NIPPON KAIJI KYOKAI

CERTIFICATE OF APPROVAL FOR FIRMS ENGAGED IN COMMITIONING TESTING OF BALLAST WATER MANAGEMENT SYSTEMS

Certificate No. : **22TZ467**
Approval No. : **22BW019**

THIS IS TO CERTIFY that

SPECTRUMLABS S.A.

49 EFPLIAS STR., PIRAEUS, GREECE

is approved as a firm engaged in commissioning testing of ballast water management systems under the Society's Rules for Approval of Manufacturers and Service Suppliers incorporating IACS UR Z17, as amended.

This certificate is valid until **12 October 2027** subject to periodical assessment.

Issued at Tokyo on 13 October 2022.

See the conditions on the reverse.

NIPPON KAIJI KYOKAI

(M. Inoue)
General Manager of Survey Department

ClassNK

This is to certify that the firm has been periodically or occasionally assessed in accordance with the regulations of Chapter 2, Part 1 of the Rules for Approval of Manufacturers and Service Suppliers.

Due Range of Periodical Assessment: *between 13 October 2024 and 12 October 2025*

Periodical Assessment

Date 10 October 2025

Signature

Surveyor to NIPPON KAIJI KYOKAI

Occasional Assessment

Date _____

Signature _____

Surveyor to NIPPON KAIJI KYOKAI

Conditions for Approval:

1. The firm is engaged in the analysis listed in the attachment.
2. The service has been properly conducted and reported in accordance with the requirements of the Rules and the relevant Regulations.
3. Where there is any alteration to the service approved by this certificate, the Firm should notify immediately to the Society.

NIPPON KAIJI KYOKAI

Attachment to
Certificate Number 22TZ467

Organism size class	Indicative analysis (Method / Type of Equipment/ Manufacturer)
≥50 μm	ATP / B-QUA / LuminUltra
≥10 and <50 μm	ATP / B-QUA / LuminUltra

Subcontractor:
ALPHA MARINE ENGINEERING

-- The End --