



# RCRV Update UNOLS 2023



Regional Class Research Vessel Program- Oregon State University

*November 15 2023*





# RCRV Estimated Schedule Q2-23



| Task Name                               | Duration    | Start Date      | End Date        | Q4   |     | Q1  |     |     | Q2  |     |     | Q3  |     |     | Q4  |     |     | Q1  |     |     | Q2  |     |     | Q3  |     |     | Q4  |     |     | Q1  |     |     |
|---|-------------|-----------------|-----------------|--|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|
|   |             |                 |                 | Oct  | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb | Mar | Apr | May | Jun | Jul | Aug | Sep | Oct | Nov | Dec | Jan | Feb |
| RCRV Transition to Operations           | 576d        | 11/20/23        | 02/02/26        | [Gantt bar spanning from Nov 2023 to Feb 2026] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R/V Taani</b>                        | <b>402d</b> | <b>11/20/23</b> | <b>06/03/25</b> | [Gantt bar spanning from Nov 2023 to Jun 2025] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Start of Transition to Operations       | 0           | 11/20/23        | 11/20/23        | [Milestone diamond at Nov 2023]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pre-Delivery Support                    | 140d        | 11/20/23        | 05/31/24        | [Gantt bar from Nov 2023 to May 2024]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Delivery</b>                         | <b>0</b>    | <b>06/03/24</b> | <b>06/03/24</b> | [Milestone diamond at Jun 2024]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Outfitting, Operator and Science Trials | 262d        | 06/03/24        | 06/03/25        | [Gantt bar from Jun 2024 to Jun 2025]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Start of Operations</b>              | <b>0</b>    | <b>06/03/25</b> | <b>06/03/25</b> | [Milestone diamond at Jun 2025]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R/V Narragansett Dawn</b>            | <b>401d</b> | <b>03/19/24</b> | <b>09/30/25</b> | [Gantt bar spanning from Mar 2024 to Sep 2025] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pre-Delivery Support                    | 140d        | 03/19/24        | 09/30/24        | [Gantt bar from Mar 2024 to Sep 2024]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Delivery</b>                         | <b>0</b>    | <b>10/01/24</b> | <b>10/01/24</b> | [Milestone diamond at Oct 2024]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Outfitting, Operator and Science Trials | 261d        | 10/01/24        | 09/30/25        | [Gantt bar from Oct 2024 to Sep 2025]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Start of Operations</b>              | <b>0</b>    | <b>09/30/25</b> | <b>09/30/25</b> | [Milestone diamond at Sep 2025]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>R/V Gilbert R. Mason</b>             | <b>400d</b> | <b>07/22/24</b> | <b>01/30/26</b> | [Gantt bar spanning from Jul 2024 to Jan 2026] |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Pre-Delivery Support                    | 140d        | 07/22/24        | 01/31/25        | [Gantt bar from Jul 2024 to Jan 2025]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Delivery</b>                         | <b>0</b>    | <b>02/03/25</b> | <b>02/03/25</b> | [Milestone diamond at Feb 2025]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| Outfitting, Operator and Science Trials | 260d        | 02/03/25        | 01/30/26        | [Gantt bar from Feb 2025 to Jan 2026]          |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |
| <b>Start of Operations</b>              | <b>0</b>    | <b>01/30/26</b> | <b>01/30/26</b> | [Milestone diamond at Jan 2026]                |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |     |

**R/V Taani**

- Start of Transition to Operations
  - 11/20/2023
- Vessel Delivery
  - 06/03/2024
- Start of Operations
  - 03/03/2025

**R/V Narragansett Dawn**

- Start of Transition to Operations
  - 03/19/2024
- Vessel Delivery
  - 10/01/2024
- Start of Operations
  - 09/30/2025

**R/V Gilbert R. Mason**

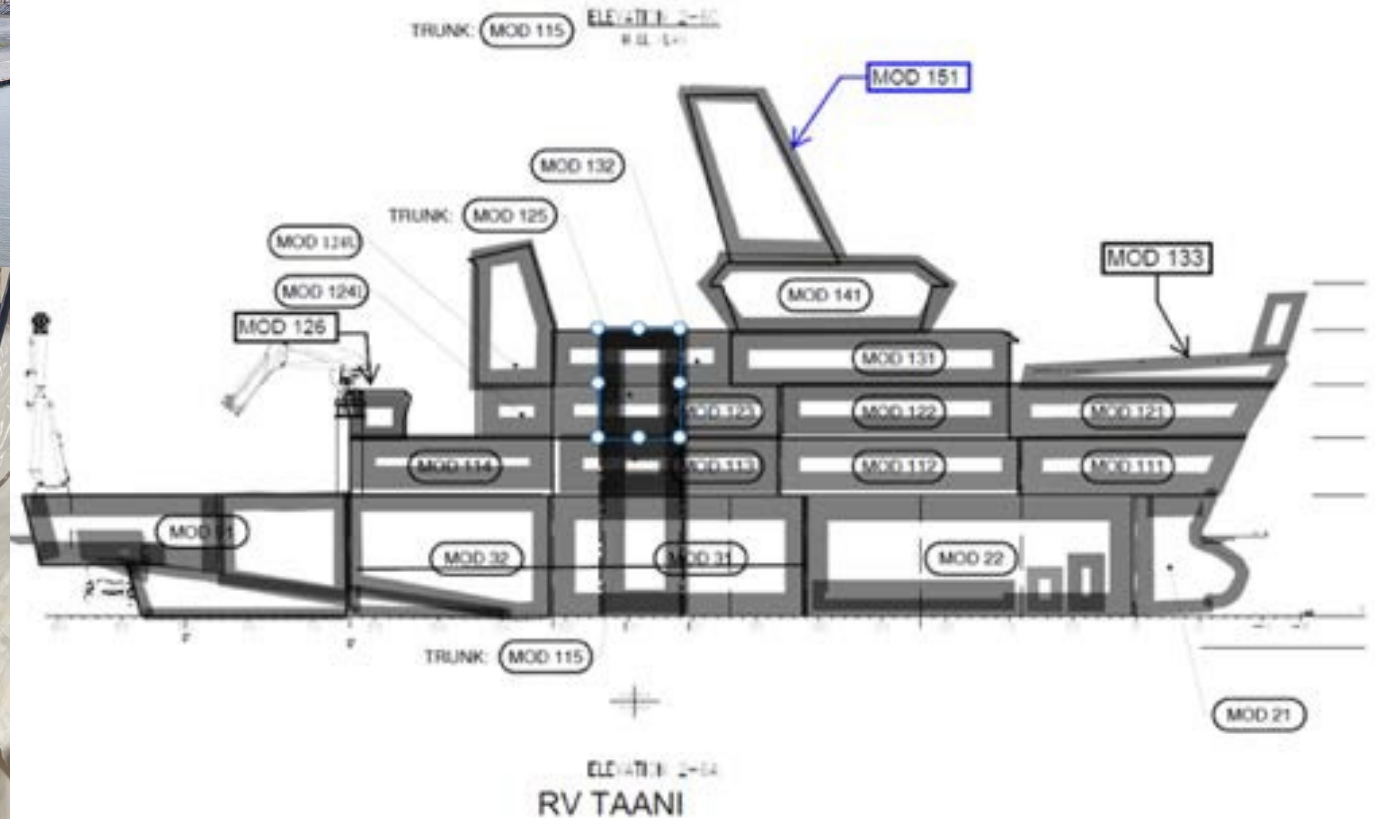
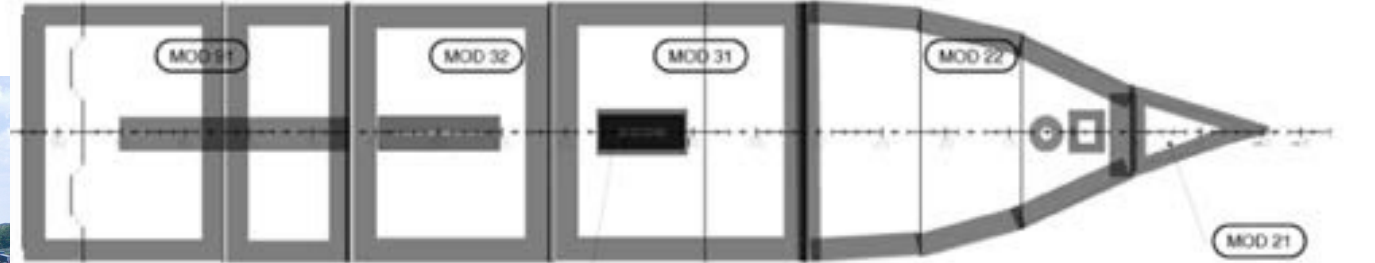
- Start of Transition to Operations
  - 07/22/2024
- Vessel Delivery
  - 02/03/2025
- Start of Operations
  - 01/30/2026







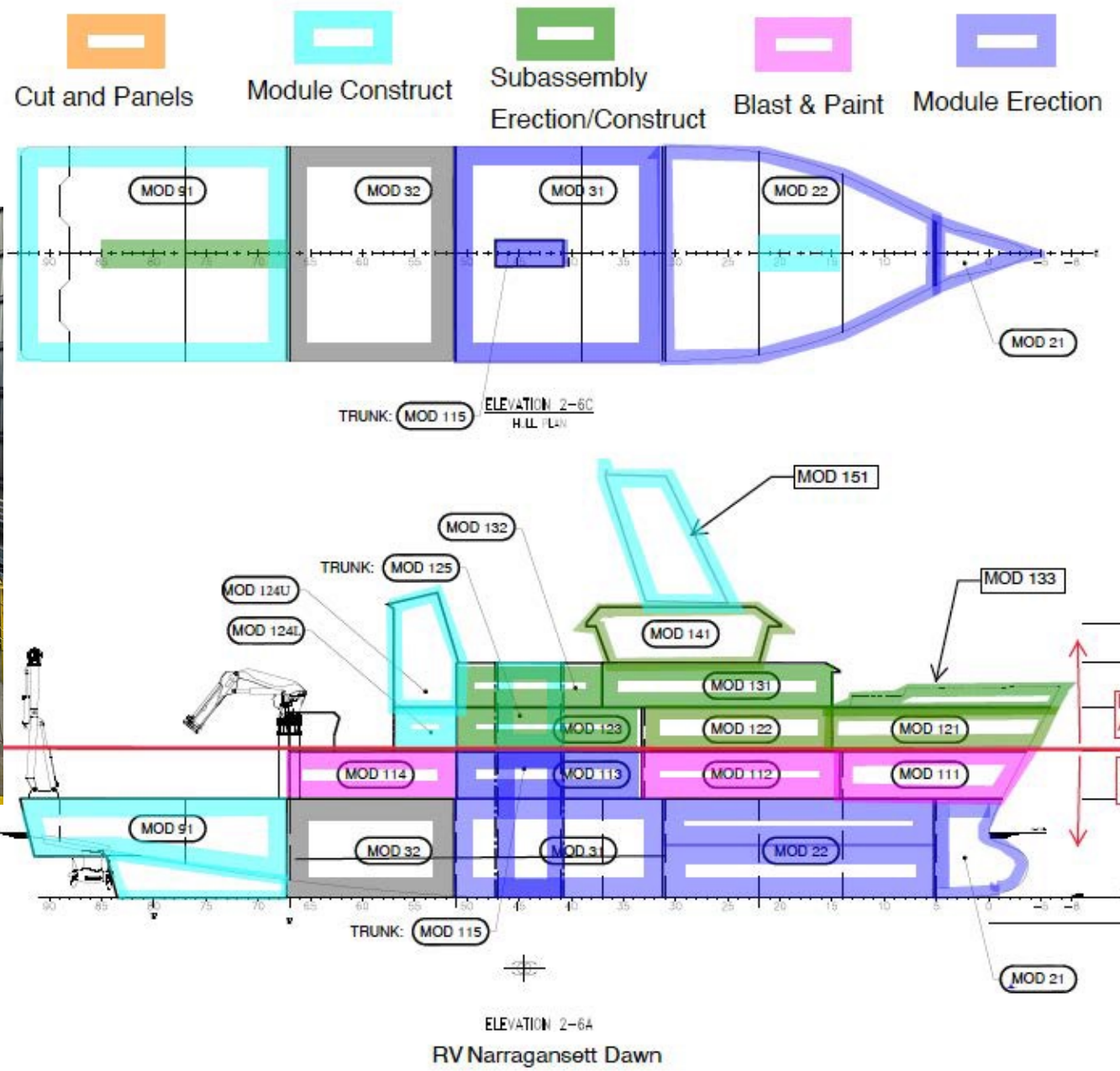
# RV TAANI Build Update





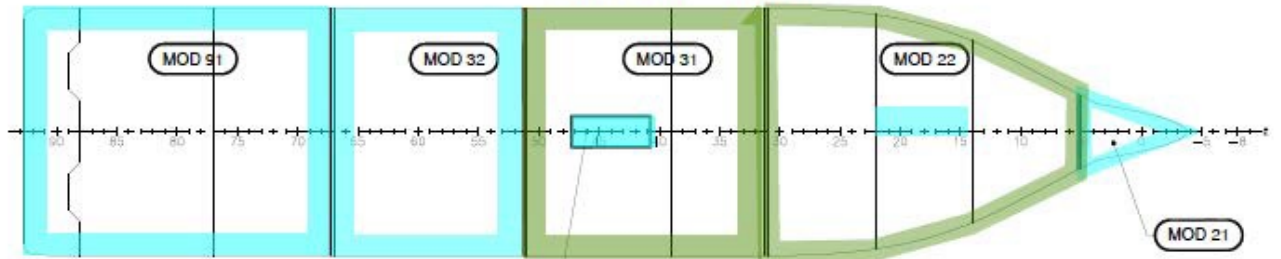
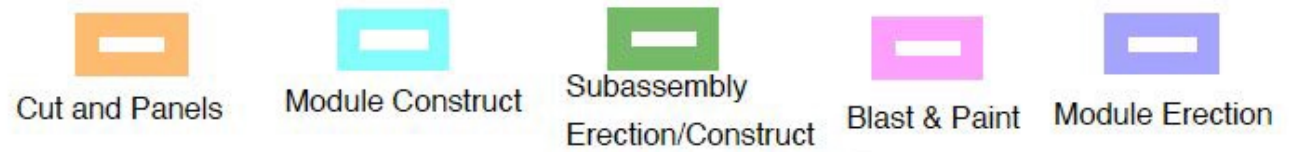
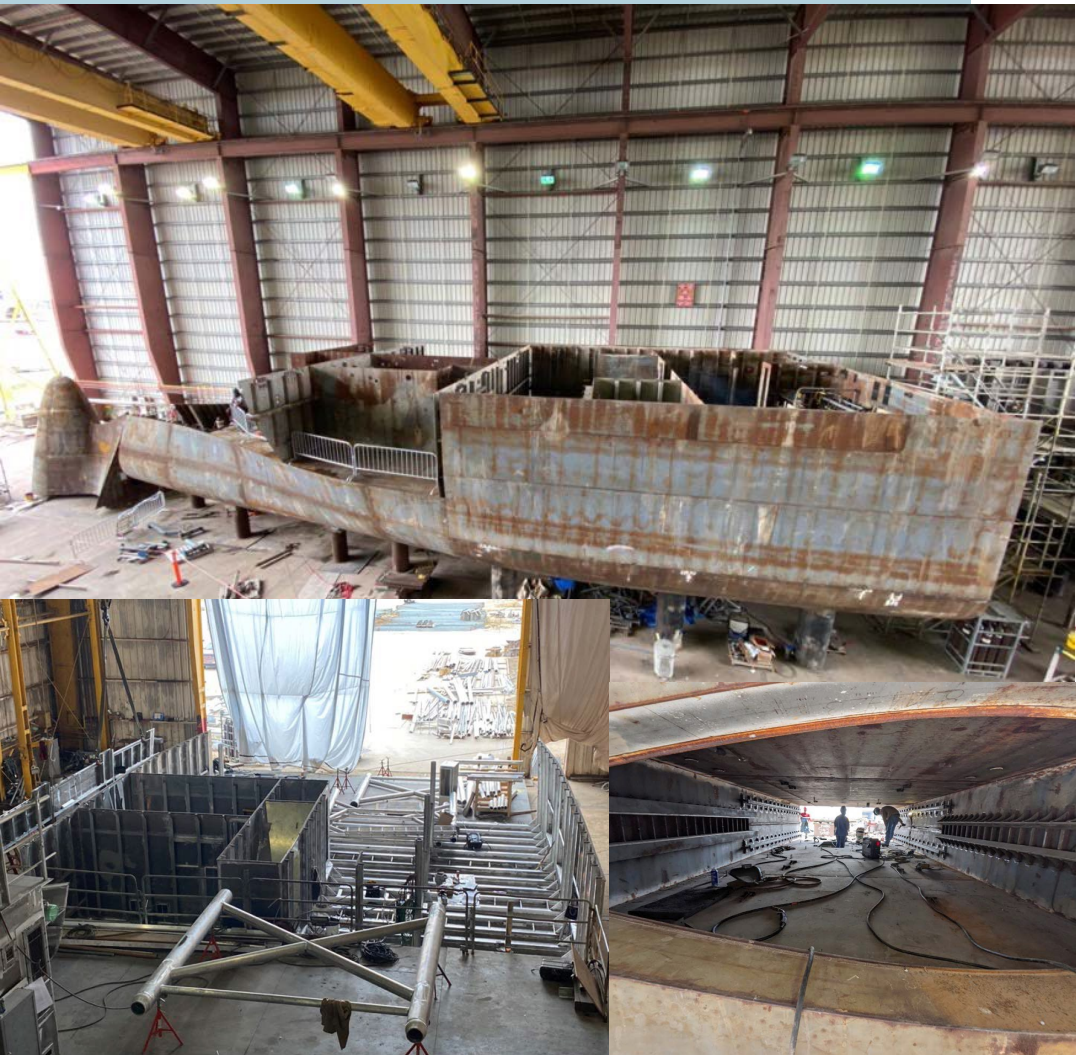


# R/V Narragansett Dawn Build Update

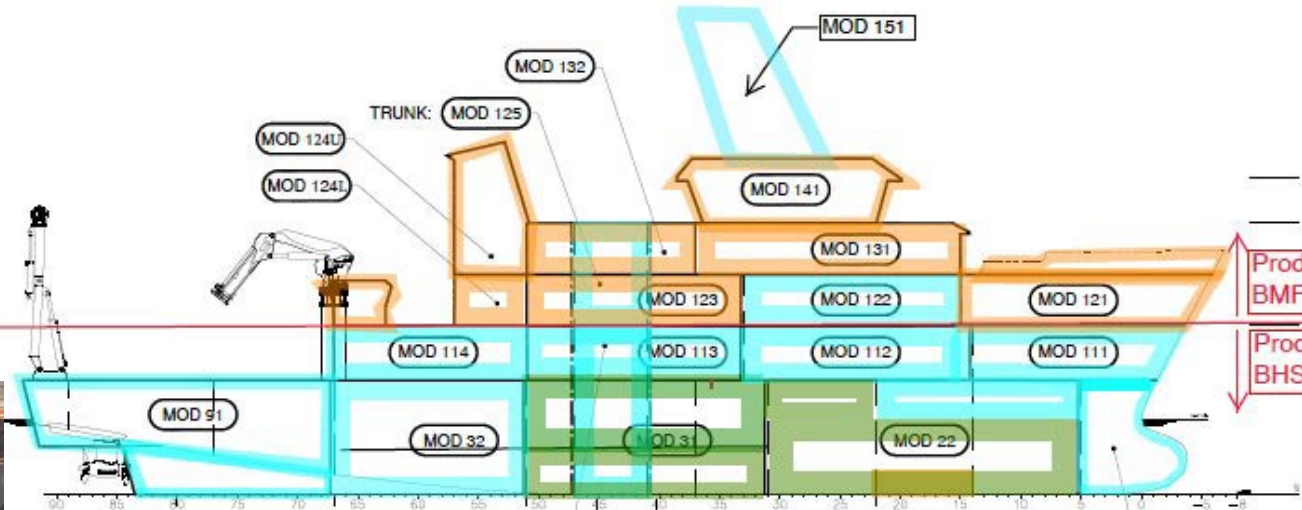




# RV Gilbert R. Mason



TRUNK: MOD 115  
 ELEVATION 2-6C  
 HULL PLAN



TRUNK: MOD 115

ELEVATION 2-6A

RV GILBERT R. MASON

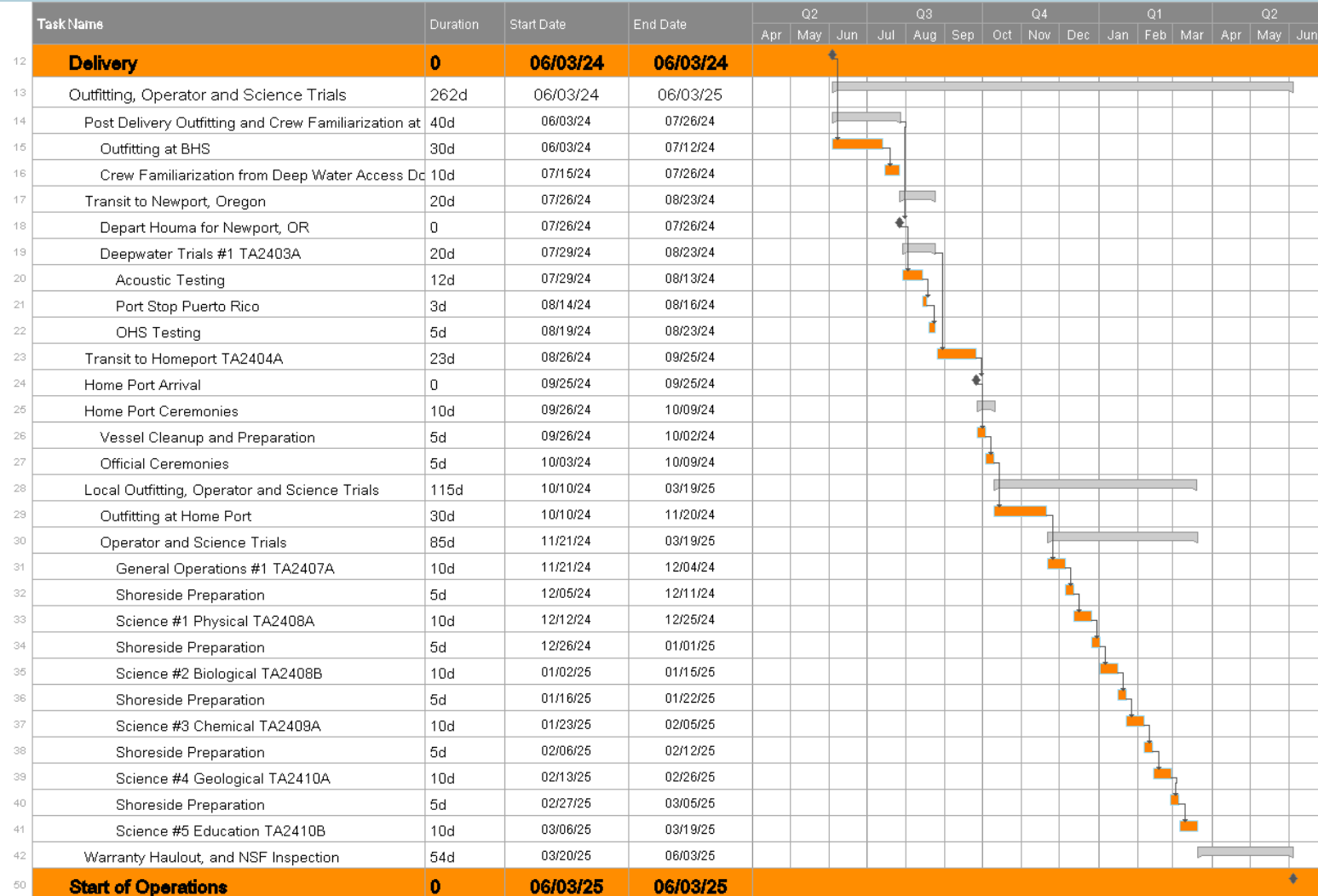




# Transition to Operations

## Operations and Science Trials

- 12-months transition plan tied to shipyard contract Delivery date.
- May 2023 Operations and Science Trials workshop
- Eight separate, at sea, trials cruises
  - Deepwater Trials
  - Transit to Home Port
  - General Operations
  - Sci. 1 Physical
  - Sci. 2 Biological
  - Sci. 3 Chemical
  - Sci. 4 Geological
  - Sci. 5 Education
- Utilizing MFP for Cruise Planning
- OI, SOC, and Expert Support
- Chief Scientists and Technicians now assigned for each trials cruise









**5/18/23: Launched**

**~Q4/25: Ready for Funded Science**







- [Webcam 01](#)
- [Webcam 02](#)
- [Webcam 03](#)
- [Webcam 04](#)
- [Webcam 05](#)
- [Webcam 07](#)

## RCRV Update

Regional Class Research Vessel Program- Oregon State University

*October 26, 2023*