PROGRAM BRIEFING

Washington, D.C.
November 2, 2007

St. Lawrence Great Lakes Marine Industry Environmental Program

Drivers for Green Marine

- Marine’s positive environmental attributes not appreciated
- Media focusing on Great Lakes – St. Lawrence Waterway
- Environmental groups and community groups taking an active interest
- Legislative & regulatory action increasing (U.S. & Canada)
- Shippers expect environmental and social responsibility
Objectives

*Green Marine is a voluntary, industry sustainability initiative intended to:*

- **Strengthen environmental performance** through a process of continuous improvement
- **Build strong relations** with Great Lakes – St. Lawrence Waterway stakeholders
- **Heighten understanding** of the industry’s activities and environmental benefits

Guiding Principles

- Corporate leadership
- Minimizing environmental impacts
- Continuous improvement
- Voluntary protection measures
- Collaboration with stakeholders and integrated waterway management
Governance

CEO Steering Committee

Co-chairs:
1. Gerry Carter – Canada Steamship Lines Inc.
2. Terry Johnson – Saint Lawrence Seaway Development Corp. (Ex-officio)
3. Laurence Pathy - Fednav Limited

Members:
4. Louis-Marie Beaulieu - Groupe Desgagnés
5. Richard Corfe – St. Lawrence Seaway Management Corp.
6. Adolph Ojard – Duluth Seaway Port Authority
7. Allister Paterson – Seaway Marine Transport
8. Madeleine Paquin - Logistec
9. Patrice Pelletier - Montreal Port Authority
10. Keith Robson - Hamilton Port Authority
Program Management

- 7 Associations in Great Lakes / St. Lawrence region
- Over 500 Canadian & U.S. companies
- Associations responsible for:
  - Program management
  - Providing guidance to members
  - Leading collective industry action
  - Communications

Technical Work
Environment Committees

2 Committees:
- St. Lawrence
- Great Lakes

Members from all sectors:
- Shipping Companies
- Port Authorities
- Terminal Operators
- St. Lawrence Seaway
- Marine Associations
- Federal Government
- Provincial Government
- Environmental Groups
- Academics
- Technical Experts/Advisors
Priority Issues & Action Plans

Priority issues:
- Invasive species
- Air emissions
- GHG
- Oily water
- Cargo residues
- Port impacts

Current Situation

Objective

Collective Actions

Corporate Actions
- Shipping companies
- Ports & terminals / Seaway

Performance Indicator Template

<table>
<thead>
<tr>
<th>Levels</th>
<th>Criteria</th>
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<tbody>
<tr>
<td>1</td>
<td>Regulatory compliance</td>
</tr>
<tr>
<td>2</td>
<td>Systematic use of best practices</td>
</tr>
<tr>
<td>3</td>
<td>Integrated management system</td>
</tr>
<tr>
<td>4</td>
<td>Introduction of new technologies</td>
</tr>
<tr>
<td>5</td>
<td>Excellence and leadership</td>
</tr>
</tbody>
</table>

Short-term goal: majority of participants at level 3
What is Expected of Participating Companies?

- Adopt environmental program
- Implement best practices
- Ensure employee awareness
- Develop continuous improvement mind-set
- Provide technical expertise and support R&D
- Encourage widespread participation

Green Marine Certification

Establishing levels of performance

- Initially, companies to perform self-evaluation against checklists
- External verification system targeted by 2009
Annual Reporting

Report to the public on industry’s progress


What Next?

- Encourage widespread participation
- Provide implementation support
- Determine issues to be addressed in next phase
- Attain Government recognition / support
  - Federal – U.S. & Canada
  - Great Lakes’ States & Provinces