Port Stakeholders and Environmental Certification Programs

AAPA Conference, Jersey City
June 8th, 2016

www.green-marine.org
PRESENTATION OUTLINE

1. Green Marine: Who we are
2. What does it take to make an environmental certification matter?
3. Different stakeholders, different expectations
4. Measuring your engagement with local communities
GREEN MARINE IS…

A voluntary certification program to reduce environmental footprint of marine operations by

• exceeding regulatory compliance
• promoting a culture of continuous improvement

A benchmarking tool to measure performance
A partnership initiative involving stakeholders
PORTS (35)

Canadian Great Lakes & St Lawrence Seaway
Hamilton Port Authority
Montreal Port Authority
Port of Valleyfield
Quebec Port Authority
Saguenay Port Authority
Sept-Îles Port Authority
Thunder Bay Port Authority
Toronto Port Authority
Trois-Rivières Port Authority
Windsor Port Authority
Port of Bécancour
Oshawa Port Authority

US Great Lakes
Duluth Seaway Port Authority
Illinois International Port District
Ports of Indiana – Burns Harbor
Cleveland-Cuyahoga County Port Authority
Port of Milwaukee
Port of Monroe, Michigan

US Gulf Coast & Florida
Port of Gulfport
Port Everglades
Port of New Orleans
Port Canaveral

US East Coast
Port of Albany

US West Coast
Port of Seattle
Port of Longview
Port of Hueneme
Northwest Seaport Alliance

Canadian West Coast
Greater Victoria Harbour Authority
Nanaimo Port Authority
Port Metro Vancouver
Prince Rupert Port Authority
Port Alberni Port Authority

Atlantic Canada
Halifax Port Authority
Saint John Port Authority
St. John’s Port Authority
LEADERSHIP & GOVERNANCE

2016 Board of Directors

- Terence Bowles, President & CEO (Treasurer)
  St. Lawrence Seaway Management Corporation
- Brandy Christian, COO
  Port of New Orleans
- Stephen Edwards, CEO
  Global Container Terminals, Inc
- William D. Friedman, President & CEO
  Cleveland-Cuyahoga County Port Authority
- Paul Gourdeau, President (Chair)
  Federal Marine Terminals
- Don Krusel, President & CEO (Vice-Chair)
  Prince Rupert Port Authority
- Allister Paterson, President
  Canada Steamship Lines
- Jim Quinn, President & CEO
  Saint John Port Authority
- Ron Tursi, President
  Roymar Ship Management
## Performance Indicators

<table>
<thead>
<tr>
<th>Performance Indicators</th>
<th>Ship owners</th>
<th>Ports &amp; Term’s</th>
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<tbody>
<tr>
<td>Invasive species</td>
<td>1</td>
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<tr>
<td>Air emissions (SOx and PM)</td>
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<tr>
<td>Air emissions (NOx)</td>
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<tr>
<td>Greenhouse gases (GHG) &amp; Air Pollutants</td>
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<td>1</td>
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<tr>
<td>Oily water</td>
<td>5</td>
<td>-</td>
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<tr>
<td>Garbage management</td>
<td>6</td>
<td>2</td>
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<tr>
<td>Prevention of spills and leakages</td>
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<td>3</td>
</tr>
<tr>
<td>Dry bulk handling and storage</td>
<td>-</td>
<td>4</td>
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<tr>
<td>Community impacts</td>
<td>-</td>
<td>5</td>
</tr>
<tr>
<td>Environmental leadership</td>
<td>-</td>
<td>6</td>
</tr>
<tr>
<td>Underwater Noise – New!</td>
<td>7</td>
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PERFORMANCE INDICATOR

1. Regulation monitoring process in place
2. Systematic use of a defined number of best practices
3. Integrated management systems & quantifiable understanding of environmental impacts
4. Introduction of new technologies
5. Excellence and leadership
CERTIFICATION PROCESS

Self Evaluation
• Annual self-evaluation requiring CEO sign-off
• Due April 1

External Verification
• Third party verification every two years
• Due mid-May

Results Publication
• Produced by Green Marine staff
• Released at annual conference

Certification Ceremony
• At annual conference
What does it take to make an environmental certification matter?

- Solid metrics and tool to measure and benchmark performance
- Transparency
- Input and participation from stakeholders
CONDITION 1: MEASURING PERFORMANCE
CONDITION 2: TRANSPARENCY

- Full disclosure of program requirements
- Full disclosure of individual company results
PUBLICATION OF RESULTS

2015 Performance Report is online
CONDITION 3: INPUT AND PARTICIPATION

Advisory Committees:

- Include ports, terminals, shipowners, government, NGOs, academia
- Mandate: advise on program revision and development
SUPPORTERS (58) encourage and support Green Marine’s sustainable development initiative undertaken by the maritime industry. Associations (19) serve as ambassadors for the program and promote its continued growth.
Stakeholders: who are we talking about?

Regional/national
- Government agencies
- Major NGOs

Local
- Community groups
- Municipal government
- Local environmental groups
Regional/national stakeholders

- Interested in the big picture
- Want to get involved
- Well organized, ready to invest time in long-term dialogue
Local Stakeholders

• Focused on local issues
• More passionate, more involved personally
• Higher initial skepticism towards environmental certifications
• Reassured by other NGOs endorsements
PERFORMANCE INDICATOR ON COMMUNITY IMPACTS

Objective
Reduce the amount of noise, dust, odor and light to which people residing close to port facilities are exposed.

COMMUNITY IMPACTS

NUISANCE MITIGATION
Implementation of operational measures

COMMUNITY RELATIONS
Establishment of community relations based on trust in order to build, maintain and/or increase the port’s social acceptability

To be further expanded in 2016 - NEW WORK GROUP
COMMUNITY IMPACTS
Current criteria related to community relations

1. Monitoring of regulation

2. Make available/post a telephone number for receiving complaints related to port activities.
   - Once a complaint has been made, move swiftly to ensure that corrective measures are taken.

3. Adoption of a plan for managing community issues and a procedure for handling complaints.
   - Evaluation of environmental and social aspects of new projects (activities or operations) that are not subject to an environmental assessment under existing regulation.
COMMUNITY IMPACTS
Current criteria related to community relations

- **Active involvement in local community organizations** (e.g. watershed committee, local NGOs, etc.).
- Implementation of **permanent communication channels** to inform the community, on a regular basis, on major projects and construction work, their impacts and mitigation measures taken.
- Adoption of a documented and communicated **procedure to consult the community** (e.g. public information session) before implementing new projects that can have an impact on the environment and/or the community.

- Leading of a **permanent consultative committee** which is open to citizens.