

TYPE APPROVAL CERTIFICATE

This is to certify:**That the Stern Tube Seal**with type designation(s)
PRIME Blue

Issued to

Aegir Marine B.V.
Wijk bij Duurstede, Utrecht, Netherlands

is found to comply with

DNV GL rules for classification – Ships**DNV GL rules for classification – High speed and light craft****Application :****The stern tube seal assembly is approved for shafting arrangements with water lubricated stern tube bearings.****Survey interval for the propeller shaft: see page 2 of the certificate.****Products approved by this certificate are accepted for installation on all vessels classed by DNV GL.**Issued at **Høvik** on **2018-07-25**This Certificate is valid until **2023-07-24**.for **DNV GL**DNV GL local station: **Rotterdam, Product Certification /Verification**Approval Engineer: **Nadine Grace Mosteiro Halvorsen**

Oddvar Deinboll
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.



Job Id: **262.1-016807-2**
Certificate No: **TAM00000YA**

Product description

Stern tube shaft seal for water lubricated bearing systems.

Type: PRIME Blue
Shaft diameter: 41 mm to 700 mm

Application/Limitation

Survey interval for the propeller shaft to be according to the Rules Pt.7, Ch.1, Sec.1 [1.6.6].

Type Approval documentation

Tests carried out

Other conditions

Material test report for sealing rings to be presented to DNV GL per installation, ref. Pt.4 Ch.4 Sec.1 [3.1.1] Table 8 (applicable from January 2019).

Marking of product

The product to be marked with manufacturer's name or trademark and type number identification.

Periodical assessment

For retention of the type approval, a DNV GL surveyor shall perform an assessment after 2 years and after 3.5 years, both referring to the issue date of the type approval certificate to verify that the conditions of the type approval are complied with. A renewal assessment will be performed at renewal of the certificate.

In cases where the type approved product is manufactured at other companies, the periodical assessment shall verify that the type approval applicant has a quality control system for consistent production at their licensees/subcontractors. Furthermore, periodical assessment shall be carried out randomly at these companies.

END OF CERTIFICATE