Certificate No: LR2561136TA
Issue Date: 14/05/2025
Expiry Date: 13/05/2030

Type Approval Certificate of Ballast Water Management System

This is to certify that the Ballast Water Management System listed below has been examined and tested in accordance with the requirements of the specifications contained in the Code for Approval of Ballast Water Management Systems (resolution MEPC.300(72)). This certificate is valid only for Ballast Water Management system referred to below, on behalf of the Norwegian Maritime Authority (NMA).

This certificate is issued to

Manufacturer	**Knutsen Ballast Water AS**
Address	Sundgata 109, Haugesund, 5527, Norway
Ballast Water Management System supplied:	KBAL BWMS
Under type and model designation and incorporating:	KBAL400, KBAL1200, KBAL1500, KBAL2000 and KBAL3000
Ballast Water Management System manufactured by:	Knutsen Ballast Water AS
To equipment/ assembly drawing No:	Refer to document DAD to LR2561136TA **Date:** 14/05/2025
Other equipment manufactured by:	Refer to document DAD to LR2561136TA
To equipment/ assembly drawing No:	Refer to document DAD to LR2561136TA **Date:** 14/05/2025

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Ivan Lines

Engineering Environment - Senior Specialist
to Lloyd's Register EMEA
A member of the Lloyd's Register group

71 Fenchurch Street, London, EC3M 4BS, United Kingdom

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Treatment Rated Capacity:	400 to 3000	**m^3/h**

A copy of this Type Approval Certificate should be carried on board a vessel fitted with this Ballast Water Management System at all times. A reference to the test protocol and a copy of the test results should be available for inspection on board the vessel. If the Type Approval Certificate is issued based on approval by another Administration, reference to that Type Approval Certificate shall be made.

Limiting Operating Conditions imposed as described in the Design Appraisal Document forms part of this certificate. This certificate remains valid up to the expiry dated unless cancelled or revoked, or until such date where it is superseded by the requirements of the Marine Equipment Directive whichever is the earlier, provided the conditions in the attached schedule are complied with and the equipment remains satisfactory in service.

Note:
This certificate is not valid for equipment, the design or manufacture of which has been varied or modified from the P&I drawings and components cited within this certificate. The equipment of supplied system must be as per the specimen tested or a scaled version of it, as per the systems configuration cited in this certificate. The manufacturer should notify the nominated body named on this certificate of any modification or changes to the equipment in order to obtain a valid Certificate.

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