

NOAA Update



Briefing for UNOLS RVTEC
November, 2015

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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:
 - FSU SAMOS
 - University of Hawaii ADCP management
 - Others?
 - SCS Version 5

