



Certificate No: N1405ZJ9

| Ì | <b>Particul</b> | are   | of  | Vend  | or:  | and  | Purch | aser  |
|---|-----------------|-------|-----|-------|------|------|-------|-------|
|   | rai utui        | a 1 3 | UI. | vellu | UI ( | allu | ruici | ıascı |

| Vendor:                     | Skipper Electronics AS  |
|-----------------------------|---|
| Vendor reference:           |   |
| Purchaser:                  |   |
| Purchaser reference:        |   |
| Particulars of Product      |   |
| The product is intended for |   |
| Yard:                       | -   |
| Yard No:                    | - <del>-</del>  |
| Name of vessel:             | <u>"STOCK "</u>   |
| DNV GL Id No:               | - <del>-</del>  |
| This is to certify          |   |
| that the product:           | _Valve  |
| Type designation:           | SB-100-SB   |
| Application/context:        | The valve may be used in conjunction with installation of speed log or echo sounder |
| Serial/tag no:              | _15108  |
|                             |   |

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

The product / material has been marked: N1405ZJ9 on: Valve housing

Issued at Oslo Maritime and CAP on 2015-04-29



## for **DNV GL**

This document has been digitally signed and will therefore not have handwritten signatures.

> Karlsen, Håkon Surveyor

Certificate No: N1405ZJ9

## **Linked Type Approvals:**

S-8070, Bottom Penetration for Echo Sounder, Sonar or Log

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** 

Form code: 71.03a Revision: 2014-10 www.dnvgl.com Page 2 of 2