

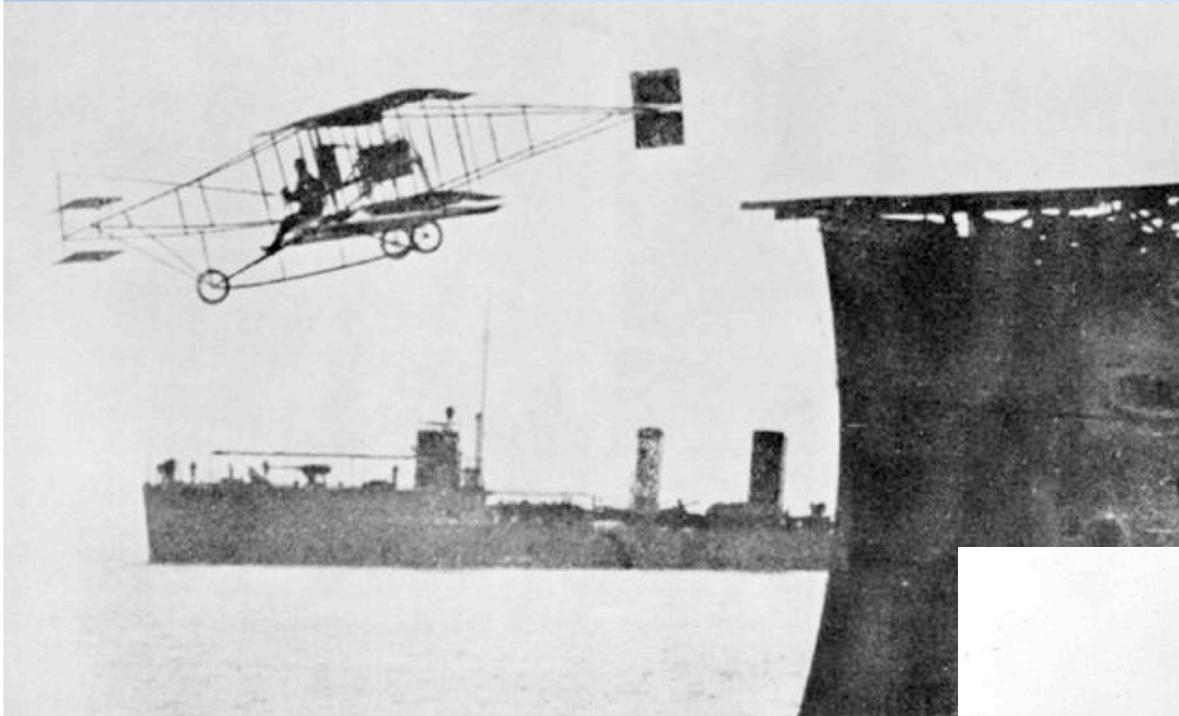
# Scientific Committee for Oceanographic Aircraft Research



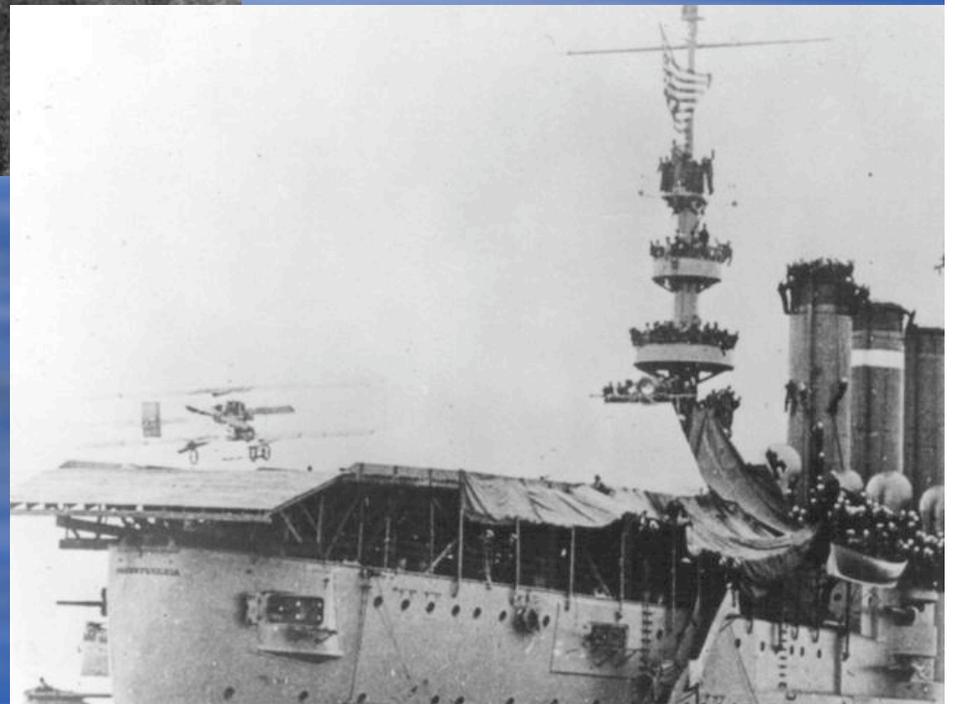
ICCAGRA Meeting  
November 2009



# *Aircraft on ships? Who'd have thought?*



**Eugene Ely. Nov 1910**



# **SCOAR MEMBERS as of OCTOBER 2009**

**Daniel Schwartz University of Washington**

**John Bane University of North Carolina**

**James Hain Associated Scientists at Woods Hole**

**Steven Ramp Monterey Bay Aquarium Research Institute**

**Daniel Riemer University of Miami, RSMAS**

**Richard Zimmerman Old Dominion University**

**Bob Bluth, (ex-officio) CIRPAS, Naval Postgraduate School**

**Hafliði Jonsson, (ex-officio) CIRPAS, NPS**

**Roy Woods, (ex-officio) CIRPAS, NPS**

**Steven Hartz, RVTEC Rep (ex-officio) University of Alaska**

**Sponsor: Tim Schnoor-Office of Naval Research**

# **SCOAR Activities 2009-2010**

**June 11, 2009: SCOAR Teleconference Meeting**

**Sept. 15-16, 2009: 2nd Annual Alaska UAS Interest Group  
Fairbanks, Alaska**

**Nov. 9-10, 2009: ICCAGRA The Interagency Coordinating  
Committee for Airborne Geosciences Research and  
Applications. Tampa, Florida**

**Feb. 22-26, 2010: Ocean Sciences Meeting - SCOAR Town  
Hall Meeting. (Community outreach opportunity). Portland**

**Ocean Technology & Infrastructure Needs for the next 20  
Years -- session at Ocean Sciences Meeting (call for papers)**

**Sept. 19-24, 2010: MTS/IEEE Oceans Meeting, Seattle**

# Autonomous Aircraft Scripps, NOAA PMEL, UAF Adv.Ceramic Res.

## MANTA & launcher

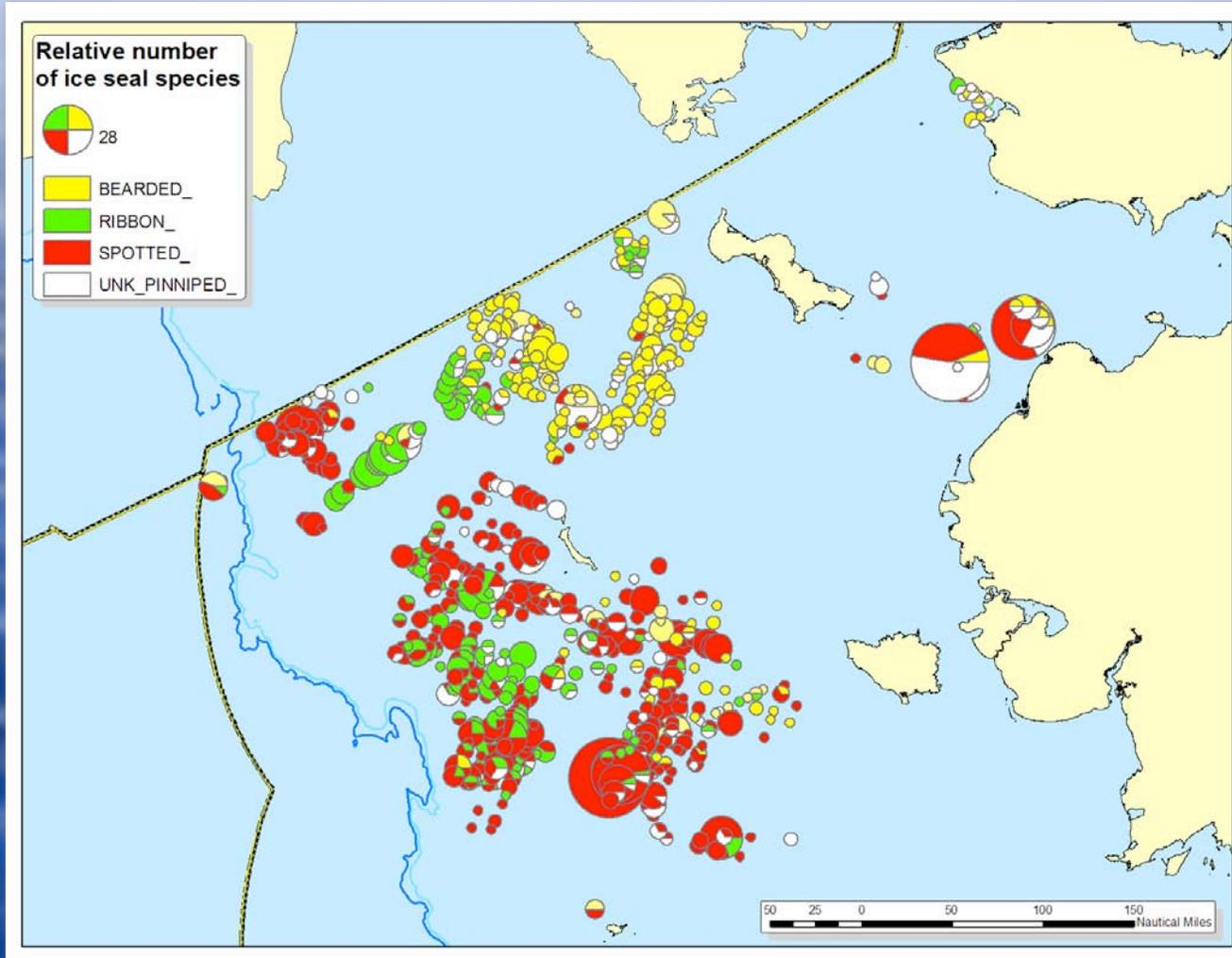




# MMS U.Michigan Flying Fish Self-relocating ATON Buoy used off Alaskan North Slope



# Ice Seal Abundance, Distribution



Courtesy USCG

# Bering Sea launch and recovery of UAF Unmanned Aircraft



# At-Sea Launch and Recovery from an AGOR-sized vessel

[NOAA / UAF Video](#)

***Welcome to our future!***

*Thank You!*

