



**AOOS Animal Telemetry Network (ATN) Workshop  
December 5-6, 2017  
Anchorage Marriott Downtown Hotel  
Anchorage, Alaska**

**Fairbanks Room**

Identifying regional needs and priorities for animal telemetry observations of aquatic species

**WORKSHOP AGENDA**

**DAY 1**

**7:30 Coffee and pastries, meet and greet**

**8:30 – 9:00** Welcome

- *Molly McCammon - AOOS Regional Association Director*

Overview of the U.S. National Animal Telemetry Network and Workshop Format Review

- *Bill Woodward, NOAA IOOS ATN Network Coordinator*

**SESSION FORMAT: Day 1 talks are on order of 10-15 minutes with ~15 minutes at end of each session for discussion.**

**9:00 Resource Management Perspectives Representatives (~15 min each)**

- *Carol Fairfield, BOEM - Bureau of Ocean Energy Management, Alaska OCS Region*
- *John Campbell, ADF&G, Alaska Dept. of Fish & Game, Sport Fish Division*
- *Greg Balogh, NOAA/NMFS Alaska Region, Protected Resources Division*
- *Patrick Lemmons (or Christopher Putnam - Regulatory), USFWS, U.S. Fish and Wildlife Service, Marine Mammals Management*
- *Corrie Sergent, LCDR, Domestic Fisheries Section, Office of Response & Enforcement, U.S. Coast Guard, District 17*

**Panel Discussion (Bill moderator)**

**10:30 Break and Switch Panel**

**10:45 Private Sector Perspectives (~15 min each)**

- *Bill Britt, Environmental Management, Hilcorp Alaska, LLC*
- *Steve Ribuffo, Director, Port of Anchorage*

**Day 1**

- *Greg Pavellas, Director, Marine Ops, Crowley Fuels (also Arctic Waterways Safety Committee)*
- *Jan Straley/Linda Behnken (TBD), ALFA – Alaska Longline Fishermen’s Association and SEASWAP*

**Panel Discussion (Molly moderator)****12:00 Lunch (hosted)****12:45 Community and Tribal Perspectives (~15 min each)**

- *Andy VonDuyke/Craig George/Rob Suydam – North Slope Borough (speaker TBD)*
- *Helen Aderman, BBNA - Marine Mammal Coordinator, Bristol Bay Native Association*
- *Lauren Divine, Bering Watch, Aleut Community of St. Paul Island*

**Panel Discussion (Molly moderator)****1:45 Switch Panel Speakers****1:50 Researcher Perspectives (~15 min each)**

- *Markus Horning, ASLC- Alaska SeaLife Center*
- *Jan Straley, University of Alaska Southeast and SEASWAP*
- *Russ Andrews, MarEcoTel – Marine Ecology and Telemetry Research*
- *Todd Atwood, USGS – U.S. Geological Survey*
- *Ryan Wilson, USFWS - U.S. Fish and Wildlife Service*

**3:05 Short Break****3:15 Continue Research Community Showcase**

- *Andy Seitz, UAF – University of Alaska, Fairbanks*
- *Dan Olsen, North Gulf Oceanic Society*
- *Lori Quakenbush, ADF&G – Alaska Dept. of Fish and Game*
- *Josh London, NMFS/AKFSC/NMML – National Marine Fisheries, AK Fisheries Science Center, National Marine Mammal Lab*
- *Amy Kennedy, US JISAO- University of Wash, Joint Institute for the Study of Atmosphere and Ocean*
- *Jon Pye, OTN – Ocean Tracking Network*

**Panel Discussion part II (Bill Moderator)**

**Summary, preview questions to be addressed during Day 2 Breakout Sessions.**

**5:30 - 7:00** Hosted informal reception and networking opportunity with colleagues attending the AOOS hosted Animal Telemetry Network (ATN) Workshop. **Sponsored by Vemco, Axiom Data Science and AOOS**

## **WORKSHOP TENTATIVE AGENDA**

### **DAY 2**

**7:30 Coffee and pastries, meeting and greet**

**8:30 - 9:00 am** Recap Day 1, Describe Breakout Process, Groups, Goals

- *Bill Woodward – ATN*

Short Break and retreat to breakout rooms

### **BREAKOUT SESSIONS I, II, II**

For the breakout sessions, the workshop attendees are organized into 3 pre-selected Groups (I, II & III), each with a Facilitator and Reporter. Each Group will meet separately and will address all BREAKOUT TASKS according to the schedule below. Group Topics A, B, and C are described below as well.

**9:45 - 10:45 Session I (Group Topics A, B, C)**

**Group 1 Topic A (Bill Woodward, Facilitator)**

**Group 2 Topic B (Molly McCammon, Facilitator)**

**Group 3 Topic C (TBD, Facilitator)**

**10:45 – 11:00 Break**

**11:00 - 12:00 Session II (Group Topics A, B, C)**

**Group 2 Topic A (Bill Woodward, Facilitator)**

**Group 3 Topic B (Molly McCammon, Facilitator)**

**Group 1 Topic C (TBD, Facilitator)**

**12:00 - 1:00 LUNCH (provided)**

**1:00 - 2:00 Session III (Group Topics A, B, C)**

**Group 3 Topic A (Bill Woodward, Facilitator)**

**Group 1 Topic B (Molly McCammon, Facilitator)**

**Group 2 Topic C (TBD, Facilitator)**

**Day 2****2:00 - 2:45 pm** Report-out from Breakout Sessions (15 minutes each)**2:45 - 3:00 pm** Wrap Up, Actions. Adjourn  
.....**BREAKOUT GROUP TOPIC A**

**TASK:** *Create a matrix (or set of matrices) of the animal telemetry observation needs in the AOOS Region vs. the assets that are currently in place (that we know of) to collect them; identify gaps.*

Ideas on how to organize them? (Suggestions for the matrix:)

SPECIES?

GEO-LOCATION?

SPATIAL SCALE?

STAKEHOLDER NEEDS? (e.g., Resource Management/Commercial/Protected species)

TECHNOLOGY?

SCIENCE QUESTIONS?

OBSERVING TECHNOLOGY?

**BREAKOUT TOPIC B**

**TASK:** *Identify challenges and concerns with animal tagging efforts in Alaska.*

*Discuss the value of Alaska researchers participating in the ATN...what would be the value-added from a network approach to individual research goals?*

*If money was no object, or if we had \$1M/yr for ten years, define what a baseline Animal Telemetry Network (acoustic and satellite) in the AOOS Region could/should look like. Identify priority items.*

**BREAKOUT TOPIC C**

**TASK:** *Describe the effective telemetry data aggregation and sharing pathways within the AOOS Region, what sharing outside the region is/could be valuable and with whom, and whether there are additional capabilities that would improve the ability of AOOS to aggregate and share.*