

CERTIFICATE FOR VALVE - PRESSURE REDUCING

Certificate No: **N1422A29**

This is to certify	
that the product:	Valve Assembly
Type designation:	SB-200-ECHO
Application/context:	The valve may be used in conjunction with installation of speed log or echo sounder
Serial/tag no:	20345
Has been found to comply with rele DNVGL-RU-SHIP :DNV GL rules f	vant requirements in: for classification: Ships (2019-07)
The product is intended for	
Yard:	
Yard No:	
Name of vessel:	STOCK
DNV GL Id No:	_
The product / material has been	n marked: N1422A29 on: Valve housing
Particulars of Vendor and	Purchaser
Vendor:	Skipper Electronics AS
Vendor reference:	Valve certificates 14 12 2020
Purchaser:	
Purchaser reference:	



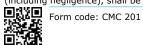
Issued at Oslo Maritime and CAP on 2020-12-16

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:

TAS00001FU, 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