

CERTIFICATE
FOR VALVE - PRESSURE REDUCING

This is to certify

that the product: **Valve**
Type designation: **DB-100-SB**
Application/context: **The valve may be used in conjunction with installation of speed log or echo sounder**
Serial/tag no: **17103**

Has been found to comply with relevant requirements in:
DNVGL-RU-SHIP :DNV GL Rules for classification – Ships, (2016-01)

The product is intended for

Yard: -
Yard No: -
Name of vessel: **STOCK**
DNV GL Id No: -

The product / material has been marked: N141ANAV on: Valve housing

Particulars of Vendor and Purchaser

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


Issued at **Oslo Maritime and CAP** on **2017-05-22**



for **DNV GL**

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

Jacobsen, Thomas Rørvik
Surveyor



Certificate No: **N141ANAV**

Linked Type Approvals:

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