



## **SECOORA-CARICOOS Animal Telemetry Network (ATN) Workshop**

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

*Hilton – Tampa Airport Westshore - 2225 N Lois Ave, Tampa, FL 33607*

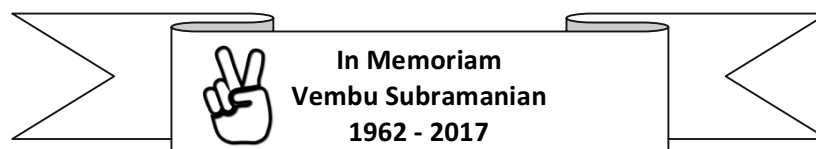
*March 28-29, 2017*

### **WORKSHOP BACKGROUND**

This Workshop is one in a series of regional meetings and workshops that the U.S. ATN is holding to identify priorities for regional telemetry observations of aquatic species (including pinnipeds, sharks, whales, fishes, turtles, and seabirds) that could be served by an ATN baseline network and to examine whether the type and extent of existing telemetry assets could adequately satisfy these requirements. The information generated at the workshop will be used by the ATN to identify regional and national observation priorities to ensure that both are being met, a concise plan for sufficient funding of the envisioned national ATN tagging program, including infrastructure and operations, and how integration and coordination of these assets will be achieved.

### **WORKSHOP OBJECTIVES**

- Identify and prioritize regional telemetry research and potential keystone monitoring / observational needs.
- Review the existing global telemetry observing assets and scientific capabilities, and provide a state-of-the-region analysis.
- Document existing examples of stakeholder use of telemetry data (e. g. understanding fish distribution, mortality, migration, design of protected areas, definition of essential habitat for species protected by the ESA & MMPA, socioeconomics, fisheries management, and others).
- Identify data management challenges, and showcase the SECOORA-FACT Acoustic Data Node as a regional tool with global linkages for data management, sharing and collaboration. Consider needs common to other regions, and discuss strategies for applied, collaborative research across geographies and disciplines.



# WORKSHOP AGENDA

## DAY 1

### March 28, 2017 – Gasparilla Room

Conference call and webinar capabilities is available for Day 1 of the workshop.

Registration Link: <https://cc.readytalk.com/r/at69k47xg8gs&eom>

Dial-In Number(s): 866.740.1260

Access Code: 5190403

#### **9:00** Welcome, Review Objectives/ Agenda

- *Bill Woodward - U.S. Animal Telemetry Network (ATN) Coordinator*
- *Debra Hernandez - SECOORA Regional Association Director*
- *Miguel Canals Silander - CARICOOS Regional Association Technical Director*

#### **9:15** Overview of the U.S. National Animal Telemetry Network

- *Bill Woodward, NOAA IOOS ATN Network Coordinator*

#### **9:30** Commercial and Resource Management Perspectives

*Representatives from the commercial sectors and resource management agencies discuss regional telemetry applications and stakeholder needs.*

- *Mitchell Roffer – ROFFS™*
- *Leah Baumwell - International Game Fish Association*
- *Mark Monaco - NOAA/NCCOS*
- *Anna Toline - National Park Service*

#### **Break**

- *Margie Balas - FWC*
- *Mary Boatman - BOEM*
- *Keith Mullin - NMFS/SEFSC*
- *Erin Fougères - NMFS/SERO*

#### **12:30** Lunch (provided)

## 1:30 Researcher Perspectives

*Representatives from the research community will showcase telemetry projects focused on a range of species, discuss current telemetry assets in the Southeast and Caribbean Regions, and highlight innovative technologies and methods.*

- *Randall Wells - Chicago Zoological Society*
- *Joy Young - FWRI/FACT*
- *Eric Reyier - Kennedy Space Center*
- *Chris Kalinowsky - Georgia Dept. of Natural Resources*
- *Bill Post - South Carolina Department of Natural Resources*

## Break

- *Greg Skomal - Massachusetts Marine Fisheries*
- *Clayton Pollock - National Park Service*
- *Heather Foley - Duke Univ.*
- *Kristen Hart - USGS*
- *Sue Lowerre-Barbieri - FWC/iTAG*

## 5:00 Wrap-up Day 1

Summary of Day 1, Preview Day 2 Breakout Sessions

## 5:30 Adjourn

## 6:00 Social Event hosted by VEMCO



## DAY 2

### March 29, 2017– Gasparilla Room

**8:30 - 8:45** Welcome, Review Agenda, Recap Day 1, Describe Breakout Process

- *Bill Woodward – ATN*

**8:45 - 9:15** SECOORA - FACT Acoustic Data Node

- *Joy Young – Florida Atlantic Coast Telemetry Project*
- *Jonathan Pye – Ocean Tracking Network*

**9:15 - 9:30** The Cuba Connection

- *Aaron Adams – Bonefish and Tarpon Trust*

### BREAKOUT SESSIONS

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

**9:45 - 10:45**

#### BREAKOUT SESSION A

**TASK:** *Create a Matrix (or Set of Matrices) of the Animal Telemetry Observation Needs in the SECOORA and CARICOOS Regions vs. the Assets that are Currently in Place (that we know of) to Collect Them; Identify Gaps*

How to Organize Them ?

Perhaps by:

Species ?

Geo-Location ?

Spatial Scale ?

Stakeholder Needs ? (Eg., Resource Management/Commercial./Prot. Sp. ?)

Technology ?

Science Questions ?

Observing Technology ?

**10:45 Break**

**11:00 - 12:00**

**BREAKOUT SESSION B**

**TASK:** *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 SECOORA Region and in the CARICOOS Region (or a combined one) Could/Should Look Like*

Step #1 ?

Step #2 ?

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

**1:00 - 2:00**

**BREAKOUT SESSION C**

**TASK:** *Describe the effective Telemetry Data Sharing Pathways within the SECOORA and CARICOOS Regions, What Sharing Outside the Regions is/could be Valuable and with Whom, What would Motivate the Creation and Implementation of these Pathways*

**2:15 - 2:45** Report Out From Breakout Sessions

**2:45 - 3:00** Wrap Up, Actions. Adjourn