

CERTIFICATE
FOR VALVE - PRESSURE REDUCINGCertificate No:
N141E8F9**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:	17177

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: N141E8F9 on: Valve housing

Particulars of Vendor and Purchaser

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


Issued at **Oslo Maritime and CAP** on **2017-08-29**



for **DNV GL**

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

Karlsen, Håkon
Surveyor



Certificate No: **N141E8F9**

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