Information is Everything

Marine Exchange of Puget Sound

John Veentjer

Executive Director, Puget Sound Marine Exchange
Past President, Maritime Information Services of North America
A non-profit organization established to serve the Northwest Washington maritime community by providing certain information, communications and services to ensure safe, secure, efficient and environmentally responsible maritime operations.
Marine Exchange of Puget Sound

Board of Directors (2014)

• Officers
  – President           Gordon MacLean LSI
  – VP                  Jack Harmon, Arrow Launch
  – Treasurer          Vince O’Halloran SUP

• Board Members:
  – Chris Bush         Westwood Shipping Lines
  – Scott Hoggarth     Crowley Marine Services
  – RADM John Lockwood  Vigor Shipyards
  – Max Furer          Hapag Lloyd
  – Monte Crowley      Foss Maritime
  – Joseph Tabisola    General Steamship
  – Jon Fife           Fife Maritime
  – Kevin King         Wilhelmsen
  – Capt. Eric Von Brandenfels Puget Sound Pilots
Services we provide:

• Monitoring and tracking of deep draft vessels.
• Information on shipping activities in the Puget Sound and Grays Harbor.
• Answering Services.
• Administrative services to various maritime organizations, e.g., Harbor Safety Committee, Washington State Maritime Cooperative, etc.

Information is Everything
Services (continued):

- Manage the West Seattle Buoys
- Statistical Reports
- Serve on the Olympic Coast National Marine Sanctuary Advisory Committee
- Serve on the Area Maritime Security Committee (AMSC)
- Industry representative on Northwest Association of Networked Ocean Observing Systems (NANOOS)
- Member Maritime Information Services of North America and National Association of Maritime Organizations

*Information is Everything*
Monitor Vessel Movements

- 24 hour/7 day watch
- Monitor status of vessels from projected arrival to arrival to departure
- Collect information from various sources, e.g., operators schedules, agents, pilots, CG VTS, etc.
- Inform member/customers with need to know
- Extensive database of vessel activity
Maritime Information Services of North America

A coalition of marine exchanges all of which are non-profit maritime organizations established to provide information, communications and services to ensure safe, secure, efficient and environmentally sound maritime operations.
Maritime Information Services of North America (MISNA)

Alaska
Vancouver, B.C.
Seattle
Portland
San Francisco
Southern California
New Orleans
Houston
New York/New Jersey
Philadelphia
Baltimore
Hampton Roads
Jacksonville
Coast Guard and other agencies

Small Passenger Vessels

Trampers & Bulkers

Container

Cruise Ships

Ports and Terminals

Tugs and Barges

Fishing

MISNA
Customers and Clients

Tankers

Ferries

Cruise Ships

Coast Guard and other agencies
Marine Exchange’s Governmental Customers

- Customs and Border Protection
- Office of Naval Intelligence
- U.S. Coast Guard
- Maritime Administration
- Ports and States
- National Oceanic and Atmospheric Administration
Tracking Systems

- **AIS (Automatic Identification System)**
  MISNA has developed a AIS network presently comprised of over 200 receiving sites and tracking over 3,000 vessels daily.

- **LRIT (Long Range Identification and Tracking)**
  MISNA system has been using satellite comms systems to track vessels for 6 years.
200+ MISNA Sites Operational
Approximately 250,000 sq miles of MDA
MISNA Vessel Tracking
North America AIS and LRIT
200+ AIS Sites - 3,000+ vessels daily
“Watchdog Alerts” by email give notification of entry and departure from defined areas such as the ATBA.
Olympic Coast National Marine Sanctuary Area to be Avoided (ATBA)
History Track
Start : 1st August, 2007 00:00
End : 30th September, 2007 23:59
Empress of the North – 01:29:57 Local Time
Course: 254  Spd:  12.3   Rate of Turn: 0 deg/min

Replay capability allows review of incident trackline specifics
Empress of the North – 01:30:28 Local Time
Course: 233  Spd: 9.2  Rate of Turn: 720 deg/min-left

Point and Time of Impact
MARINE EXCHANGE OF PUGET SOUND

100 WEST HARRISON, SUITE S 560
SEATTLE, WA 98119

TEL: 206 443 3830        FAX: 206 443 3839

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CAPTAIN JOHN VEENTJER
U.S. COAST GUARD, RETIRED
EXECUTIVE DIRECTOR

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