

**CERTIFICATE**  
FOR VALVE - PRESSURE REDUCING

Certificate No:  
**N1413XZE**  
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: **15310**

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: N1413XZE 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 **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**