

SAB Topic 3

Enhance Strategic Investment and Use of Unmanned and Autonomous Systems (UxS)

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Topic 3: Develop a “whole of NOAA” strategy for unmanned/autonomous systems

- SAB action: Meet with NOAA points of contact Craig McLean and RDML Nancy Hann to discuss next steps
 - Meetings held – agreement to proceed with development of a NOAA-wide strategy
- Key points and considerations:
 - Strategy, strategic plan, roadmap?
 - Operational and research elements
 - Roles and responsibilities
 - Define vision and key objectives
 - Approach
 - Schedule
 - Who
 - Innovation in applications
 - Use of CRADAs
 - Use OMAO Standing Review Board for advice
 - Includes UxS – underwater, surface and aerial systems
 - Planned NOAA conference on UxS can inform planning



Topic 3 Way Forward

- Agreement to develop NOAA-wide strategy/strategic plan
 - 15 Nov - establish NOAA “tiger team” comprised of line office representatives – use SMEs and external representatives as appropriate
 - Use the OMAO Fleet Plan Standing Review Board as advisors
 - 30 Nov – First meeting of Tiger Team
 - Define NOAA overarching vision and purpose for UxS
 - Define six-eight key objectives – mid Nov
 - Plan should have a 10-year outlook – near term, mid term and far term objectives
 - Impact NOAA investments and budget formulation – reduce overlaps, identify efficiencies, enhance agency investments
 - Focus on NOAA applications, innovations and early adopter – not a developer of systems
 - Programs and priorities – current and future operations
 - Challenges and best practices
 - Partnerships
 - Roles and responsibilities
 - Integrate capabilities with NOAA infrastructure and operations
- Brief status and initial draft report by spring 2019 SAB meeting, including SRB review
- June 2019 – Complete final draft report for review
- The “devil is in the details” – detailed schedule and outline TBD December 2018