Gas Facilities have been explicitly targeted for attack
• Oil and gas facilities, pipeline terminus, port infrastructure, and vessels are major parts of the MARITIME DOMAIN
MARITIME DOMAIN AWARENESS in CANADA

• NSP – SIX-POINT PLAN
• COLLABORATE with MARITIME SURVEILLANCE, INTELLIGENCE, TECHNOLOGY
• SHARE INFORMATION
• CONNECT THE DOTS - DETECT
• REACT BEFORE ARRIVAL IN CANADA
MARINE SECURITY PLAN

Map showing the route from Montreal to Antwerp, with the CANLANT AOR and the 200 NM EEZ marked.
MDA DEFINITION (CDA)

• MDA IS THE EFFECTIVE UNDERSTANDING OF EVERYTHING ON, UNDER, RELATED TO, ADJACENT TO, OR BORDERING A SEA, OCEAN, OR OTHER NAVIGABLE WATERWAY, INCLUDING ALL MARITIME-RELATED ACTIVITIES, INFRASTRUCTURE, PEOPLE, CARGO, VESSELS, OR OTHER CONVEYANCES.
INFORMATION SHARING

• PERCEPTIONS OF EXISTING LAWS
• PRIVACY ACT, CHARTER, ATIP
• HAS AFFECTED PROGRESS IN COLLABORATION ACTIVITY AREA
• ITAC, GOC, SECURITY COMMITTEES, MSOC
INFORMATION SHARING (2)

• NO VALID REASON FOR THESE LAWS TO IMPEDE THE FLOW OF INFORMATION FROM ONE DEPARTMENT TO ANOTHER

• PRIVACY ACT (Paragraph 8)

• AUDITOR GENERAL – 2004 REPORT

• CANUS BI-NATIONAL PLANNING GROUP

• DIFFERENCE – INTEGRATION IN A SINGLE DATA-BASE OF MULTIPLE INFORMATION CONTRIBUTORS
WHAT TO DO?

• RELUCTANCE FOR 1 on 1 SHARING
• “DUTY TO SHARE” FOR NATIONAL SECURITY
• STRONG AND CLEAR POLICY DIRECTION TO DEPARTMENTS
• MULTIPLE LEVELS WHEN POSSIBLE
• DEBATE DATABASE INTEGRATION
MDA – ARCTIC CONSIDERATIONS

- AMBIVALENT ATTITUDE
- HISTORIC APPROACH
- NO LONG-TERM STRATEGY
- LAW OF SEA CONVENTION
- NATIONAL MARINE CONSERVATION AREA

- NEED FOR A LONG-TERM COMPREHENSIVE STRATEGIC PLAN
MDA – CIVIL SURVEILLANCE LAYER

- LAYERED SURVEILLANCE SENSORS
- EMPHASIS ON CIVILIAN AIR CONTRACT SERVICES
- AUGMENT WHAT WE HAVE
- STRATEGICALLY PLACED USING INTELLIGENCE QUEING
MDA – NATIONAL MDA CENTRE

• CENTRAL MDA CENTRE RECEIVING REGIONAL INPUTS EARLY TO CREATE COP

• COMMON RISK SCORING

• METE OUT RESOURCES BASED ON “EFFECTIVE UNDERSTANDING”

• GATEWAYS AND CORRIDORS – COORDINATED RESOURCE MANAGEMENT
Conclusion