

CERTIFICATE
FOR VALVE - PRESSURE REDUCING

Certificate No:
N141KBV1

This is to certify

that the product:	Valve
Type designation:	SB-100-SA
Application/context:	The valve may be used in conjunction with installation of speed log or echo sounder
Serial/tag no:	18319

Has been found to comply with relevant requirements in:
DNVGL-RU-SHIP :DNV GL Rules for classification – Ships (2017-07)

The product is intended for

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

The product / material has been marked: N141KBV1 on: Valve housing

Particulars of Vendor and Purchaser

Vendor:	Skipper Electronics AS
Vendor reference:	
Purchaser:	
Purchaser reference:	


Issued at **Oslo Maritime and CAP** on **2018-12-05**



for **DNV GL**

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

Karlsen, Håkon
Surveyor



Certificate No: **N141KBV1**

Linked Type Approvals:

TAS00001J9, 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: MSARC0000B3Z

Quality System Certificate No: TI151 ISO 9001:2015