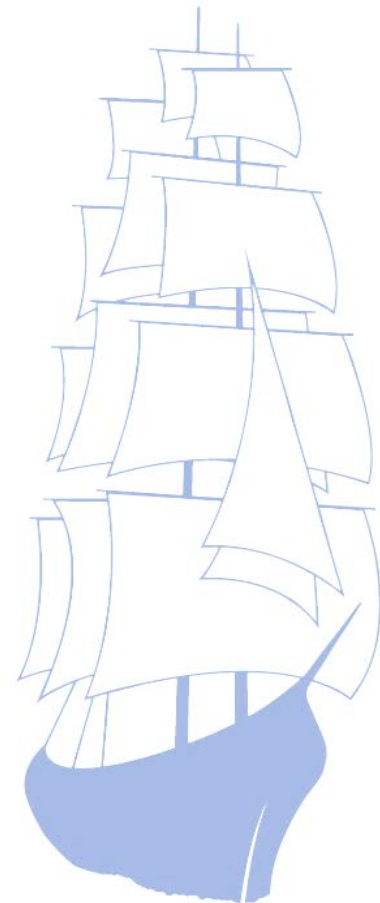


# Overview of the





**Maritime Information Services of North America (MISNA)** is a coalition of non-profit maritime information service organizations dedicated to providing information, communications and related services to ensure safe, secure, efficient and environmentally sound maritime operations.

- Alaska
- Vancouver, British Columbia
- Puget Sound, Seattle
- Portland, OR
- San Francisco, CA
- Southern California
- Houston, TX



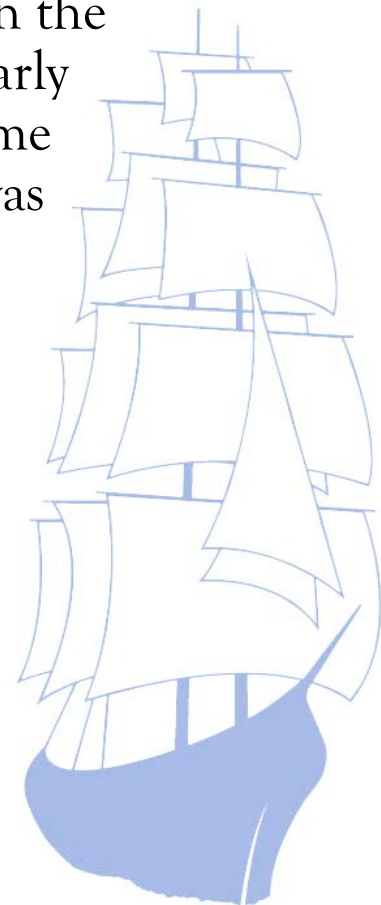
- New York/New Jersey
- Delaware River, Philadelphia
- Baltimore, MD
- Virginia
- Jacksonville, FL
- Louisiana
- New Orleans



## Merchants Exchange...

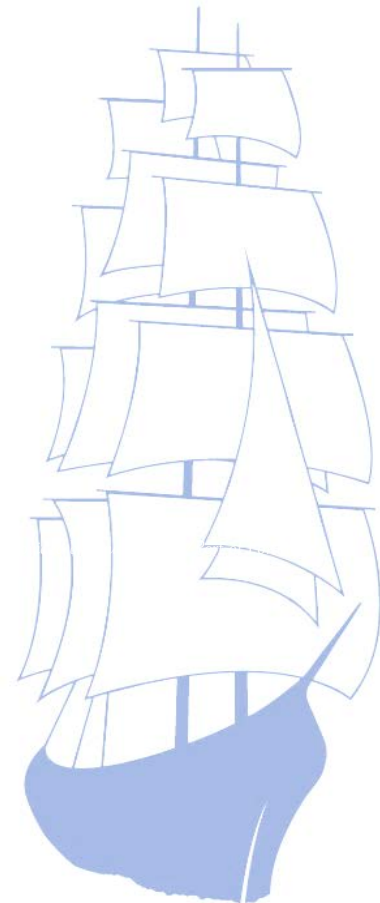


- 1879 Boss Shenck's Saloon, on the Portland waterfront, was an early gathering place for the maritime trade. News of ship arrivals was posted by patrons and the establishment became the birthplace of the Merchants Exchange.



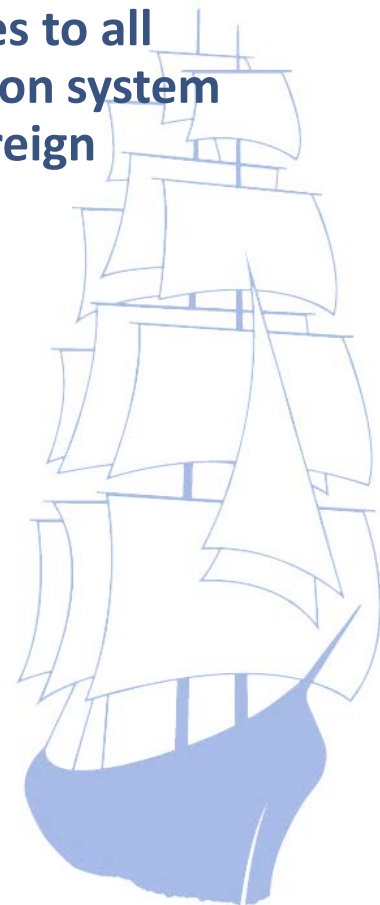
# Who is the Merchants Exchange?

- Maritime focus
- Non-profit
- Member based
- Fee for service



# Mission of the Merchants Exchange

**“To be the leading provider of information and related services to all stakeholders of the Pacific Northwest intermodal transportation system and to support related business interests for domestic and foreign commerce.”**



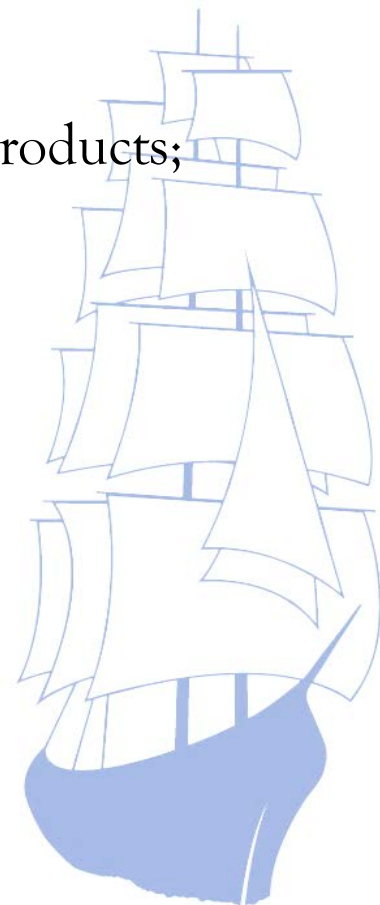
# Membership Categories

The Articles of Incorporation of the Merchants Exchange stipulates that parties in the Pacific Northwest who are involved in:

- Marine Transportation;
- The distribution of Pacific Northwest agricultural products;
- Related areas of domestic or foreign commerce are considered for membership.

## Current Members Include:

- Steamship Operators
- Admiralty Attorneys
- Customs Brokers
- Tug & Barge Companies
- Freight Forwarders
- Stevedores
- Ship Repair Services
- Port Authorities
- Terminals
- Trade Associations



# Administration... Marine Operations Services... Association Management...



# Products and Services

Vessel Tracking



Outreach &  
Community Service

Grant Management

Association  
Management

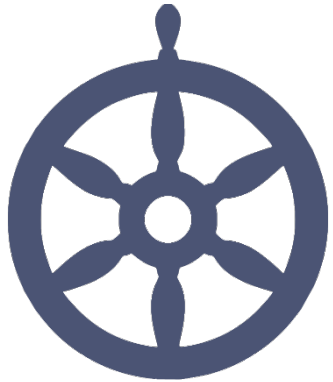
Information Collection  
& Reporting

Answering Service



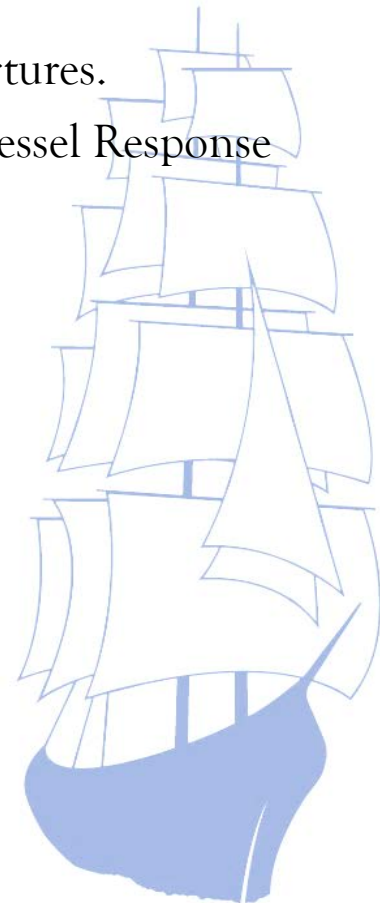


# Marine Intelligence



Vessel Tracking

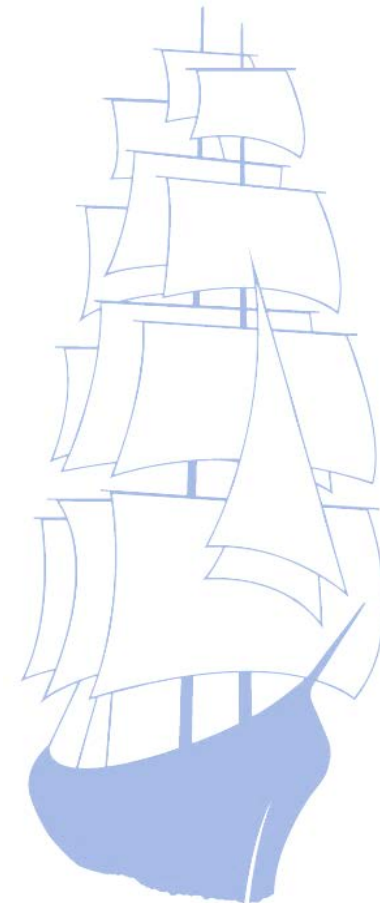
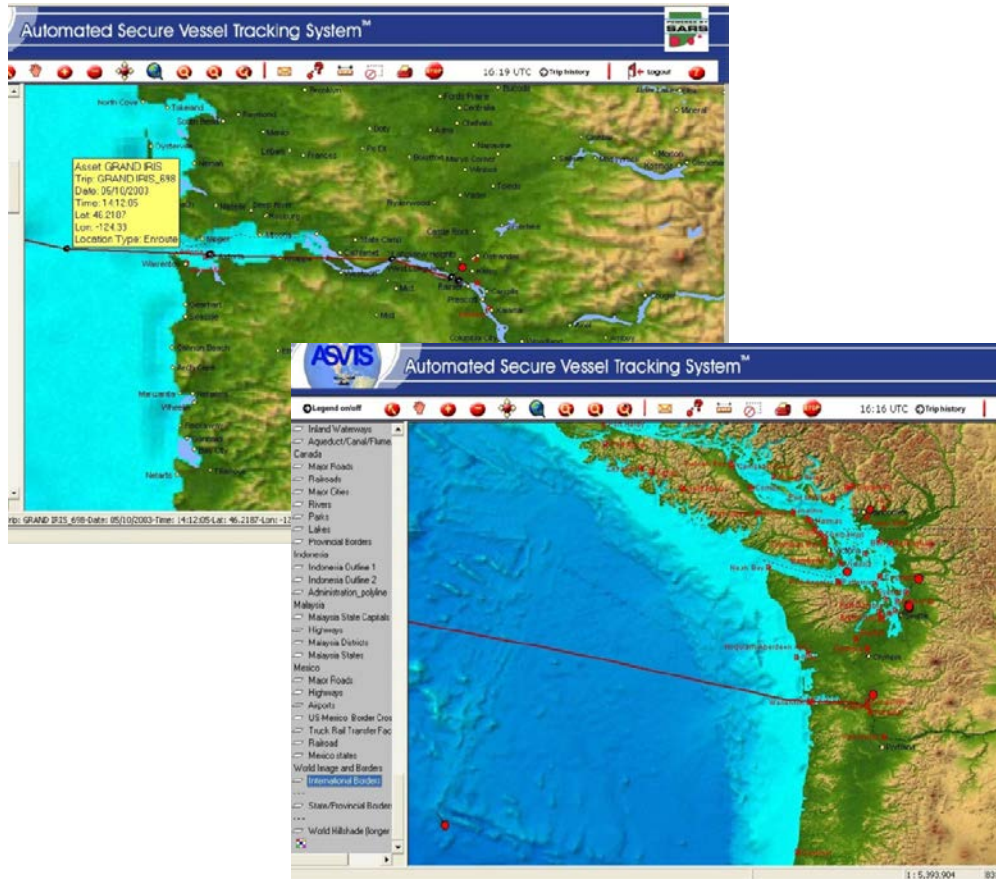
- Real Time tracking of vessel movement between Astoria and Portland.
- 96-hour advance notification of ship arrival and departures.
- Electronic filing of required documents with MFSA Vessel Response Plan.
- Data capture, database maintenance and archiving.



# Marine Intelligence



Vessel Tracking



# Reports and Publications

REAL TIME . . . HISTORICAL . . . SUBSCRIPTION . . . SPECIAL REPORTS . .



- Vessel Activity Report
- Ships by Location
- 4-Day Lightship Report
- Custom Reports Available
- Daily Grain Bulletin
- Bi-Monthly Newsletter

Information  
Collection  
& Reporting

Vessel Activity Report for 03/21/2011 (64: MDDT or MDDOTTT)

Keywords:  GO

Arrivals	Vessel	Last Port	Next Port	Berth	Light Ship	Leave Up	Row	ETA
	RAIN DYNAMIC	South Korea, Incheon	Astoria, OR	ANCHOR	06:00	08:45		07:45
	MAPLE GALAXY	South Korea, Ulsan	Vancouver, WA	2, BERTH 5	07:00	09:00		15:00
	GEORGIOS P	Australia, Kwinana	Longview, WA	CHINOOK	11:30	13:15		16:00
	PRINCESS ALIEL	Japan, Hakata	Astoria, OR	ANCHOR	14:00			15:00
	GENCO MARINE	Japan, Hakata	Astoria, OR	ANCHOR	18:00			19:00
	FLORIDA VOYAGER	Richmond, CA	Portland, OR	CHEVRON	22:00			01:00
	BARNECLEYS	China, Lianyungang	Longview, WA	ANCHOR	23:30			04:00

Harbor Move

Vessel	Last Port	Berth	Next Port	Berth	ETD	SET	ATD	ETA	ATA
MANNA	Kalama, WA	EXPORT	Kalama, WA	ANCHOR	04:30	05:10	05:30	05:30	05:30

Inter-Port Move

Vessel	Last Port	Berth	Next Port	Berth	ETD	SET	ATD	ETA	ATA
PORT ALICE	Astoria, OR	PIER 1 FACE	Longview, WA	BERTH 6	21:00	21:06	01:00		



JETTIES, LEVEES,  
DAMS & LOCKS



ALSO INSIDE...  
140th Anniversary Celebration | Open House & Bocce  
Tournament | Cargo Trends & Statistics

4 Day Lightship Report 03/21/2011 to 03/24/2011 **Arrival**

Keywords:  Sort By: Agent  GO

Report last updated on 03/21/2011 at 13:43.

Date: 03/21/2011

Vessel Name	Flag	From	Time	ETA	Designations
PRINCESS ALIEL	PANAMA	Japan, Hakata	14:00		Berth
Agent	0237892	UWINGWEN	Astoria, OR		ANCHOR

Vessel Name	Flag	From	Time	ETA	Designations
GENCO MARINE	China	Japan, Hakata	18:00		Berth
Agent	0125008	SHIVER TUG	Astoria, OR		ANCHOR

Vessel Name	Flag	From	Time	ETA	Designations
FLORIDA VOYAGER	UNITED STATES	Richmond, CA	22:00		Berth
Agent	0110930	FOSS TUG	Portland, OR		CHEVRON

Vessel Name	Flag	From	Time	ETA	Designations
HANINOLLIS	PANAMA	China, Lianyungang	23:30		Berth
Agent	0238898	FOSS TUG	Longview, WA		ANCHOR

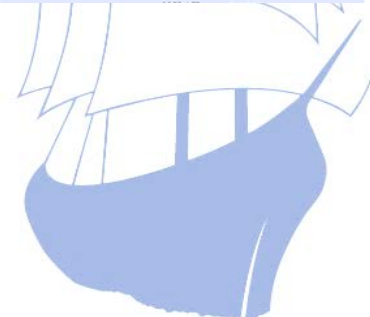
Report last updated on 03/21/2011 at 16:35.

Ship By Location

Keywords:  GO

(Keyword Searches: "ShipName", "Berth", "Agent", "Flag")

ShipName	Port	Berth	Arrival Date	Status	Agent	Flag	Lightship Date
ACE BULKER	Vancouver, WA	2, BERTH 1	03/16/2011 22:25	in port	PACIFIC NAV SHIP & CARPOO SERVICES (USA) INC	PANAMA	03/16/2011 11:30
AMALFI	Kalama, WA	EXPORT	03/21/2011 06:20	in port	CASCADE MARINE SERVICES	MARSHALL ISLANDS	03/08/2011 08:00
ANGELA	Portland, OR - BERTH 603		03/19/2011 05:35	in port	FRT2 MARITIME SERVICES	PANAMA	03/18/2011 19:00
BARGE CASCADES & TUG	Vancouver, WA - COLUMBIA INDUSTRIAL PARK		03/17/2011 14:40	in port	WESTERN OVERSEAS CORPORATION	UNITED STATES	03/17/2011 11:00
BARGE FOSS 348 P2	Portland, OR - FOSS TERMINAL		01/13/2011 15:15	in port	FOSS MARITIME	UNITED STATES	10/13/2010 02:00
BDC PLATA	Vancouver, WA - 2, BERTH 8		03/19/2011 20:40	in port	GENERAL STEVEDOR	ANTIGUA & BARBUDA	03/19/2011 12:00

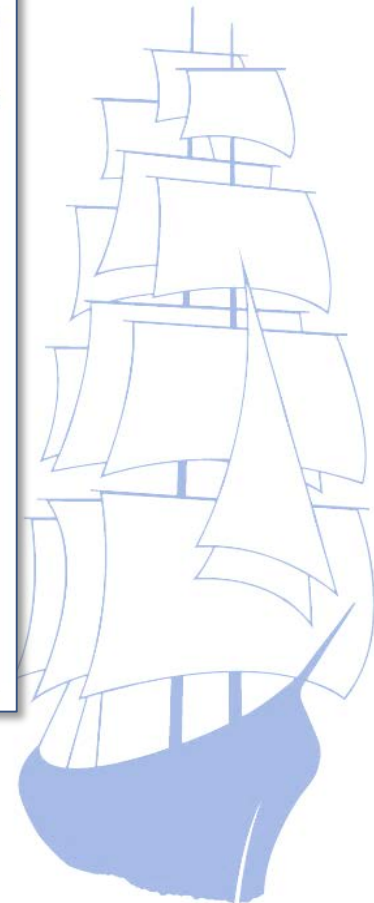
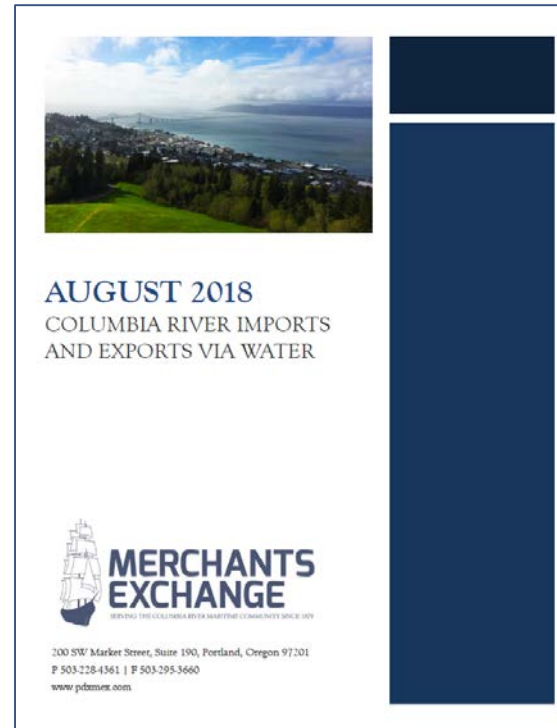


# Vessel and Cargo Statistics



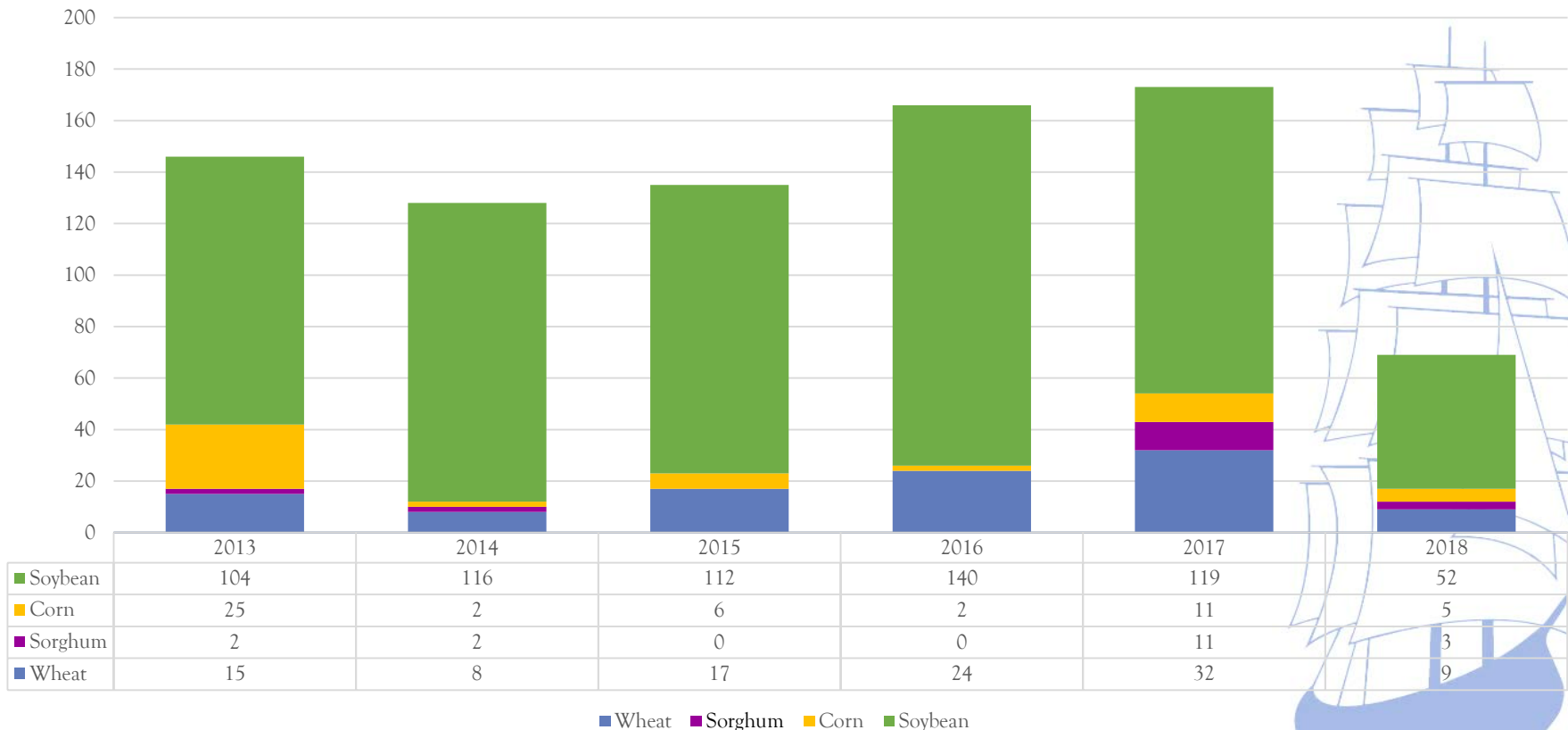
- Vessel Statistics
- Grain Statistics
- Cargo Statistics

Information  
Collection  
& Reporting

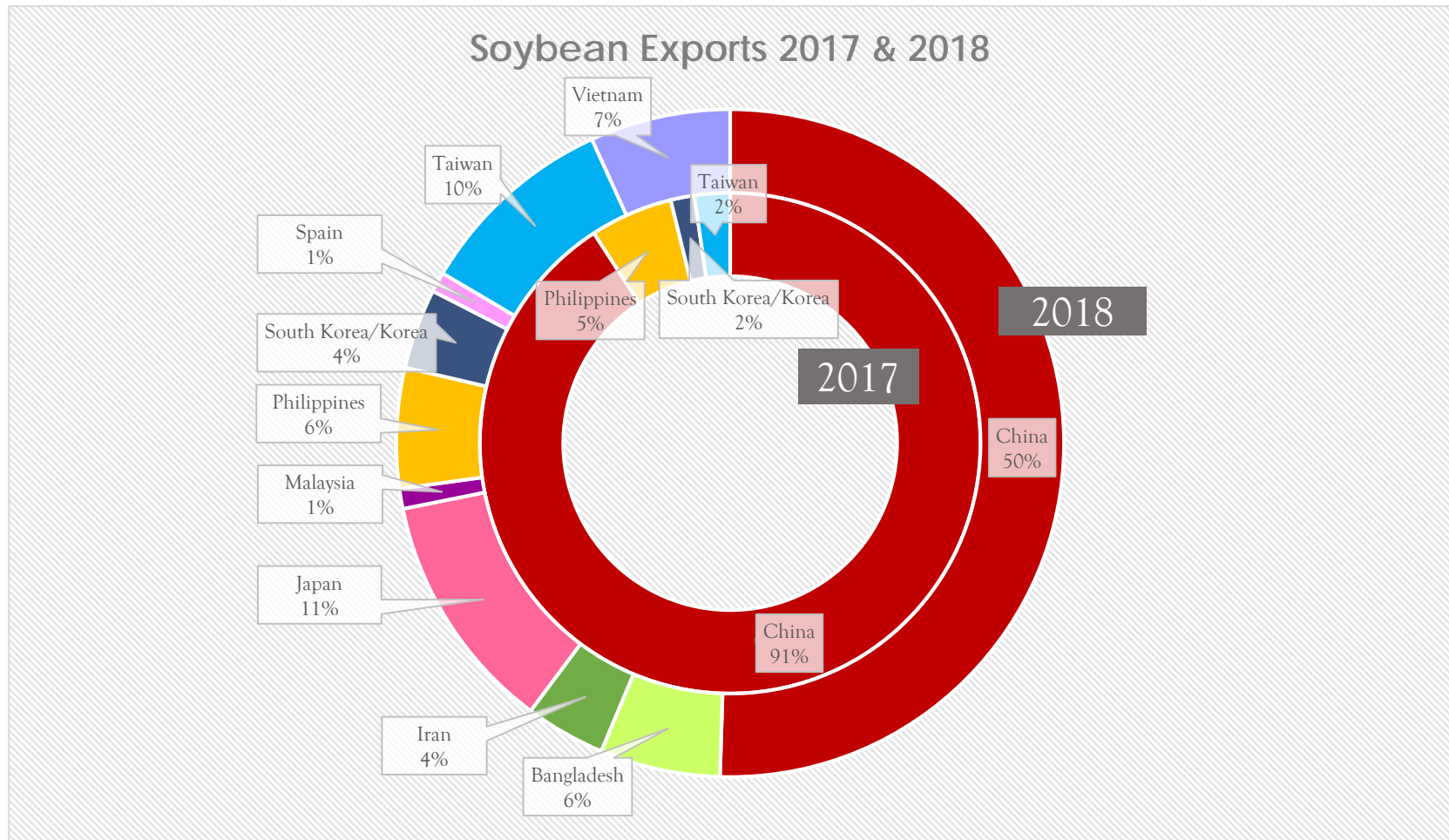


# Grain and Soybean Statistics

## Export Commodities to CHINA



# Grain and Soybean Statistics



# Associations

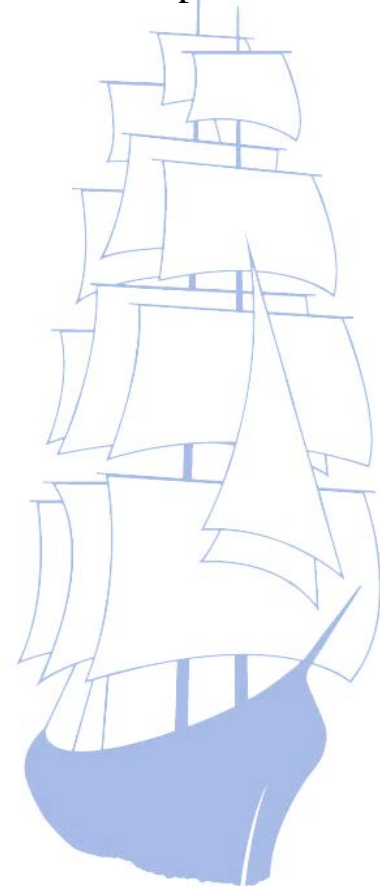


Association  
Management

- Provide Management & Specialized services to other non-profit maritime trade and professional associations for effective operation

Services may include:

- Executive
- Administrative and Financial Management
- Education and Professional Development
- Meetings Management
- Event Planning
- Marketing, Imaging and Branding

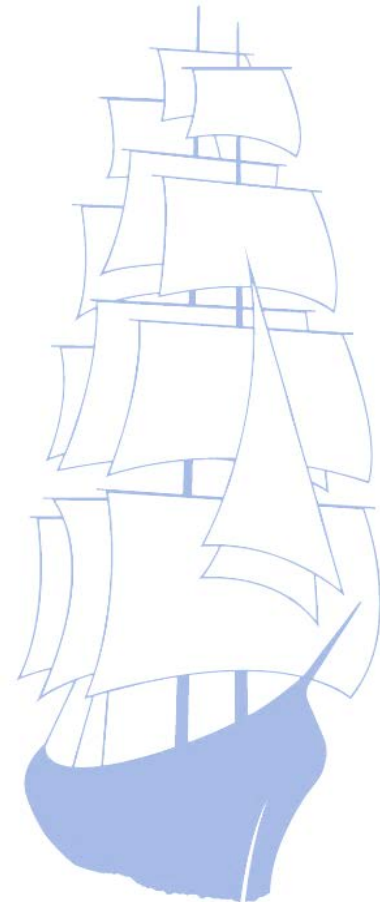


# Our Association Members



Association  
Management

- Clean Rivers Cooperative, Inc.
- Columbia River Customs Brokers & Forwarders Association
- Columbia River Shippers Association
- Columbia River Steamship Operators' Association
- Lower Columbia Region Harbor Safety Committee
- Maritime Commerce Club
- Maritime Fire & Safety Association
- Merchants Exchange Scholarship Fund
- Working Waterfront Coalition



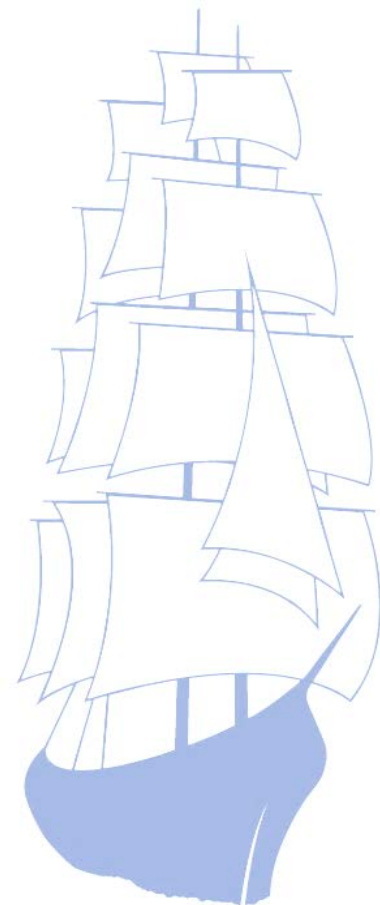


# Grant Management

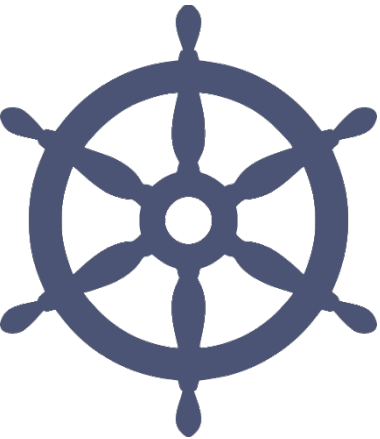


Grant  
Management

- Grant Writing
- Regulatory Compliance
- Regional Resource

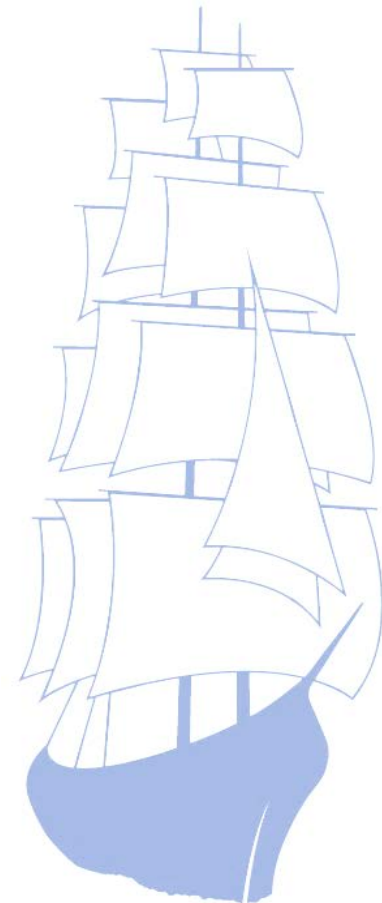


## Outreach & Community Service



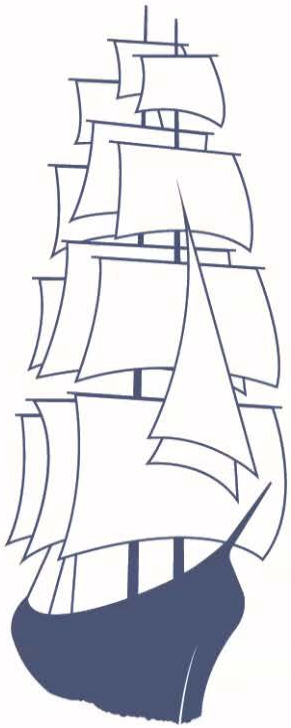
Outreach &  
Community Service

- Communication
- Participation
- Support
  - Education Series
  - Shipping 101, 201 & 202
  - Scholarship Fund
- Included as part of membership



# Marine Operations Services Dept.

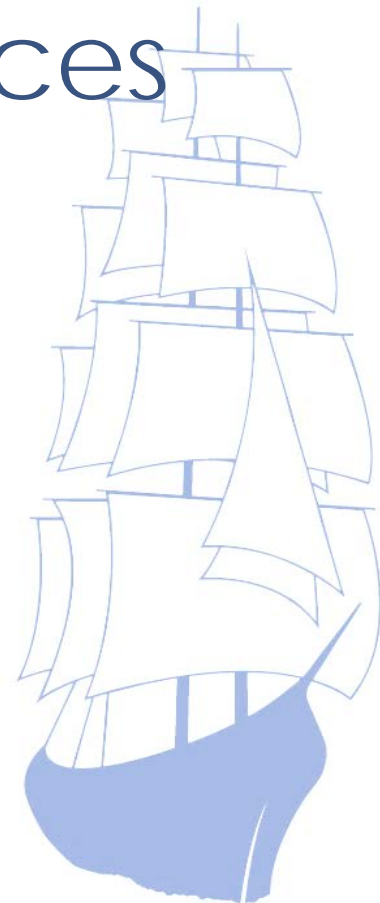
MarOps Virtual Tour



# MERCHANTS EXCHANGE

# Marine Operations Services Department *“MarOps”*

*Samantha Steerman,  
Marine Operations  
Manager*

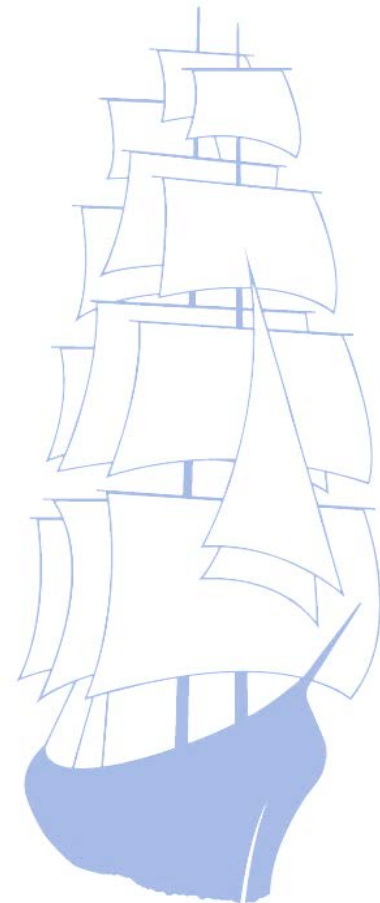


# MarOps @ Merchants Exchange

How we operate:

- **24/7/365 – zero exceptions!**
  - Four 12-hour dayside/nightside staff
  - One lead position (also provides back up, and vacation)
  - Assistant to office also helps us
  - MarOps Manager available as well to help keep department running

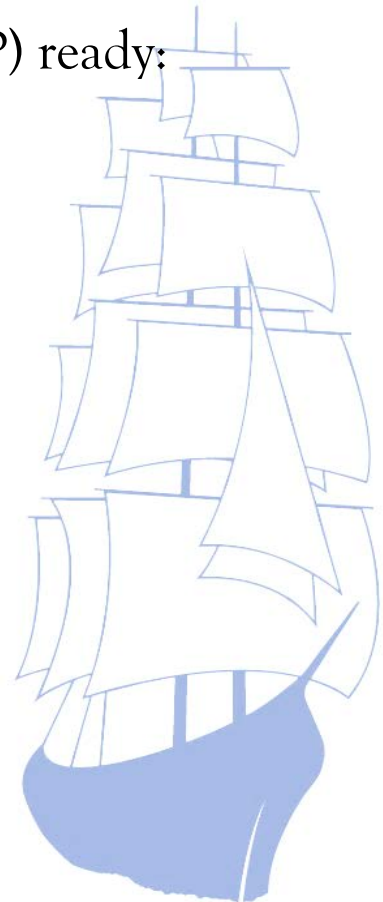
12-hour shifts are 1000-2200 (rotate on Wednesday)  
Staff works two 3 day and two 4 day workweeks each month



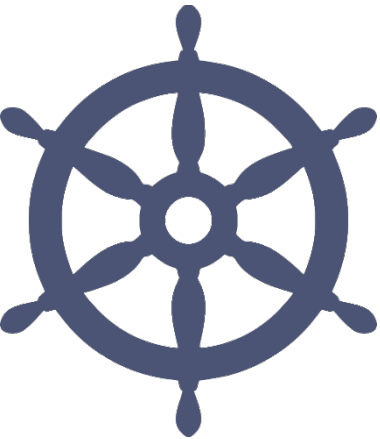
# Operational Readiness

Business Disaster Continuity and Recovery Program (BDCRP) ready:

- Back up mobile phones
- IP Addressable marine radio system
- Back up servers/co-location
- Emergency generator
- Back up laptops/emergency packs
- Can shelter in place if needed, or work remotely



# Business Continuity and Disaster Recover Plan (BCDRP)



Outreach &  
Community Service

Organization-  
wide  
Resiliency &  
Recovery

All Hazards  
Approach

Gap Analysis  
of Member  
& Industry  
Dependencies Guided  
Priorities

Regular  
Exercising

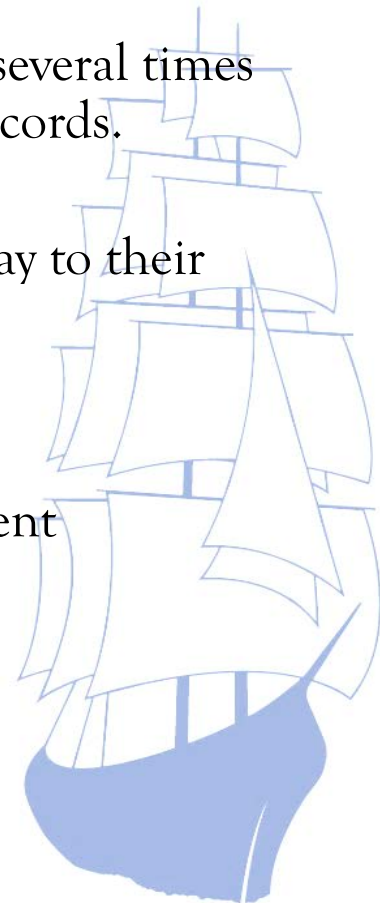
Grant  
funded  
Multi  
Agency  
Exercise



## What We Do:

What does an average day look like? What do we do?

- Receive information about set and potential vessel movements several times a day from the Columbia River Pilot dispatcher. Update our records.
- Receive and process MFSA NOAs
- Track/assist\* vessels from the mouth of the Columbia all the way to their destinations on the Columbia/Willamette Rivers (call outs)
- Call job sheet duties (unique to our area)
- Create/send reports based on vessel movement info
- Act as “Maritime 411” both with phone patching and vessel/agent information
- Answer incoming calls for our maritime answering services

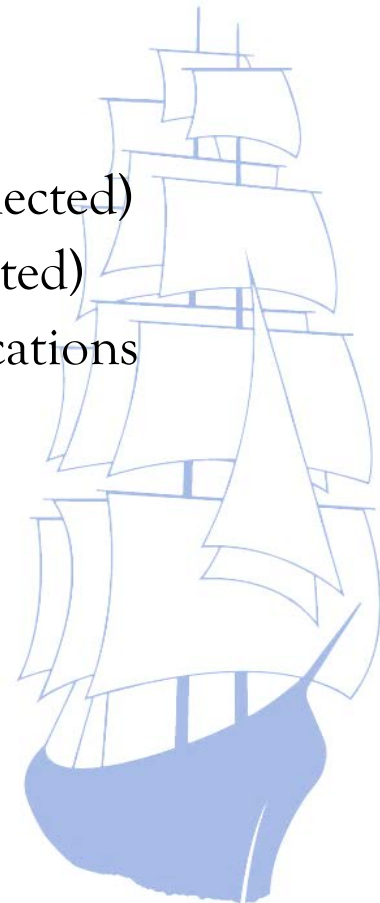




# Vessel Information



Vessel information data collection processes:

- 1) Receive MFSA NOA (ship information and general info collected)
- 2) Vessel arrives, leaves up from Astoria (times, locations collected)
- 3) Vessel proceeds to and arrives at destination (both times, locations collected)
- 4) Vessel sails (times and port info collected)



# MFSA Notice of Arrivals: Information Collection

- Agent information

<input type="button" value="⏪"/> <input type="button" value="⏴"/> <input type="button" value="⏵"/> <input type="button" value="⏩"/> <input type="button" value="⏹"/>		<input type="button" value="Comments"/>		<input type="button" value="Find Vessel Records"/>		<input type="button" value="Ship Card"/>		<input type="button" value="Current Ship Locations"/>							
Received Date:		03/24/16		Time:		12:12		Operator Initials:		GJC					
Vessel:		AVRA 9224984		24 Hour Number:		360-553-3920		Alt. Agent of Record:							
Agent of Record:		TRANSMARINE NAVIGATION CO.		Alternate Contact:				Contact:		TONY ANDERSON					
<input type="button" value="Edit Vessel"/>		<input type="button" value="Voyage Information"/>		<input type="button" value="Movement Information"/>		<input type="button" value="Miscellaneous Information"/>		<input type="button" value="WebANA Information"/>		<input type="button" value="Previous Ports of Call"/>		<input type="button" value="Additional Ports Of Call"/>			

Voyage Information			
	Date	Time	Estimate
Light Ship:	03/28/16	22:00	<input type="checkbox"/>
Leave Up:	03/29/16	00:15	
Astoria Anchor:	<input type="checkbox"/>		
LPOC Departure:	<input type="text"/>		
Last Port:	SOUTH KOREA, GUNSAN		
First Local Destination:	Kalama/Longview/Rainier		
Tugs:	SHAVER TUG		
	Date	Time	
Estimated Sailing:	04/02/16	23:59	
Away time:	04/02/16	23:55	
Down time:	04/03/16	06:35	
NextPort:	CHINA, TIANJIN		
Launch:	ANCHORAGE LAUNCH		
Stevedores:	UNITED GRAIN		

- Voyage and vessel information



### Vessel Information

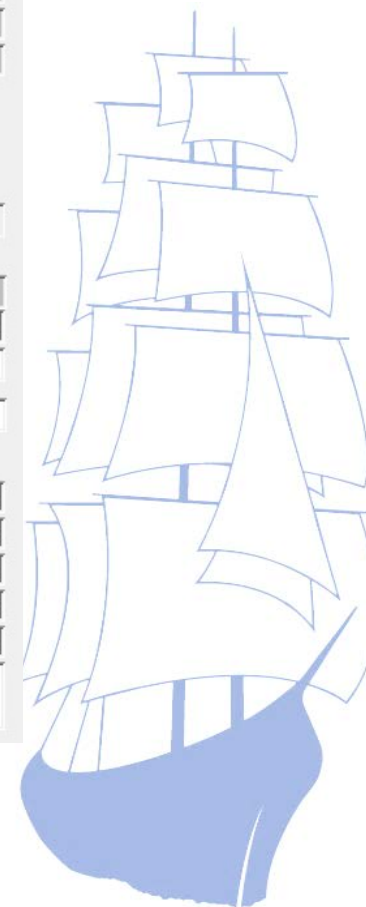
Lloyds Number:	9224984	Gross Tons:	40622.00	Length:	224.97	Tramp	<input type="checkbox"/>
Call Sign:	D5JJ6	Net Tons:	24975.00	Breadth:	32.25		
Official Number:	17118	Dead Weight:	75121.00	Draft:	14.17		
Registered Owner:	ALFOTRIN SHIPPING S.A.			MMSI:	636017118		
Registered Operator:	ALFOTRIN SHIPPING S.A.			Class. Society:	Det Norske Veritas		
Port of Registry:	MONROVIA			Ship Type:	BULK CARRIER		
Flag:	LIBERIA			P & I Club:	London		
				Total Fuel Capacity:	16007		

### MFSA Coverage Information

Oil Contingency Plan:	MFSA	Has Field Guide:	<input checked="" type="checkbox"/>	Send Field Guide:	<input type="checkbox"/>
Send Field Guide By:		Send Number:			
OSRD:	NRC	VRP Control Number:	18784		
QI Company:	Gallagher Marine Systems	Contact Name:	DAVID BARRY		
Phone 24 Hour:	+17036834700	Spill Management Team:	GALLAGHER MARINE SYSTEMS		
Name:	CARL BERTAPELLE	Company:	TALON MARINE SERVICES LLC	Position:	DISTRICT MANAGER
Binding Agreement:	<input checked="" type="checkbox"/>	Renew:	<input type="checkbox"/>	Renew Date:	

### Miscellaneous Information

MFSA Agent:	TALON MARINE SERVICES LLC	MFSA Contact:	CARL BERTAPELLE
CPA:		OPA:	
Outbound Agent:		Outbound Contact:	
MEX Billing:	TRANSMARINE NAVIGATION CO.	MFSA Billing:	TALON MARINE SERVICES LLC
DEQ Billing:	TRANSMARINE NAVIGATION CO.	CRSOA Billing:	TRANSMARINE NAVIGATION CO.
Notes:			



Vessel Name:	BLACK PEARL (9579743)		Voyage Number:	
Light Ship Date	08/11/19		Light Ship Time	11:00

---

Move Type:	HARBOR MOVE		Last Berth:	ANCHOR
Last Port:	KALAMA, WA		Berth:	EXPORT
Tugs Out:	NO TUGS		Launch Out:	ANCHORAGE LAUNCH
Next Port:	KALAMA, WA		Anchor On Arrival:	<input type="checkbox"/>
Tugs In:	FOSS TUG			
Launch In:	NO LAUNCH			
Stevedores:	KALAMA EXPORT			

	Date	Time	Call Job	Departure Set
Estimated Departure:	08/21/19	02:00	<input checked="" type="checkbox"/>	<input checked="" type="checkbox"/>
Actual Departure:	08/21/19	03:05		
River:			Pad Number	17050
Estimated Arrival:	08/21/19	03:15	Berth Designation	
Actual Arrival:	08/21/19	04:05		

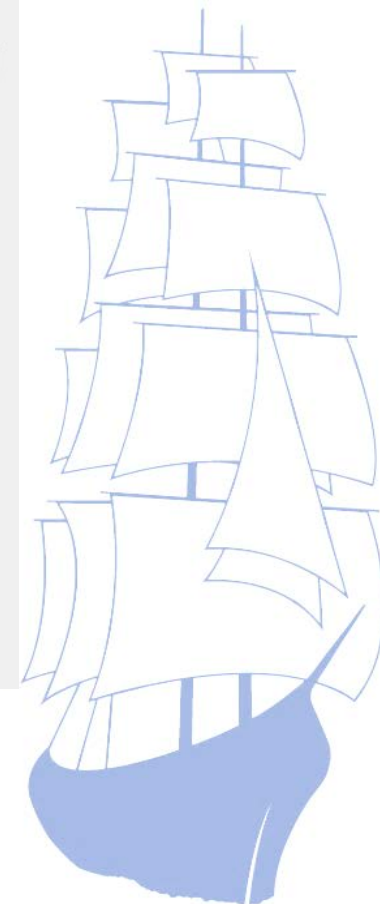
Remark:

	Petroleum Type:	Cargo Quantity:
Cargo Unloaded:	NO CARGO	
Cargo Loaded:	GRAIN	

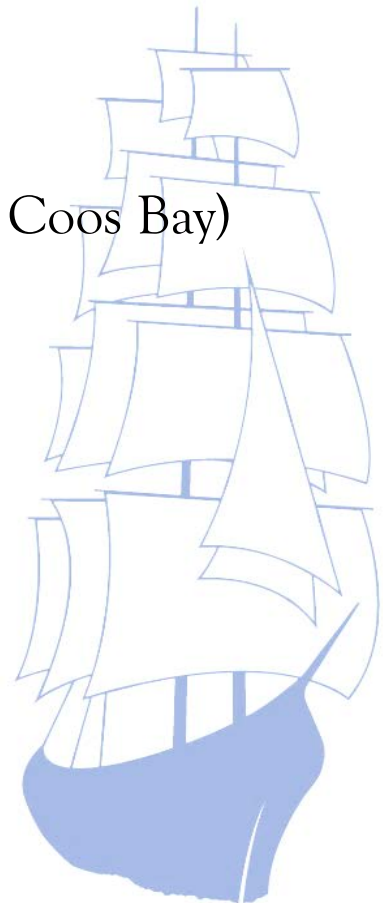
Total Petroleum Onboard:	0	Heaviest Fuel:	Bunker
Petroleum Tank Capacity:	0		
Fuel Capacity:	20303		



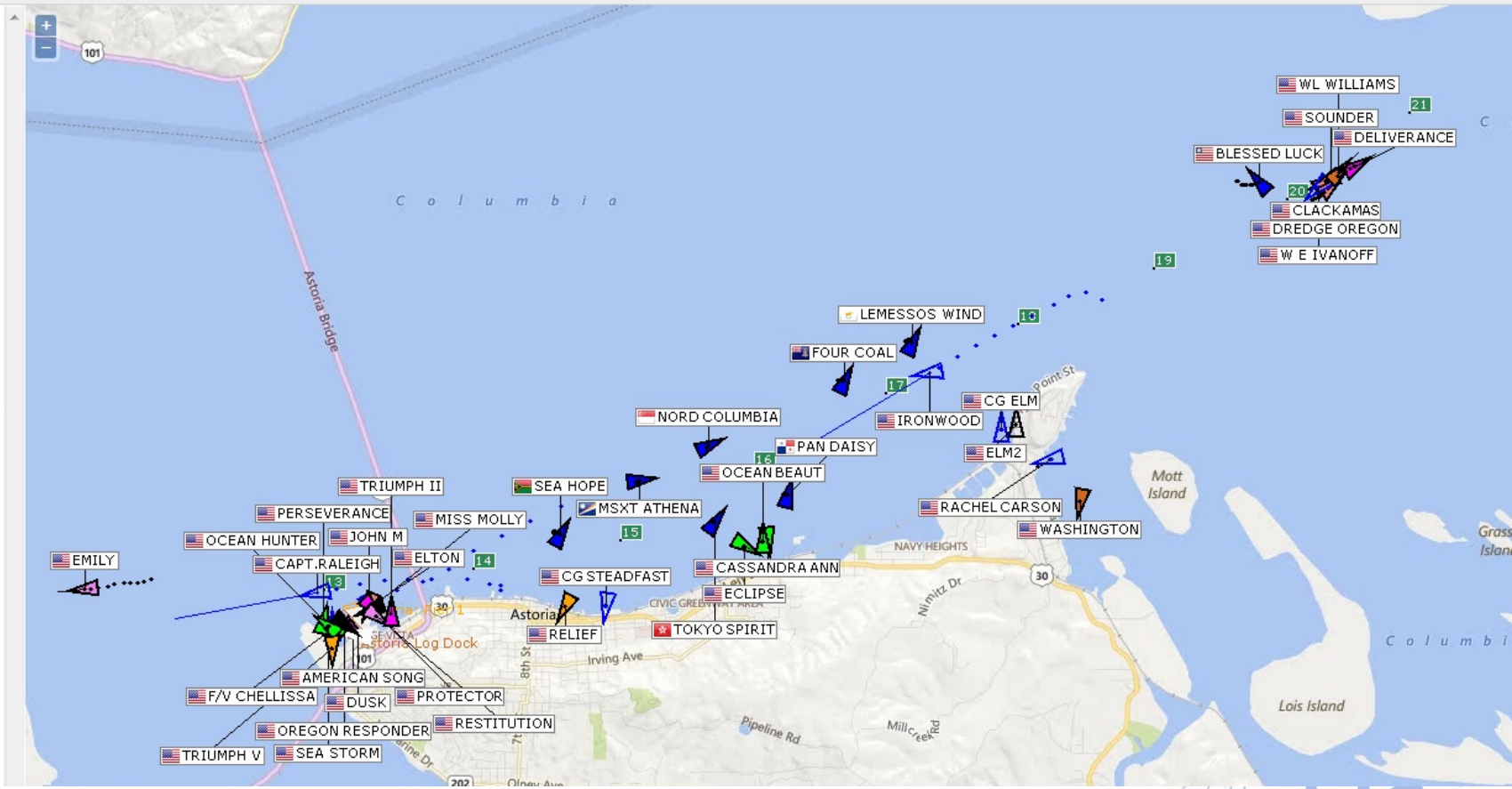
# Marine Room Tools

Tools available to us for vessel tracking/reporting:

- VHF radios with a “mighty powerful reach” (Victoria down to Coos Bay)
- Columbia River Pilots dispatch (phone, website)
- Email, phone, even text from the POB (Pilot On Board)
- AIS Tracking system



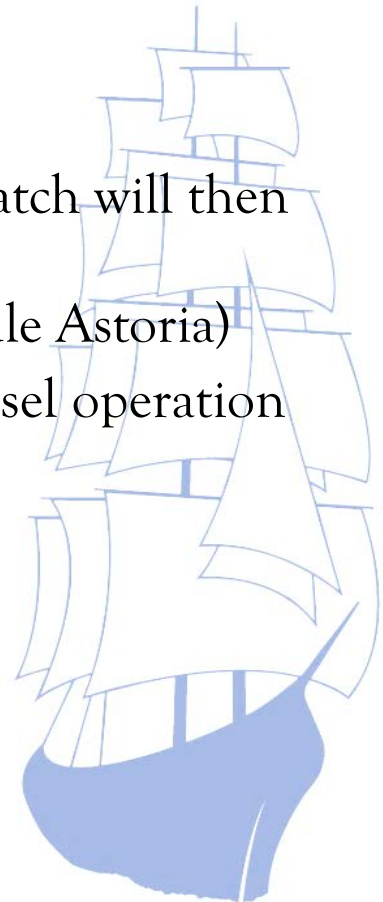
- AMERICAN SONG (2m)
- BLESSED LUCK (0m)
- CAPT.RALEIGH (0m)
- CASSANDRA ANN (2m)
- CG ELM (0m)
- CG STEADFAST (0m)
- CLACKAMAS (0m)
- DELIVERANCE (1m)
- DREDGE OREGON (0m)
- DUSK (0m)
- ECLIPSE (1m)
- ELM2 (55m)
- ELTON (0m)
- EMILY (0m)
- F/V CHELISSA (0m)
- FOUR COAL (0m)
- IRONWOOD (0m)
- JOHN M (0m)
- LEMESSOS WIND (1m)
- MISS MOLLY (0m)
- MSXT ATHENA (1m)
- NORD COLUMBIA (1m)
- OCEAN BEAUT (1m)
- OCEAN HUNTER (0m)
- OREGON RESPONDER (0m)
- PAN DAISY (2m)
- PERSEVERANCE (0m)
- PROTECTOR (2m)
- RACHEL CARSON (2m)
- RELIEF (0m)
- RESTITUTION (0m)
- SEA HOPE (4m)
- SEA STORM (0m)
- SOUNDER (0m)
- TOKYO SPIRIT (2m)
- TRIUMPH II (1m)
- TRIUMPH V (2m)
- W E IVANOFF (0m)
- WASHINGTON (2m)
- WL WILLIAMS (0m)



# Services Unique to the Columbia River

## CALL JOBS

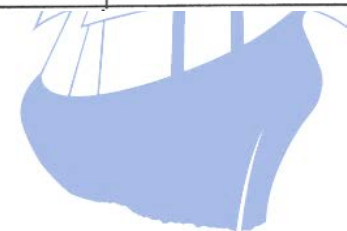
- “Call Jobs” are unique to the Columbia River.
- Any movements left “unset” by the Columbia River Pilot dispatch will then be turned over to us to dispatch after hours (1700-0800)
- Call jobs cover Astoria through Vancouver (but we don’t handle Astoria)
- High level of accuracy needed: the most “hands on” of our vessel operation duties



# Call Jobs

Example of our call job dispatch sheet

DATE	VESSEL NAME	EARLIEST TIME	DOCK	PILOT AMOUNT OF TIME PHONE NUMBER(S)	CALLER COMPANY TIME CALLED	SET TIME	REGULAR CALLS	Call ?	NAME & TIME	ANY OTHER CALLS
4/10/19	DESDEMONA	22:00	TMKAL TO SEA	BAIR, PAT	Al Jones ABC agency 1859	2200	TUGS	SH		Col Riv Launch
A				3 HOURS			LINES	Yes		Sigfridson (3)
				[REDACTED]			ASTORIA	Yes		
							PILOT	Yes		
4/10/19	PEACOCK	22:00	RA B2 TO TMKAL	BURROWS, DOUG	↓ auto	↓	TUGS	FO/SH		Ship Agent Joe Smith
A				3 HOURS			LINES	Yes		VHF Ship on 16
				[REDACTED]			ASTORIA	Yes		
							PILOT	Yes		
4/10/19	ADMIRAL BENSON	21:00	604 TO RA B2	BALENSIFER, MIKE	↓ auto	↓ 2100	TUGS	FO		
A				2 HOURS			LINES	Yes		
				[REDACTED]			ASTORIA	Yes		
							PILOT	Yes		
4/10/19	GLENMORAG	23:00	VAN 9 TO SEA	DEATON, BRET			TUGS	SH		
				2 HOURS			LINES	Yes		
				[REDACTED]			ASTORIA	Yes		
							PILOT	Yes		





# Maritime Answering Services

Maritime answering services for industry partners and members:

- Afterhours/weekends/holiday service provided
- Non regional service provided to Louisiana and Texas
- Maritime Industry 411: We have (most of) the info! Give us a shout!
- Emergency notifications for oil spill/ship fire response in house organizations

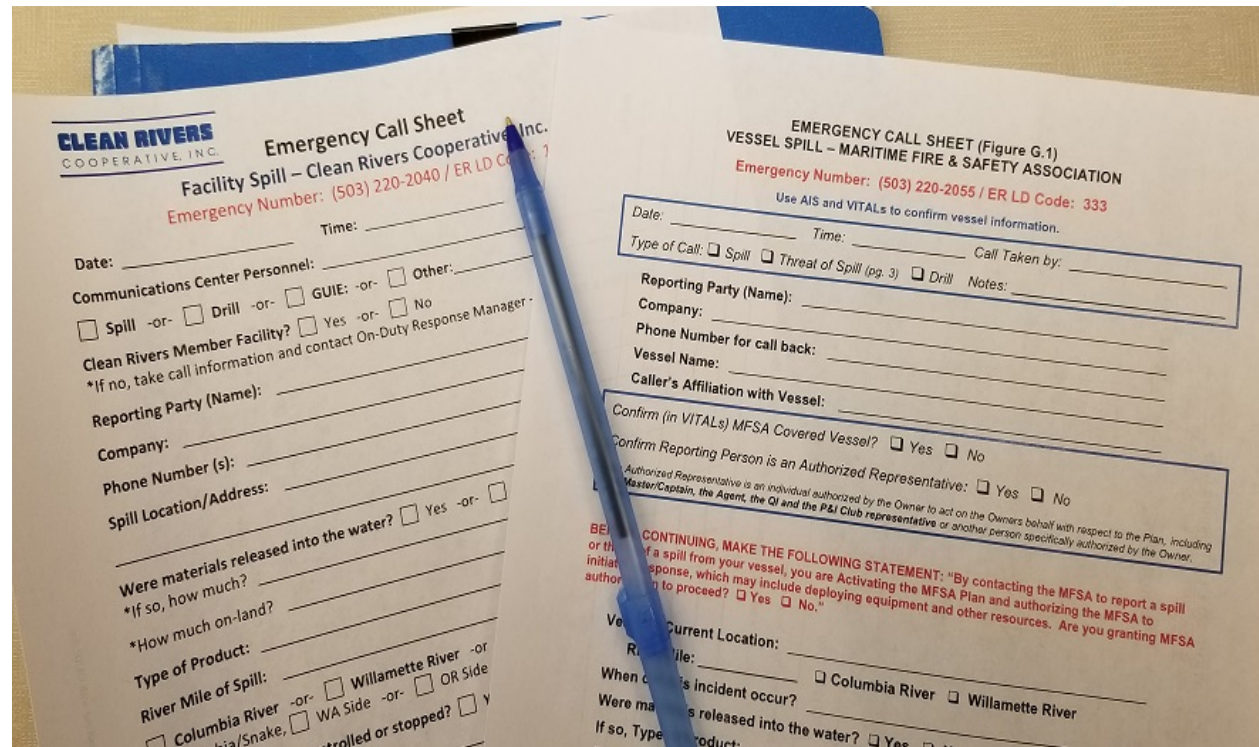


# Emergency Notifications for Vessel Fire & Spill Response

Through our partnership with Clean Rivers Cooperative and Maritime Fire and Safety Organization,

All MarOps Staff are:

- Drilled with various scenarios to maintain competencies
- ICS certified at least up to the 200 level



**CLEAN RIVERS COOPERATIVE, INC.** Emergency Call Sheet  
 Facility Spill – Clean Rivers Cooperative, Inc.  
 Emergency Number: (503) 220-2040 / ER LD Code: 333

Date: \_\_\_\_\_ Time: \_\_\_\_\_  
 Communications Center Personnel:  
 Spill -or-  Drill -or-  GUIE: -or-  Other:  
 Clean Rivers Member Facility?  Yes -or-  No  
 \*If no, take call information and contact On-Duty Response Manager  
 Reporting Party (Name): \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Phone Number (s): \_\_\_\_\_  
 Spill Location/Address: \_\_\_\_\_

Were materials released into the water?  Yes -or-  No  
 \*If so, how much? \_\_\_\_\_  
 \*How much on-land? \_\_\_\_\_  
 Type of Product: \_\_\_\_\_  
 River Mile of Spill: \_\_\_\_\_  
 Columbia River -or-  Willamette River -or-  
 Columbia/Snake,  WA Side -or-  OR Side  
 Controlled or stopped?  Yes  No

**EMERGENCY CALL SHEET (Figure G.1)**  
**VESSEL SPILL – MARITIME FIRE & SAFETY ASSOCIATION**  
 Emergency Number: (503) 220-2055 / ER LD Code: 333  
 Use AIS and VITALs to confirm vessel information.

Date: \_\_\_\_\_ Time: \_\_\_\_\_ Call Taken by: \_\_\_\_\_  
 Type of Call:  Spill  Threat of Spill (pg. 3)  Drill Notes: \_\_\_\_\_  
 Reporting Party (Name): \_\_\_\_\_  
 Company: \_\_\_\_\_  
 Phone Number for call back: \_\_\_\_\_  
 Vessel Name: \_\_\_\_\_  
 Caller's Affiliation with Vessel: \_\_\_\_\_

Confirm (in VITALs) MFSA Covered Vessel?  Yes  No  
 Confirm Reporting Person is an Authorized Representative:  Yes  No  
Authorized Representative is an individual authorized by the Owner to act on the Owners behalf with respect to the Plan, including Master/Captain, the Agent, the QI and the P&I Club representative or another person specifically authorized by the Owner.

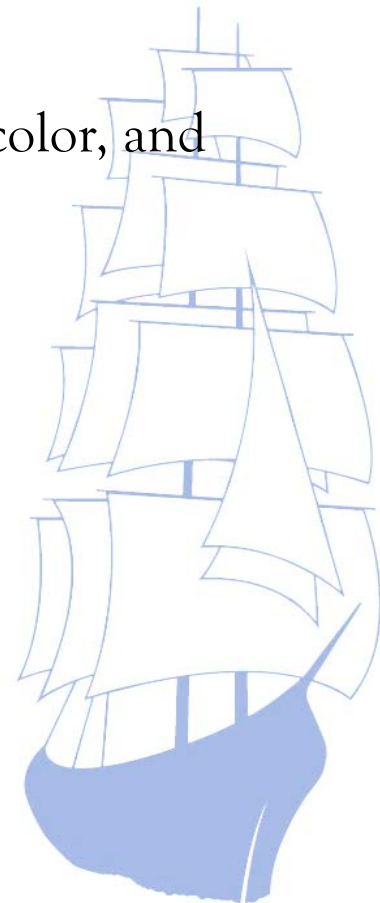
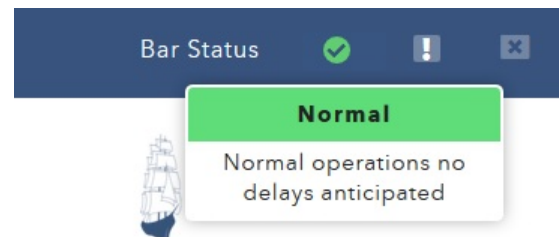
**BEFORE CONTINUING, MAKE THE FOLLOWING STATEMENT:** "By contacting the MFSA to report a spill or the initial response, which may include deploying equipment and other resources. Are you granting MFSA authority to proceed?  Yes  No."

Vessel Current Location: \_\_\_\_\_  
 River Mile: \_\_\_\_\_  
 When did the incident occur?  Columbia River  Willamette River  
 Were materials released into the water?  Yes  No  
 If so, Type of Product: \_\_\_\_\_

# Columbia River Bar Status Reports

Bar Status closures:

- We keep track of closure occurrences (when they occur, what color, and how many times)
- We notify our industry partners of these closures
- Can result in many call jobs (weather dependent)
- Sign up for notifications via Merchants Exchange website



# QUESTIONS?

Liz Wainwright, Executive Director  
[wainwright@pdxmex.com](mailto:wainwright@pdxmex.com)  
503-228-4361  
[www.pdxmex.com](http://www.pdxmex.com)

Samantha Steerman, Marine Operations Manager  
[steerman@pdxmex.com](mailto:steerman@pdxmex.com)  
503-220-2090  
[www.pdxmex.com](http://www.pdxmex.com)

