

Aleutian Islands –Alaska

Emergency Towing Systems

September 1, 2009

AIRA Advisory Panel Meeting

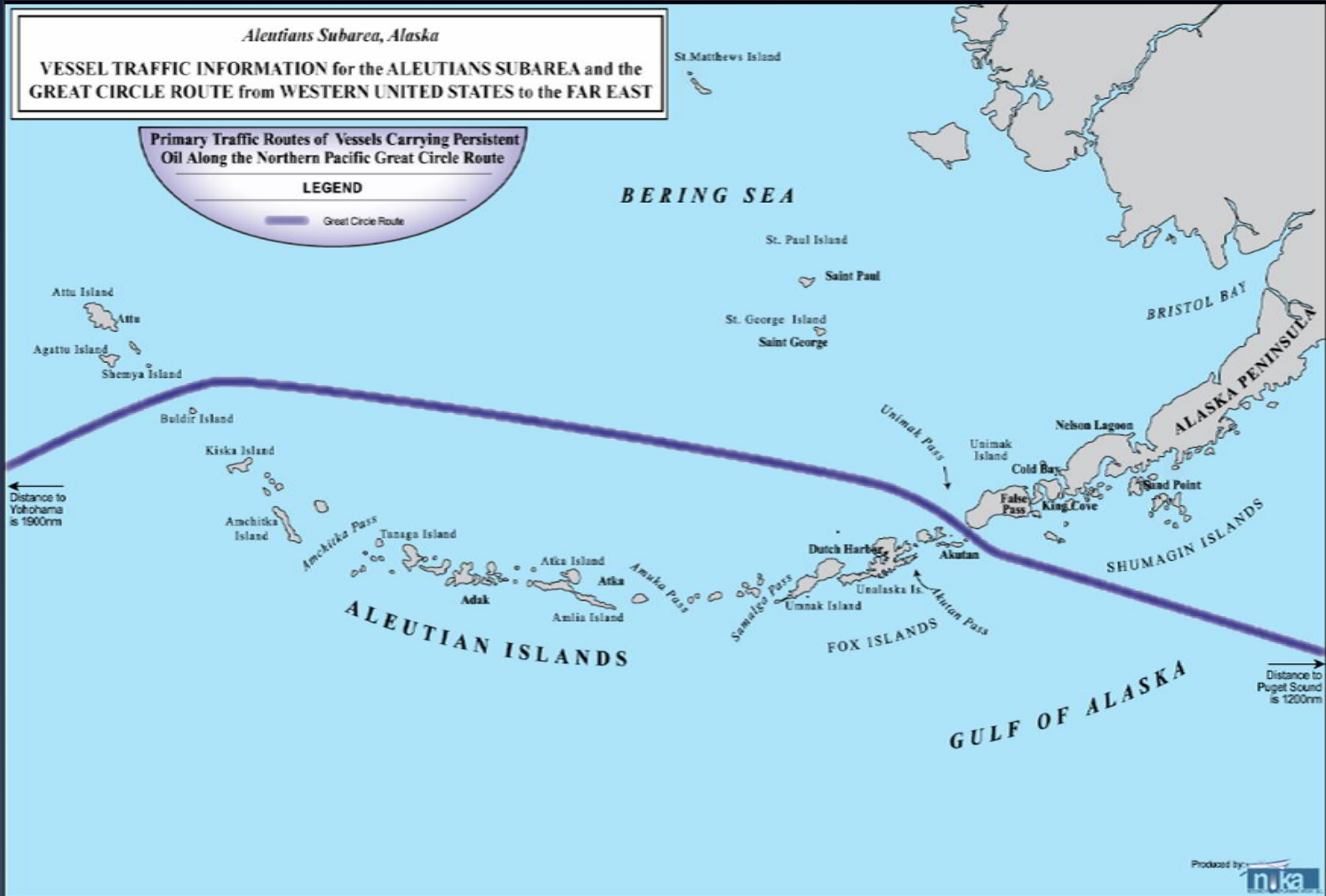
Unalaska, Alaska



Selendang Ayu

Background

- * 2007 Near grounding M/V Salico Frigo (March)
- * Mayor of Unalaska convened a Workgroup
 - * Develop emergency towing capability locally
 - * Purchase of equipment
 - * Development of Procedures Manual
 - * Training Video
 - * Annual Training & Equipment Inspection



Aleutians Shipping Route - Unimak Pass

Vessel Traffic Statistics

- **4,470 large commercial vessel transits through Unimak Pass in 2007:**
 - 3,580 vessels westbound (85%)
 - 890 vessels eastbound (15%)
 - 3,130 vessels bound to/from U.S. ports (70%)
 - 1,340 vessels bound to/from Canadian ports (30%)
- **Number of transits of vessels involved in local trade tracked in and around Unimak Pass in fiscal year 2007: 1,720 (1,435 fishing vessels , or 80 percent of the total)**



Emergency Towing System Components



**600' x 7/8" Spectra
Messenger Line**

**Lighted Pick-up
& Thimble Buoy**



Line Gun

Components

Ship's End



Tug's End



500' by 7" Plasma Towing Line



Packing



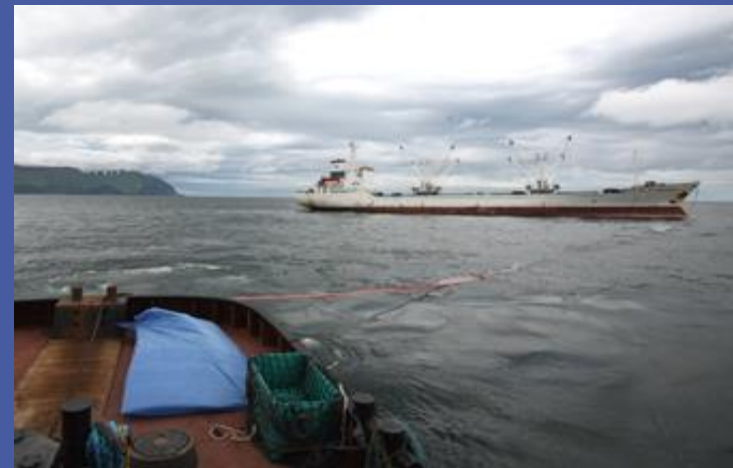
Deployment



Ship to Tug



Ship to Tug



Ship Hauling



Tug to Ship Deployment

ETS Training & System Expansion

- * May 2008- IMO Regulation Revision require all ships to carry emergency towing procedures, towing arrangement, equipment inventory, means of communicating
- * August 2008 Aleutian ETS Training
 - * Update Procedures Manual
 - * Tandem Tow Tactic
- * October 2008- ETS System staged in Kodiak
- * September 2009 Aleutian ETS Training



Questions?