

## TYPE APPROVAL CERTIFICATE

No. MAC113817XG

Enclosure - Page 1 of 1

### **Reference documents**

PSS Shaft Seal Catalogue and PSS Shaft Seal drawings approved with HMMC-3013 and HMMC-3015, File 2012XG01571; Report No. HMMC/2012/137/MBT, dated 14.05.2012 and Report No. HMMC/2017/00543/MRCCI dated 13.07.2017

### **Fields of application**

Sealing Inboard Drive Shafts.

### **Materials / Components**

See Material Specification of Approved Drawings.

### **Technical characteristics**

According to Reference Documents.

- PSS Shaft Seal Type A: Shaft diameter 22mm to 95mm or 3/4" to 3 3/4"
- PSS Shaft Seal Type B: Shaft diameter 100mm to 150mm or 4" to 6"

### **Acceptance conditions**

For each supply intended to propulsion systems of RINA Classed ships, an information letter including type of shaft seal, hull number and shipyard or ship name is to be sent to RINA Hamburg Office.

Shaft seal is to be periodically inspected as per manufacturer instructions.

The acceptance of the above mentioned products on board ships and other units classed with RINA is subject to the satisfactory outcome of testing as per the RINA Rules

### **Remarks**

This certificate can be withdrawn in case of unsatisfactory working results of products, changes in RINA Rules or Law Acts coming into force.

The society must be kept informed of any changes in the product characteristics.  
This certificate replaces previous one MAC057112XG.

**HAMBURG July 13, 2017**





**TYPE APPROVAL CERTIFICATE**  
**No. MAC113817XG**

**This is to certify** that the product identified below is in compliance with the regulations herewith specified.

|                             |                                                  |
|-----------------------------|--------------------------------------------------|
| <i>Description</i>          | <b>Sterntube seals</b>                           |
| <i>Type</i>                 | <b>PSS Shaft Seal</b>                            |
|                             | <b>PSS SHAFT SEAL: TYPE A</b>                    |
|                             | <b>PSS SHAFT SEAL: TYPE B</b>                    |
| <i>Applicant</i>            | <b>SEAVIEW-PROGRESS</b>                          |
|                             | <b>85 RUE LOUIS LEPINE</b>                       |
|                             | <b>83600 Fréjus</b>                              |
|                             | <b>FRANCE</b>                                    |
| <i>Manufacturer</i>         | <b>SEAVIEW-PROGRESS</b>                          |
| <i>Place of manufacture</i> | <b>85 RUE LOUIS LEPINE</b>                       |
|                             | <b>83600 FRÉJUS</b>                              |
|                             | <b>FRANCE</b>                                    |
| <i>Reference standards</i>  | <b>Part C, Chapter 1 Section 7 of RINA Rules</b> |
| <i>Reference documents</i>  | <b>RINA Type Approval System</b>                 |

*Issued in* **HAMBURG** on **July 13, 2017**. *This Certificate is valid until* **July 12, 2022**

**RINA Services S.p.A.**  
**Giuseppe Russo**

This certificate consists of this page and 1 enclosure

