

CERTIFICATE FOR VALVE - PRESSURE REDUCING

This is to certify	
that the product:	Valve Assembly
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:	22495
Has been found to comply with rele DNV-RU-SHIP :Rules for classific	
The product is intended for	
Yard:	_ _
Yard No:	_ _
Name of vessel:	STOCK
DNV Id No:	
The product / material has been r	marked: N142B30C on: Valve housing
Particulars of Vendor and F	Purchaser
Vendor:	Skipper Electronics AS
Vendor reference:	
Purchaser:	
Purchaser reference:	

Issued at Oslo Maritime and CAP on 2022-12-19



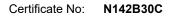
for **DNV**

This document has been digitally signed and will therefore not have handwritten signatures **Karlsen, Håkon**

Surveyor

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.







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