

#### 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		Q	1		Q2		C	3		Q4		Q1	
				Oct Nov	Dec Jai	n Feb	Mar A	Apr May	Jun J	lul Aug	Sep	Oct	Nov	Dec Ja	an Fe	b Mar	Apr	May	Jun J	lul A	ug Sep	Oct	Nov	Dec Ja	an Feb	Mar
RCRV Transition to Operations	576d	11/20/23	02/02/26																							
R/V Taani	402d	11/20/23	06/03/25																							
Start of Transition to Operations	0	11/20/23	11/20/23	Ŷ •																						
Pre-Delivery Support	140d	11/20/23	05/31/24																							
Delivery	0	06/03/24	06/03/24	•					\$																	
Outfitting, Operator and Science Trials	262d	06/03/24	06/03/25																							
Start of Operations	0	06/03/25	06/03/25	•														•								
R/V Narragansett Dawn	401d	03/19/24	09/30/25																							
Pre-Delivery Support	140d	03/19/24	09/30/24																							
Delivery	0	10/01/24	10/01/24	<b></b>							•	•														
Outfitting, Operator and Science Trials	261d	10/01/24	09/30/25																							
Start of Operations	0	09/30/25	09/30/25	<b>♦</b>																		•				
R/V Gilbert R. Mason	400d	07/22/24	01/30/26							·																
Pre-Delivery Support	140d	07/22/24	01/31/25																							
Delivery	0	02/03/25	02/03/25	<b>•</b>											•											
Outfitting, Operator and Science Trials	260d	02/03/25	01/30/26																							
Start of Operations	0	01/30/26	01/30/26	<b>•</b>																					•	

#### R/V Taani

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



- 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
    01/30/2
    - 01/30/2026

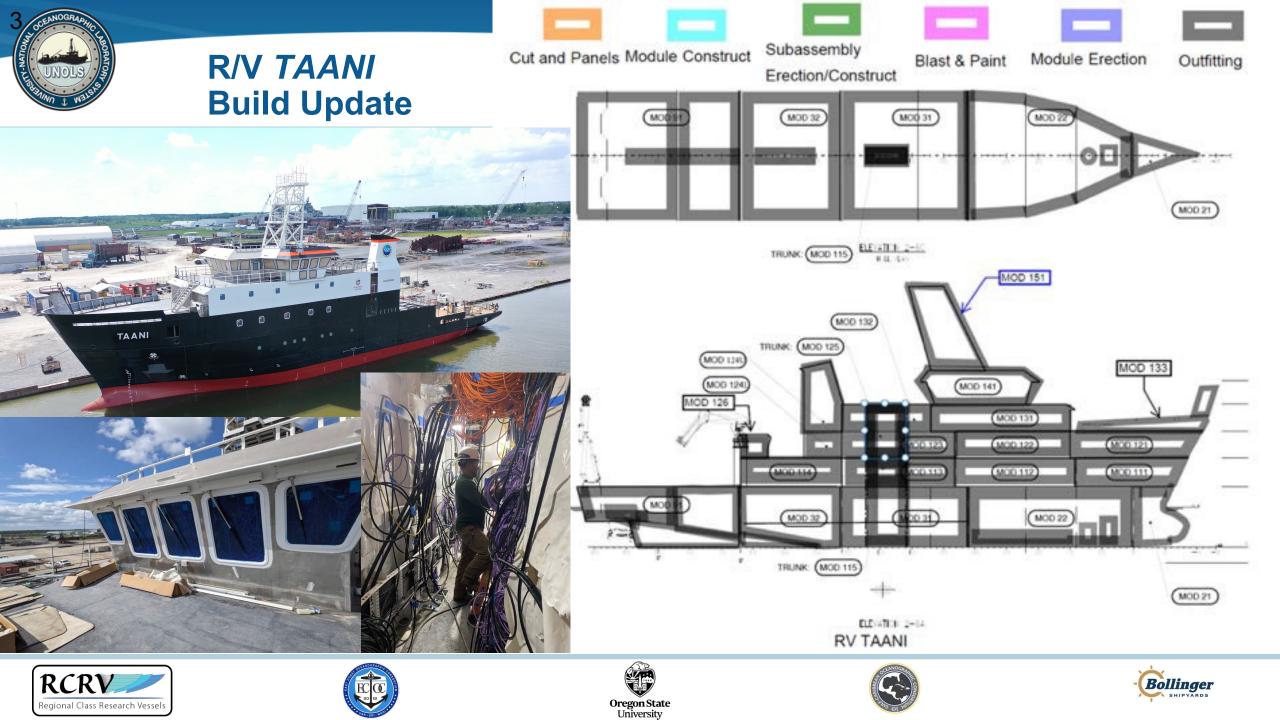


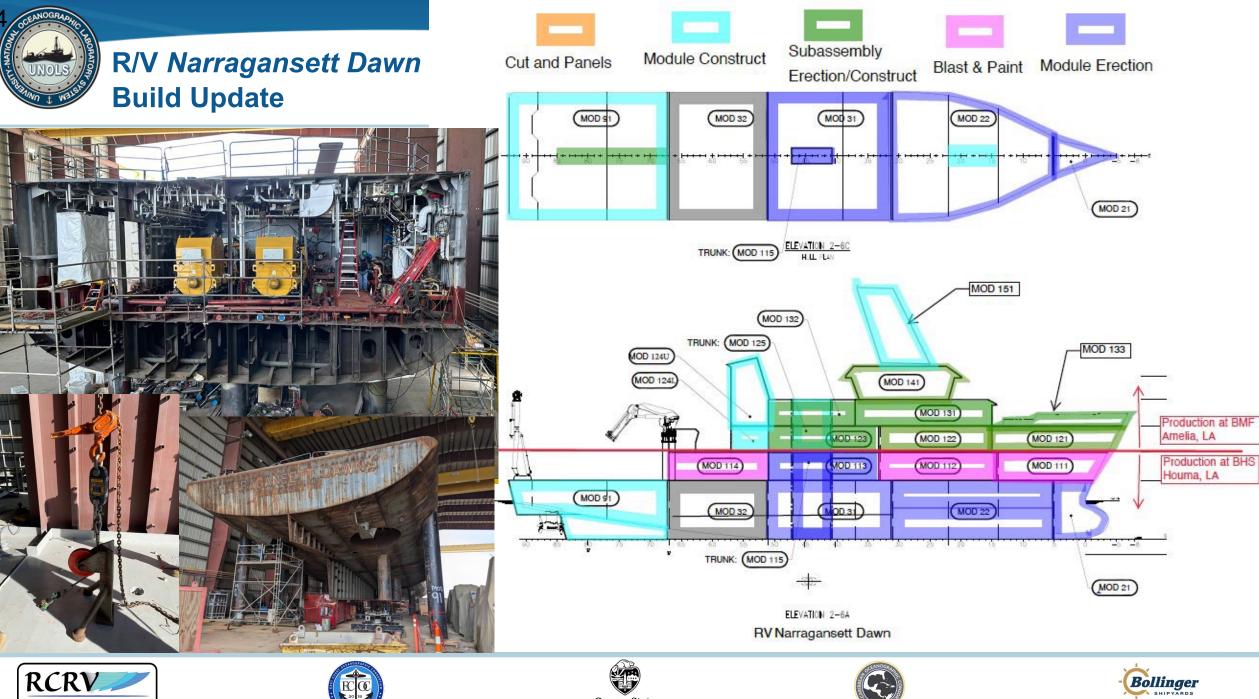






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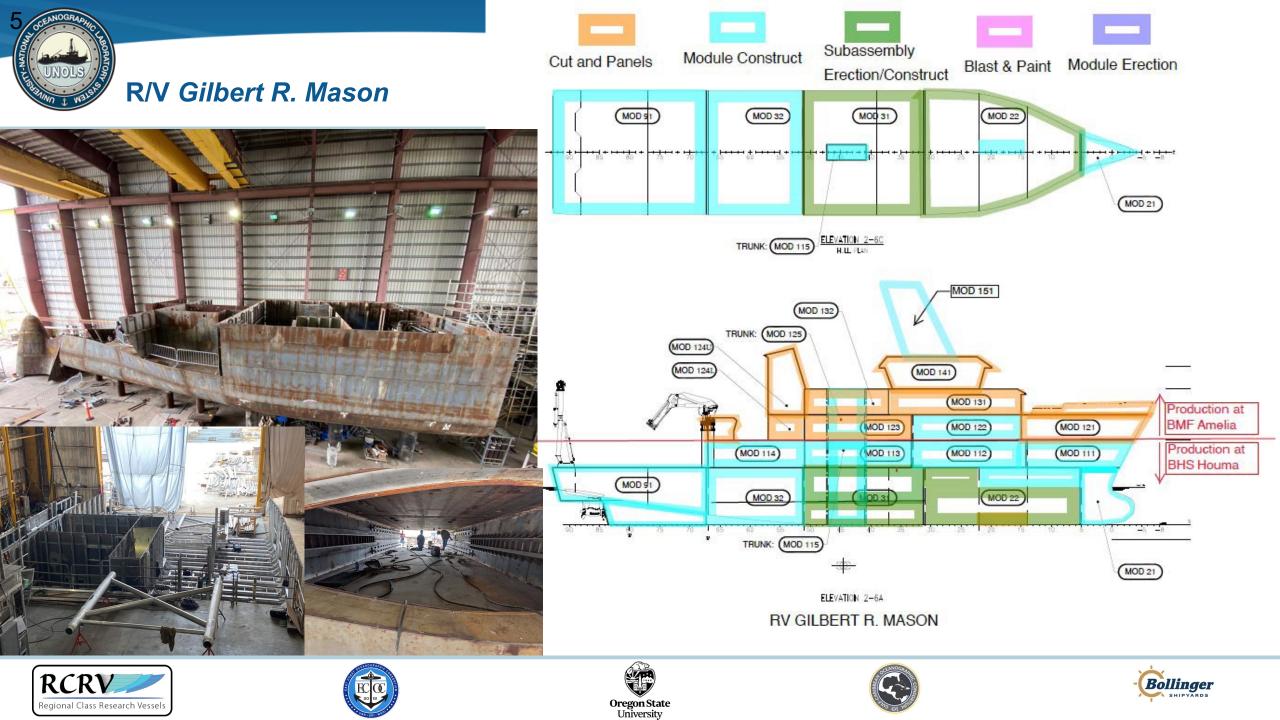














### **Transition to Operations**

## **Operations and Science Trials**

- 12-months transition plan tied to shipyard contract Delivery date.
- May 2023 Operations and Science Trials workshop
- $\circ~$  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
- o Utilizing MFP for Cruise Planning
- OI, SOC, and Expert Support
- Chief Scientists and Technicians now assigned for each trials cruise

	Task Name		Start Date	End Date		Q2			Q3	0	0.1	Q4			Q1			Q2	
4.0			00100104	00/00/04	Apr	May	Jun 🔶	Jul	Aug	Sep	Oct	Nov	Dec	Jan	Feb	Mar	Apr	May	Jun
	Delivery	0	06/03/24	06/03/24															1
13	Outfitting, Operator and Science Trials	262d	06/03/24	06/03/25															
14	Post Delivery Outfitting and Crew Familiarization at	40d	06/03/24	07/26/24				-											
15	Outfitting at BHS	30d	06/03/24	07/12/24															
16	Crew Familiarization from Deep Water Access Do	10d	07/15/24	07/26/24				-											
17	Transit to Newport, Oregon	20d	07/26/24	08/23/24															
18	Depart Houma for Newport, OR	0	07/26/24	07/26/24				•	1										
19	Deepwater Trials #1 TA2403A	20d	07/29/24	08/23/24						1									
20	Acoustic Testing	12d	07/29/24	08/13/24					<u> </u>										
21	Port Stop Puerto Rico	3d	08/14/24	08/16/24					Ľ										
22	OHS Testing	5d	08/19/24	08/23/24					ľ										
23	Transit to Homeport TA2404A	23d	08/26/24	09/25/24					1		1								
24	Home Port Arrival	0	09/25/24	09/25/24						•									
25	Home Port Ceremonies	10d	09/26/24	10/09/24						1									
26	Vessel Cleanup and Preparation	5d	09/26/24	10/02/24						1	<b>1</b>								
27	Official Ceremonies	5d	10/03/24	10/09/24							<b>L</b>								
28	Local Outfitting, Operator and Science Trials	115d	10/10/24	03/19/25															
29	Outfitting at Home Port	30d	10/10/24	11/20/24							-	-							
30	Operator and Science Trials	85d	11/21/24	03/19/25															
31	General Operations #1 TA2407A	10d	11/21/24	12/04/24								<b></b>	-						
32	Shoreside Preparation	5d	12/05/24	12/11/24									<b>i</b> .						
33	Science #1 Physical TA2408A	10d	12/12/24	12/25/24									<b>—</b>						
34	Shoreside Preparation	5d	12/26/24	01/01/25									1	-					
35	Science #2 Biological TA2408B	10d	01/02/25	01/15/25										<b>–</b> 1					
36	Shoreside Preparation	5d	01/16/25	01/22/25										<b></b>					
37	Science #3 Chemical TA2409A	10d	01/23/25	02/05/25										<b></b>	-				
38	Shoreside Preparation	5d	02/06/25	02/12/25											1				
39	Science #4 Geological TA2410A	10d	02/13/25	02/26/25											-	5			
40	Shoreside Preparation	5d	02/27/25	03/05/25												<b>İ</b> .			
41	Science #5 Education TA2410B	10d	03/06/25	03/19/25												-			
42	Warranty Haulout, and NSF Inspection	54d	03/20/25	06/03/25															1
50	Start of Operations	0	06/03/25	06/03/25															٠













# 5/18/23: Launched ~Q4/25: Ready for Funded Science

TAANI

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