NOAA Fleet Recapitalization
Oceanographer/Discoverer and Class B

Gregory Raymond
Director, Platform and Infrastructure Acquisition Division

November 1, 2021
AGENDA

1. Overview
2. Overall Status
3. Oceanographer and Discoverer Program
4. Class B Program
5. Questions
OVERVIEW – FOUR NEW SHIP CLASSES

• **Class A:** Primary mission to include Oceanographic monitoring, research, and modeling. The Class A is a multi-purpose Oceanographic vessel. (This is a Navy Assisted Acquisition)
  • Interagency agreement 7600A initiated between NOAA and USNAVY under the authority of the Economy Act (31 U.S.C. 1535/FAR 17.5) for acquisition planning and execution activities at a ceiling value of $1.5B

• **Class B:** Primary mission to include Charting and Surveying, Organic handling of multiple launches or small craft, both manned and unmanned, and Infrastructure to support unmanned systems. (This will be a NOAA led acquisition with Navy support).

• **Class C:** Primary mission to include Assessment and Management of Living Marine Resources (Trawl capable, shallow draft). Secondary mission will be Charting and Surveying.

• **Class D:** Primary mission to include Assessment and Management of Living Marine Resources (Trawl capable). Secondary mission will be Charting and Surveying (ocean).
Oceanographer and Discoverer – PM Overview

• The Assisted Acquisition relationship with Navy PMS 325, NAVSEA 05D, and NAVSEA 05C is working very well.

• Completed Design Reviews 1-4

• Design Review 5 rescheduled for early December

• Modification 10 has been impending.
  • Addition of two(2) VSATs, network upgrade and expansion, network security implementation.

• Hurricane Ida impact negotiations in anticipation of final-determination underway.
  • Biggest impact felt by Shipyard Staff and surrounding area, recovery has potential to be slow and arduous.

• Communications between Line Offices and Ship Design Team starting, workshops pending.
On-site Visit Pictures (Oct 25, 2021)
SCHEDULE – Oceanographer and Discoverer

SCHEDULE SUBJECT TO CHANGE. STILL ASSESSING IMPACTS FROM HURRICANE IDA TO OVERALL SCHEDULE. PRR LIKELY TO SLIP TO NEXT QUARTER.

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- IAA Order 2 Approved
- Milestone B/C Documents
- NOAA MS 2/3
- NOAA MS 3 NAV2
- Navy MS B/C
- Source Selection
- Preliminary/Contract Design
- Down Select
- Detail Design
- Lead Ship Construction (24 mos)
- Phase I Funds Obligated to Navy
- Phase II Funds Obligated to Navy
- IAA Mod/NOAA
- NOAA Obligate Ship 2
- Contract Award for PD/CD (Phase I)
- Proposals Submitted (Phase I)
- Proposals Submitted (Phase II)
- Contract Option Award for Lead and Option Ship DDx (Phase II)
- PRR – Authorization to Start Construction
- Issue RFI
- Industry Day
- TLR Update Finalized
- Management Plan Update Completed
- Specification/Design Update
- RFP/SOW Update
- Program Documentation Update/Approval
- Issue RFI
- Navy MS B/C
- PRR – Authorization to Start Construction

NOTES:
- SCHEDULE SUBJECT TO CHANGE.
- STILL ASSESSING IMPACTS FROM HURRICANE IDA TO OVERALL SCHEDULE.
- PRR LIKELY TO SLIP TO NEXT QUARTER.

PROGRAM DOCUMENTATION UPDATE/APPROVAL

- Detail Design
- Lead Ship Construction (24 mos)

SOURCE SELECTION

- Preliminary/Contract Design
- Down Select
- Detail Design

CONTRACT AWARD FOR PD/CD (PHASE I)

- Phase I Funds Obligated to Navy
- IAA Order 2 Approved

CONTRACT OPTION AWARD FOR LEAD AND OPTION SHIP DDx (PHASE II)

- Phase II Funds Obligated to Navy
- Milestone B/C Documents
- NOAA MS 2/3
- NOAA MS 3 NAV2
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- Issue RFI
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NOAA MS 2/3 NAV2

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- RFP/SOW Update

NOAA MS 3 NAV2

- Issue RFI
- TLR Update Finalized
- Management Plan Update Completed
- Specification/Design Update
- RFP/SOW Update

FUNDING OBLIGATION DATES:

- FY 17: Phase I Funds Obligated to Navy
- FY 18: Phase II Funds Obligated to Navy
- FY 19: IAA Mod/NOAA Obligate Ship 2
- FY 20: NOAA Obligate Ship 2
- FY 21: Contract Award for PD/CD (Phase I)
- FY 22: Proposals Submitted (Phase II)
- FY 23: Contract Option Award for Lead and Option Ship DDx (Phase II)

NOTICE:
- SCHEDULE SUBJECT TO CHANGE.
- STILL ASSESSING IMPACTS FROM HURRICANE IDA TO OVERALL SCHEDULE.
- PRR LIKELY TO SLIP TO NEXT QUARTER.
Class B Overview

- **Mission:** Primary mission to include Charting and Surveying, Organic handling of multiple launches or small craft, both crewed and uncrewed, and Infrastructure to support uncrewed systems.

- **Budget:** Received Cost Estimate from the Navy – no surprises. Planned two ships awarded with base contract with up two more options.

- **Performance / Technical:** Continue to minimize technical risk and review/finalize requirements. Uncrewed Surface Vessel Specification will be developed and awarded post delivery in a separate IDIQ contract.

- **Challenges**
  Funding timing and risk associated with using Government Hull
CLASS B - ACCOMPLISHMENTS / KEY EVENTS / PATH FORWARD

• Unlike for Class A (NAV), NOAA will be taking the lead for contracting and we will continue using Navy support for Class B through an IAA, using Hybrid support (Programmatic, technical, and cost estimation).

• DOC required Milestone 2/3 documents remain under review/development.

• RFP and J-Attachments are being finalized for the mid January 2022 solicitation.

• Additional Industry Day to be held at the International WorkBoat Show in early December 2021.

• Just like Congress with reconciliation, we are working out the final details with some of the crewed/uncrewed launch specifications.
# SCHEDULE – CLASS B (Actual and Projected)

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- **Sources Sought**
- **MS 1 Documentation Finalized**
- **DOC MS 1 Approval**
- **Specification/Design Development**
- **RFP Development**
- **MS 2/3 Documentation**
- **Industry Day**
- **Navy IAA**
- **Navy ICE**
- **Issue RFP**
- **DOC MS 2/3**
- **Source Selection**
- **Detail Design (12-18 mos)**
- **Proposals Received**
- **Contract Award for Lead and Follow Ship**
- **PRR – Authorization to Start Construction**
- **Ship 1 and 2 Construction (24-36 mos)**

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Questions?