



Certificate No: **N1413XZD** Rev.01

| 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: | _15309 |
| Has been found to comply with red DNV Rules for Classification: S | |
| The product is intended for | |
| Yard: | |
| Yard No: | |
| Name of vessel: | <u>"stock "</u> |
| DNV GL Id No: | - - |
| The product / material has been | en marked: N1413XZD on: Valve housing |
| Particulars of Vendor and | l Purchaser |
| Vendor: | Skipper Electronics AS |
| Vendor reference: | |
| Purchaser: | |
| Purchaser reference: | |
| | |

Issued at Station Oslo Maritime and CAP on 2015-09-16

for **DNV GL**

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

Karlsen, Håkon Surveyor

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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: 2015-04 www.dnvgl.com Page 2 of 2