



Certificate No: **N141X87K**

This is to certify	
that the product:	Valve Assembly
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:	20305
Has been found to comply with relevant requirements in: DNVGL-RU-SHIP :DNV GL rules for classification: Ships (2019-07)	
The product is intended for	
Yard:	
Yard No:	
Name of vessel:	FOR STOCK
DNV GL Id No:	-
The product / material has been marked: N141X87K on: Valve housing Particulars of Vendor and Purchaser	
Vendor:	Skipper Electronics AS
Vendor reference:	
Purchaser:	
Purchaser reference:	



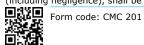
Issued at Oslo Maritime and CAP on 2020-11-10

for **DNV GL**

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

Karlsen, Håkon Surveyor

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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

Form code: CMC 201 Revision: 2020-02 www.dnvgl.com Page 2 of 2