

VOYAGE PLAN

MARINE SERVICES PROVIDER TRANSITION

Spring 2018 Update

Resource Development Council
April 5, 2018





SERVS MISSION






To maintain a constant state of readiness to assist tankers in the safe navigation through Prince William Sound and to provide oil spill response services to the TAPS Marine Oil Shippers, Valdez Marine Terminal and Pipeline in accordance with oil spill response agreements and plans.

TRANSITION GUIDING PRINCIPLES



COMMITMENT AND VALUES

-  Ayeska will uphold its obligation to protect the environment, culture and resources of Prince William Sound during and beyond the fleet/contract transition.
-  Ayeska commits to moving oil safely through spill prevention, with zero incidents and immediate, effective response if necessary.
-  Ayeska respects the value of transparent partnerships with its Prince William Sound area regulators and stakeholders, many of whom live within its unique communities and environment.



TRANSITION OBJECTIVES

- Flawless operational, safety and environmental performance during transition and beyond
- New ECO vessels meet/exceed current fleet
- Compliance with regulatory requirements



FLEET FACTS

- 4 new general purpose tugs
- 5 new escort tugs
- 1 existing utility tug
- 4 new oil spill response barges

ALL standard design,
purpose-built for work in
Prince William Sound

Escort Tugs

- 20% more power, wider beams, automated control systems
- Standard designs provide more fleet and crew flexibility
- Better operational safety
- Weatherization upgrades: higher bows, heated decks
- Modern electronics
- Constant tension winches

Commander in Port Valdez
March 2018



Elrington in Port Valdez
March 2018



General Purpose Tugs

- More maneuverable design
- Standard design for greater fleet flexibility
- Modern electronics
- Constant tension tow winches
- Exceeds escort towing ability of current fleet

Oil Spill Response Barges

- World's largest purpose-built response barges
- Clean decks for safer work
- Deluge pumps for snow removal
- State-of-the-art disk skimmers
- double open water skimming efficiency
- Improved living quarters





**Five new Escort Work Boats
built by Bayweld in Homer**



Formal crew training began in October

- Monthly classes through May
- 68 hours classroom per person – 10,000+ hours
- 12 hours hands-on per person – 2,000+ hours
- APSC monitors ECO instruction, support as needed
- Major exercises in PWS already underway
- ADEC, Coast Guard, RCAC observing training/exercises



TAPS quiz

ECO has operations experience in ...

- A) Antarctica
- B) Alaska
- C) The North Sea
- D) All of the above

TAPS quiz

ECO mariners will have _____ collective hours of Alyeska/PWS-specific training this year.

- A) ~1,000
- B) ~5,000
- C) ~15,000
- D) ~20,000

TAPS quiz

The average incoming ECO captain has ___ years of experience.

- A) 2
- B) 7
- C) 17
- D) 26

TRAINING/EXERCISES HIGHLIGHTS



- Ride-alongs last winter on Crowley tugs
- Already more than 30 tether/tow exercises
- Crucial barge deployments with fishing vessels
- Two more vessels en route to Valdez; begin exercises upon arrival
- Multiple captains participating in exercises
- Bridge coordination training at AVTEC simulator



EXTERNAL CONVERSATIONS

- Heavy weather training
- ECO safety performance
- Regulatory engagement
- ANUA commitment



TAPS Throughput

Daily average 2015: 508,446 bbl.

Daily average 2016: 517,868 bbl.

Daily average 2017: 527,323 bbl.



Two consecutive years of increased throughput



January 1-March 31, 2017: 558,578 bbl.

January 1-March 31, 2018: 546,999 bbl.

Maintenance and Integrity Management



TAPS quiz

Total response drills and exercises conducted by Alyeska annually ...

- A) 15
- B) 50
- C) 100
- D) 200

Prevention and Response





ENTHUSIASTIC, EXPERIENCED PARTNER