Special Focus on Winter Operations
Tesoro Maritime Company

CIRCAC Board of Directors Meeting
December 3, 2010
Kenai, Alaska

Why the special focus?

- Freezing temperatures and surface ice will historically impact marine operations from about December through March.

It’s not always like this.

Sometimes it’s like this.

And this.

And this.

And this.

And this.

Why the special focus?

- There have been problems.

Chesapeake Trader - Feb. 1999

Barge Energizer – Jan. 2000

Seabulk Pride – Feb. 2006

What have we done?

- Double hull tankers in Alaska since 1999.
  - First OPA-90 DH tankers in Alaska.
- Four new OSG DH tankers now in Alaska.
  - Built 2009 – 2010.
- Tug Vigilant on time charter.
- Mooring Load Monitoring System/Upgraded.
- Operational limitations.
  - Seabulk, SWAPA, Tesoro developed.
  - USCG Operating Procedures for Ice Conditions.

What have we done?

- More accurate current predictions.
- Ice Mate.
- Ice Scout.
- Over Flights.
- Declaration of Ice Conditions.
- Training.
  - Dock PIC Training.
- Pre-Winter Meeting. (October 27, 2010)

Pre-Winter Meeting

- Coordinated & hosted by Tesoro
- October 27th @ Kenai Visitor's Center
- 37 attended
  - U.S. Coast Guard
  - ADEC
  - CIRCAC
  - SWAPA (Southwest Alaska Pilots)
  - OSG America
  - Crowley
  - ALAMAR (Alaska Maritime Agencies)