



# UNOLS Report

November 2023

# RV Atlantic Explorer

Length 170 ft

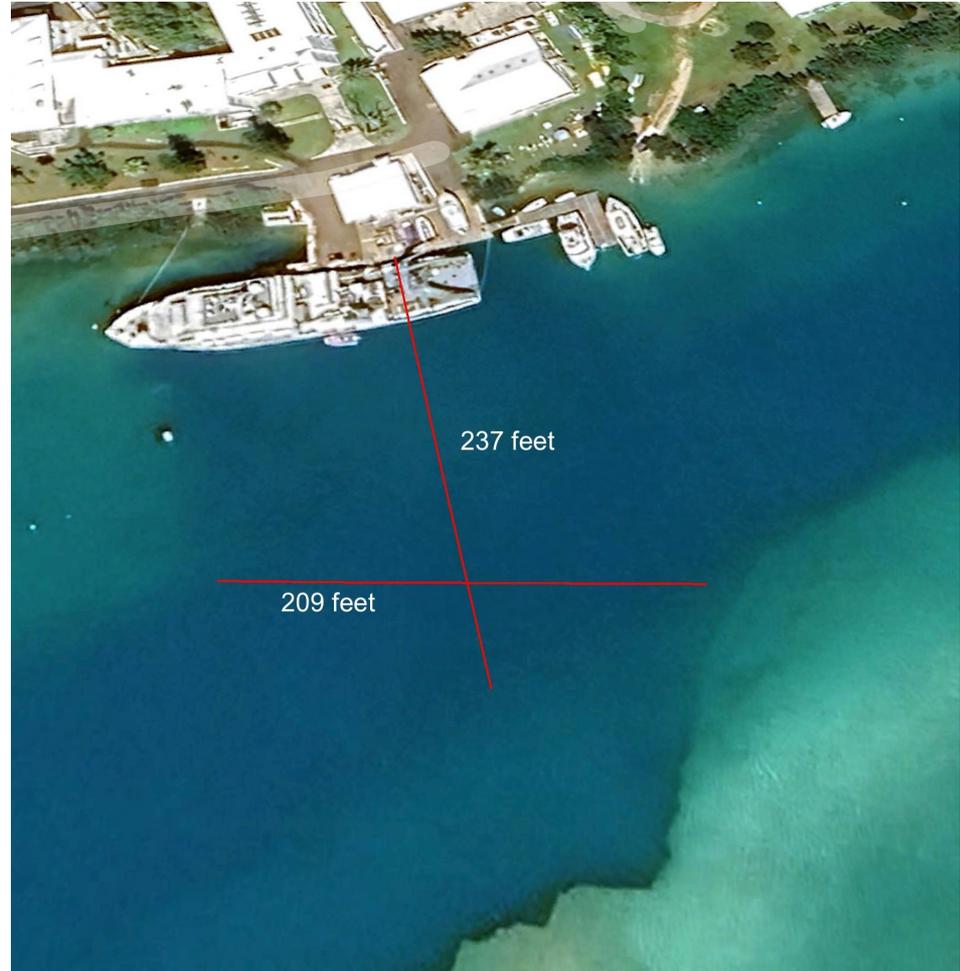
Beam 38 ft

Draft 12 ft



# Limiting Conditions

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- No agreement with Bermuda government for permanent docking in St. George's



# Science Mission Requirements

- Monohull with overall length of 155-171' and a beam of 38-40'
- Draft 11-12' with a freeboard of 5-6'
- Hold station in high sea state 5 to sea state 6
- Speed 12K, 7-9K in sea state 5, 5-7k in sea state 6
- Dynamic Positioning



# SMR Sections (Thanks to Rod Johnson)

- Design and Performance
- Lab and Science Spaces
- Deck Space and Operations
- Habitability and Accommodation
- Winches and Over the Side Handling Equipment
- Science Supported Equipment



# R/V David Packard MBARI

- Length 164 feet
- Beam 42 feet
- Draft 12 feet
- Built at Freire Shipyard in Vigo, Spain





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