Arctic Operations Update
For
ADAC Annual Meeting

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AS17 Highlights

ARCTIC SHIELD 2017

Shoreside Ops
- Inspections
- Training
- Exercises
- Community Relations
- Education/Outreach

AS17 Highlights

Utqiagvik (Barrow)
St Paul
St George
Kotzebue (FOL)
Fairbanks
Nome
Bethel
Unalaska
Savoonga
Hooper Bay
Dillingham
Bering Sea Cutter w/ H65 (Year Round)
Arctic Traffic Update

Vessels in D17 Arctic Area of Interest

- Cruise Ships
- Unknown
- Govt
- Research Science
- O&G Research
- Adventurers
- Tankers
- Bulk (Red Dog)
- Tugs
- Cargo


Values: 120, 130, 190, 250, 240, 250, 300, 290, 260
Traffic Projections

2025 U.S. Arctic Vessel Activity Projections

Vessels and Transits for the U.S. Arctic

- **Vessels**
  - Without containers
- **Transits**
  - Without containers
  - With containers

**2013 Baseline**
**2025 Low**
**2025 Medium**
**2025 High**
Arctic Traffic - Trends
IUU Activity

RBG detained on 26 Jan

Extended Mast

Poor condition typical of IUU

C-230 T, S-10Kts on 21 Jan
Persistent Capability Gaps

MDA:
• Collect – sensors, networks
• Fuse - COP
• Analyze – predictive decision support tools
• Disseminate – customized output

Oil spill response – mapping, collection in ice, logistics

MRO capacity and tools

Effective presence - ice capable vessels, persistent surveillance/unmanned systems, comms (civ/mil), adaptable FOLs, shoreside presence (inspections, training, planning, SA)