

Date of Meeting: 05/02/17
Item No.: 5A



THE NORTHWEST
SEAPORT ALLIANCE
Gateway to Solutions

GREEN MARINE REPORT – 2016

Background

Green Marine Report



- 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
- **Annual self-evaluation** – participants are expected to demonstrate measureable year-on-year improvement.



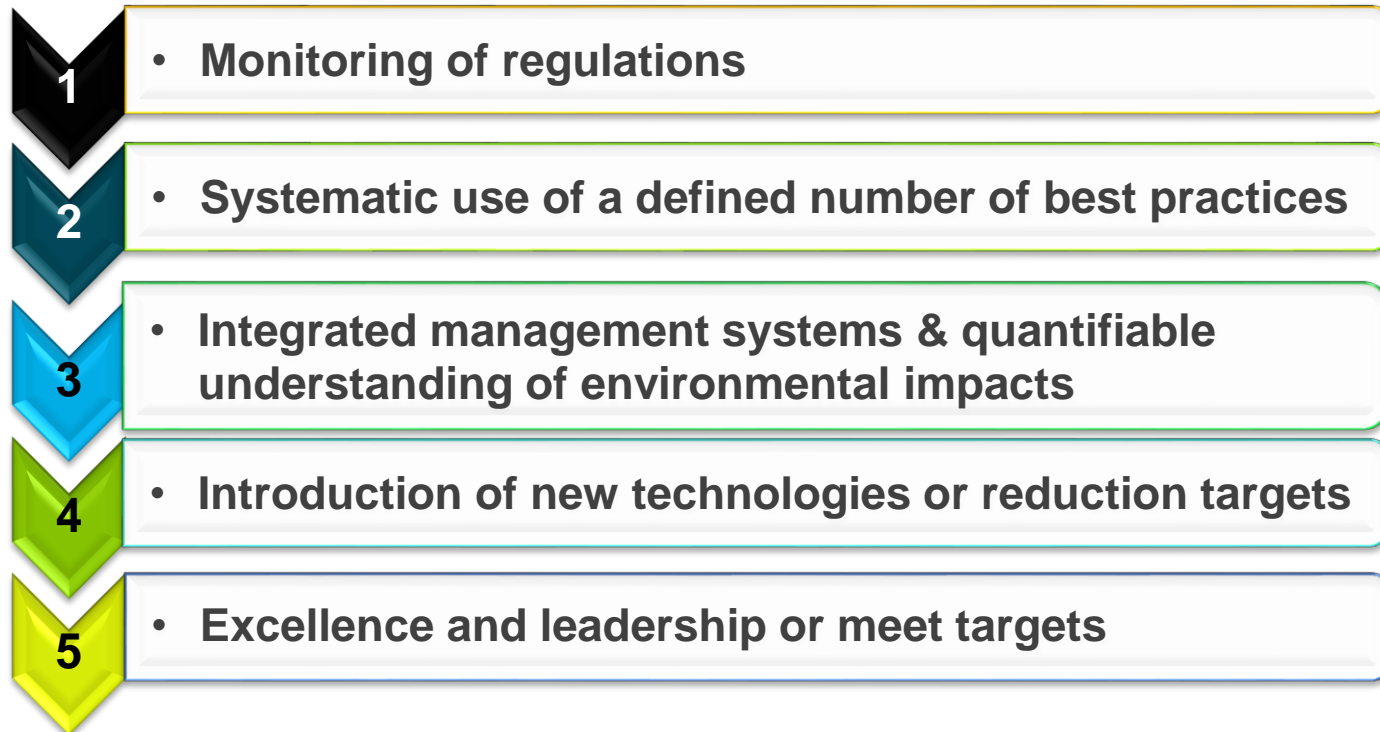
NWSA Certification

- **6 main areas of performance indicators:**
 - Aquatic Invasive Species
 - Greenhouse Gases and Air Pollutants
 - Spill Prevention
 - Community Impacts
 - Environmental Leadership
 - Waste Management
- **Range of participants – ship owners, shipyards, ports, terminals**
 - Port of Everett, Olympia, New Orleans, Vancouver, Prince Rupert, Montreal
- **Port of Seattle joined in 2013, NWSA in 2016** – this is NWSA's first self-evaluation, and will be used to benchmark scores in the future



Green Marine Performance Indicators

- Each performance indicator given a score from Level 1 to Level 5, based on how NWSA meets the criteria
- Results are published publicly



Green Marine 2016 Self-Evaluation Results



Performance Indicator	2016 NWSA Level Achieved	Maximum Level Achievable
Aquatic Invasive Species	1	1
Greenhouse Gases and Air Pollutants	2	5
Spill Prevention	2	5
Community Impacts	2	5
Environmental Leadership	3	5
Waste Management	2	5



NWSA Results



- **Greenhouse Gases and Air Pollutants – aims to reduce fuel use and congestion:**

- Puget Sound 2016 Air Emission Inventory & Northwest Ports Clean Air Strategy
- Extended Gate Hours Program
- Clean Truck Program and ScRAPs2
- DrayQ pilot

NWSA Ports Sea - Tac		
	Washington United Main Gate	98m >
	Washington United Empty Yard	32m >
	Olympic Container Main Gate	1h34m >
	Pierce County Terminal Main Gate	1h42m >
	Husky Terminal Main Gate	1h13m >
	SSA Terminal 18 Main Gate	1h25m >
	SSA Terminal 18 Gate 4	1h13m >
	SSA Terminal 30 Main Gate	58m >

- **Spill Prevention – ensures ports prevent any spills/leaks entering the environment:**

- Facility Stormwater Pollution Prevention Plans (SWPPPs)
- Regular inspections
- Spill training for employees
- Stormwater Working Group



NWSA Results



- **Community Impacts – minimize the impact of port operations on local communities:**
 - Noise, dust and lighting restrictions in all works
 - Easy to contact the NWSA (website, social media, phone line)
- **Environmental Leadership – encourage tenants to adopt best environmental practices:**
 - Environmental exhibits in all leases
 - Northwest Ports Clean Air Strategy and Stormwater Working Groups
- **Waste Management – reduce overall waste and increase recycling across the port:**
 - Recycling facilities and signposting throughout both Harbors
 - Paperless payroll



Project Schedule

Green Marine Report



- **Self-evaluation results will be externally verified in April 2018**
- **Program requires year-on-year improvement on baseline scores**
- **Work to improve scores:**
 - NWSA Greenhouse Gas Report that meets Green Marine criteria
 - Water and Land Pollution Prevention Plan that meets Green Marine criteria
 - Waste inventory of waste produced by NWSA offices and facilities



Conclusion

Green Marine Report

Any questions on Green Marine?

