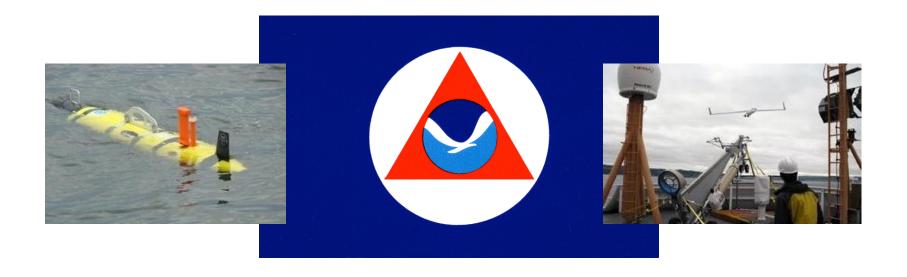
### **NOAA** Update



Briefing for UNOLS RVTEC November, 2015

Douglas Perry, OMAO

# **NOAA** Briefing

- Ship & Aircraft fleet
- Unmanned Systems
- Data Management



## Ships & Aircraft

- Aging Fleet & no new funding for construction
- Rueben Lasker delivered and operating
- P3 Aircraft re-winging
- Mission Readiness & Utilization targets (100%)

#### **UxS Vision**

Vision captured in interviews with NOAA Leadership

- "...utilize proven, unmanned technologies (UxS) to enhance mission effectiveness, improve operational efficiency, and affordably close observation gaps."
- "...employ a "harvest and tailor" strategy ...(TRL 6 and above) UxS platform types ...adapt those platforms for NOAA-unique missions."
- "...manage a limited stable of platform types ... focus on sensor development and integration for those platforms."

#### **UxS** Activities

- UxS Steering Committee formed
- OMAO transition to operations approach for UxS with targeted initiatives:
  - Unmanned Surface Vehicle for hydro survey ops
  - small Unmanned Aircraft System for living marine resource survey
  - Forecasts & warnings augmented by Unmanned System
- Proposed NOAA UxS Program Office



### Data Management

- Full-time Data Manager and Center Data Coordinators
- Targets set for SCS data delivery (95% within 60 days)
- Data Management initiatives:
  - o FSU SAMOS
  - University of Hawaii ADCP management
  - o Others?
  - o SCS Version 5