UNOLS RVTEC MEETING

Next Up
Regional Class Research Vessel – Daryl Swensen
RCRV Update RVTEC 2022
Regional Class Research Vessel Program- Oregon State University

October 3rd, 2022
General Arrangement and Science Services
Build Update

Module Sequence
R/V TAANI
R/V Narragansett Dawn

Production at BMF
Amelia, LA

Production at BHS
Houma, LA

ELEVATION 2-4A
R/V Narragansett Dawn
R/V Gilbert R. Mason
Delivery Schedule DRAFT (Ida Delay)

- **R/V Taani**
  - Start of Transition to Operations
    - 03/07/2023
  - Delivery
    - 09/15/2023
  - Start of Operations
    - 09/13/2024

- **R/V Narragansett Dawn**
  - Start of Transition to Operations
    - 09/11/2023
  - Delivery
    - 03/22/2024
  - Start of Operations
    - 03/21/2025

- **R/V Gilbert R. Mason**
  - Start of Transition to Operations
    - 02/05/2024
  - Delivery
    - 08/16/2024
  - Start of Operations
    - 08/15/2025
Transition to Operations
Phase IV

- 18-months transition plan tied to shipyard contract Delivery date.
- Starting 6-months prior to Delivery, crew hiring, shipyard support, crew training and familiarization.
- At Delivery, full crew and technicians on site at the shipyard for outfitting and start of vessel trials (40 days).
- Transit to home port for local outfitting, and operator and science trials (86 days)
- Warranty haul out at a local shipyard.
- NSF Inspection and Acceptance as UNOLS vessel
- Teams of experts for operations and science trials. Funded participation for the full vessel verification.
# RCRV Trials Matrix

- **Item Test**
  - Anemometer
- **System Test**
  - Atmospheric Sensors
- **Test Procedure**
- **Prerequisite**
- **Test Phase**
- **Duration**
  - Single
  - System
- **Location**
- **Conditions**
- **Expert Support**
- **Vendor/Tech**
- **Acceptance Criteria**
- **Support**
  - Equipment
  - Supplies
  - Documentation

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**Operations and Science Trials**

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<tr>
<th>RCRV</th>
<th>Trials Description</th>
<th>NCM</th>
<th>VNM</th>
<th>SDC</th>
<th>WPA</th>
<th>TRM</th>
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<th>Goals &amp; Outcomes</th>
<th>Acceptance Criteria</th>
<th>Notes &amp; Comments</th>
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RCRV Update

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