

CERTIFICATE

FOR VALVE

Certificate No:
N1413XZ4

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: **15300**

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: N1413XZ4 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: **N1413XZ4**

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