

March 30, 2026

Mr. Maninder Grewal
MISC Ship Management (USA) LLC
1900 West Loop South, Suite 920
Houston, Texas 77027
mgrewal@miscbhd.com

Dear Mr. Maninder:

California Air Resources Board (CARB) has reviewed MISC Ship Management's (MISC) test plan for the vessels Eagle Bintulu and Eagle Brasilia to use liquified natural gas (LNG)/dual-fuel auxiliary generators and tanker auxiliary boilers.

On September 29, 2025, MISC submitted "Measure Procedure Rev 0" (Test Plan, Version 1) to be used for compliance with the 2020 Control Measure for Ocean-Going Vessels At Berth (2020 At Berth Regulation). CARB staff previously met with MISC on August 19, 2025, to review a working draft of the Test Plan and provide guidance with the 2020 At Berth Regulation. CARB reviewed Test Plan, Version 1, provided comments on November 6, 2025, and received a revised version (Version 2) on November 12, 2025.

Approval and Conditions

CARB approves the revised test plan submitted on November 12, 2025, under the requirements of the 2020 At Berth Regulation (title 17, Cal. Code Regs. §§ 93130 et seq.) and CARB's Recommended Emissions Testing Guidelines for Ocean-Going Vessels.

This approval is based on the auxiliary generator operating in dual-fuel mode with LNG as the primary fuel, tanker auxiliary boiler operating on LNG, and the procedures described in the Test Plan. No changes to the fuel modes, auxiliary generators, tanker auxiliary boilers, or testing procedures are allowed without prior CARB approval. Testing may only be conducted on the two vessels, the Eagle Bintulu and Eagle Brasilia, described in the Test Plan.

To receive Executive Order (EO) approval for operating the vessels as described, MISC must:

- Complete all testing outlined in the approved Test Plan.
- Submit all test reports to CARB.

Any deviation from the approved Test Plan without prior CARB approval may result in the application being deemed incomplete or disapproved by CARB's Executive Officer. Examples of deviations include:

- Testing on additional vessel visits not included in the Test Plan.

- Operating outside the approved fuel modes or system configuration.

CARB may request results from any additional testing beyond what is described in the Test Plan.

Use of Research Exceptions

MISC explained that testing will be done at berth outside of California, therefore no vessel visits may qualify for research exceptions for the approved Test Plan under sections 93130.8(d) or 93130.10(e). If research exceptions are necessary to conduct testing in California, MISC must reach out to CARB prior to the vessel's arrival where testing would occur.

If you have any questions, please contact Angela Csondes, Manager, Marine Strategies Section, at angela.csondes@arb.ca.gov.

Sincerely,



Bonnie Soriano, Chief, Freight Activity Branch, Transportation and Toxics Division

Attachment: *Measurement Procedure Rev.1.pdf*

cc: Angela Csondes, Section Manager, Marine Strategies Section