DNV·GL

CERTIFICATE FOR VALVE - PRESSURE REDUCING

Particulars of Vendor and Purchaser

| Vendor: | Skipper Electronics AS |
|-----------------------------|------------------------|
| Vendor reference: | |
| Purchaser: | |
| Purchaser reference: | |
| Particulars of Product | |
| The product is intended for | |
| Yard: | - |
| Yard No: | - |

| | - | - | - | - | - | - | | | | | - | - | - | - | - | - | - | | | | - | - | - | | - |
|-----------------|---|------------|----|---|---|---|------|------|------|------|---|---|---|---|---|---|---|------|------|------|---|---|---|------|---|
| Name of Vessel: | _ | <u>`</u> - | -‴ | _ | _ | | | | | | _ | _ | _ | _ | _ | _ | _ | | | | _ | _ | _ | | _ |
| DNV GL Id No: | _ | _ | _ | _ | _ | | | | | | _ | _ | _ | _ | _ | _ | _ | | | | _ | _ | _ | | _ |

This is to certify

| that the product: | Gate Valve - Pressure reducing |
|----------------------|---------------------------------------------------------------------------------------------|
| Type designation: | _SB-100-SB |
| Application/context: | The gate valve may be used in conjunction with installation of speed log or echo sounder |
| Serial/tag no: | _14508 |

Has been found to comply with relevant requirements in: **DNV Rules for Classification: Ships and HSLC**

The product / material has been marked: N1402WMS on: Valve housing

Issued at Oslo Maritime and CAP on 2015-01-05



for **DNV GL**

This document has been digitally signed and will therefore not have handwritten signatures. **Karlsen, Håkon**

Surveyor

Certificate No: N1402WMS

Linked Type Approvals: S-8070,

Surveyor Supplementary information: The valve housing has been subjected to a hydro-static pressure test, and the valve assembly to a seat leakage test to 5 bar. Holding time 5 minutes.

Manufacturing Survey Arrangement No: R-2164

Quality System Certificate No: TI151 ISO 9001:2008