

# CERTIFICATE

FOR VALVE

Certificate No:  
**N1413XXR**

## 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: **15235**

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: N1413XXR on: Valve housing**

## Particulars of Vendor and Purchaser

Vendor: **Skipper Electronics AS**  
 Vendor reference: **-**  
 Purchaser: **-**  
 Purchaser reference: **-**


Issued at **Oslo Maritime and CAP** on **2015-09-01**



for **DNV GL**

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

**Karlsen, Håkon**  
**Surveyor**



Certificate No: **N1413XXR**

**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**