

Safety Plan Update & Discussion

Arctic Safety Waterways Committee

March 18, 2019

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ARCTIC WATERWAYS
SAFETY COMMITTEE



FAIRWEATHERSCIENCE

Background

- Safety Plan initiated when AWSC started in 2014
- Intended to complement existing regulations by advising mariners of conditions and requirements in Arctic Waterways
- Standard of Care Research Vessel Operations was a focus for 2016 and 2017
- Progress slowed in 2018
- Developed plan to complete Plan

Current Status of Safety Plan

- Section A - Introduction
 - Purpose
 - Members
 - Geographic Area
 - Indigenous Food Security
- Section B – General Information
 - Relevant Regulations
 - Vessel Routing Considerations
 - Communication System and Protocols
- Section C – Standards of Care
 - Research Vessels

In good shape – only minor cleanup

Needs a lot of work

Researcher complete
Need to update
general vessels

Section B

Relevant Regulations

- **Laws and regulations**
 - International, federal, state, local
 - Polar Code
 - Marine Mammal Protection Act
 - Endangered Species Act
 - Magnuson-Stevens Fishery Conservation and Management Act
 - Outer Continental Shelf Lands Act
- **Agencies**
 - NOAA, BOEM, BSEE, USCG, EPA
 - DEC, DNR
 - NWAB, NSB
- **Organizations/Councils/Commissions**
 - AMMC, AEWFC, NPFMC



Section B Update

Vessel Routing Considerations

- Sub-sections to be updated

- Marine Exchange
- Protected Areas
- Fishing Areas
- Oil and Gas Industry
- Places of Refuge
- Subsistence Use Areas
- Time Area Closures/Buffers



Area of Focus
Coast Pilot Updates

- Resources

- Subsistence mapping projects:
 - Audubon Alaska
 - Stephen Braund & Associates
 - Northwest Arctic Borough
 - Kawerak
- Indigenous Knowledge
- Local knowledge (Crowley, Teck, Marine Exchange, other industry, etc.)
- Conflict Avoidance Agreements
- SOC for Researchers
- Recent EISs
- Publications

Missing Pieces

- Existing written resources
- Process for obtaining community information
 - Prepare and distribute questionnaire
 - Emails and teleconferences
 - AEWSC meeting in July
 - Community visits
 - Send draft documents for review by same groups
 - Send draft documents to AWSC committee (industry, other) for review

Timeline

- Safety Plan
 - Assume start Jun 1
 - Update regulations section by Jul 1
 - Prepare and distribute questionnaire by Jul 15
 - Update subsistence section Jul 15
 - For review at AEWG Convention
- Challenges/Opportunities
 - Funding
 - ADAC, NPRB, NSF, waterway users
 - Information from communities

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