

**CERTIFICATE**  
FOR VALVE - PRESSURE REDUCINGCertificate No:  
**N1415B0W****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: **16152**

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

The product is intended for

Yard: -

Yard No: -

Name of vessel: **STOCK**

DNV GL Id No: -

**The product / material has been marked: N1415B0W on: Valve housing****Particulars of Vendor and Purchaser**


Vendor: **Skipper Electronics AS**

Vendor reference: \_\_\_\_\_

Purchaser: \_\_\_\_\_

Purchaser reference: \_\_\_\_\_

Issued at **Station Oslo Maritime and CAP** on **2016-07-06**for **DNV GL**This document has been digitally signed and  
will therefore not have handwritten signatures**Karlsen, Håkon**  
**Surveyor**



Certificate No: **N1415B0W**

**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**