



**UNITED STATES DEPARTMENT OF COMMERCE**  
**National Oceanic and Atmospheric Administration**  
**OFFICE OF MARINE AND AVIATION OPERATIONS**

**Marine Operations**  
2002 SE Marine Science Drive  
Newport, OR 97365

24 March 2022

MEMORANDUM FOR: Rear Admiral Nancy L. Hann, NOAA  
Director, Office of Marine and Aviation Operations  
and NOAA Corps

*Nancy Hann, RADM/NOAA*

THROUGH: Rear Admiral (lower half) Chad M. Cary, NOAA  
Deputy Director, Office of Marine and Aviation Operations  
and NOAA Corps

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FROM: Captain Jeffrey D. Shoup, NOAA  
Director, Marine Operations

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SUBJECT: NOAA Ships Recommended for Designation as Unusually Arduous  
Sea Duty in Calendar Year 2022

The detailed schedules of NOAA ships for calendar year 2022 were reviewed based on the latest approved FY2022 Fleet Allocation Plan (dated 4 October 2021), and NOAA fleet operational assumptions for the first three months of FY2023. NOAA vessels designated as unusually arduous sea duty must meet the following two criteria:

- 1) The projected absences of the ship from its home port will exceed 183 calendar days in the calendar year;
- 2) Members will not be allowed to return to home port frequently.

After reviewing the prescribed criteria and the operational demands on the fleet, in accordance with OMAO Policy 1201-Designation of Unusually Arduous Sea Duty, I recommend the following commissioned and currently operational NOAA ships be designated as unusually arduous for calendar year 2022: *Bell M. Shimada, Fairweather, Ferdinand Hassler, Okeanos Explorer, Oregon II, Oscar Dyson, Pisces, Rainier, Ronald H. Brown, Thomas Jefferson*. If changes to ship schedules warrant additional designations of unusually arduous status later in the year, Marine Operations will generate a memorandum requesting those submissions.

