

CERTIFICATE FOR VALVE - PRESSURE REDUCING

Certificate No: N141X82K

that the product: Type designation: Application/context: The valve may be used in conjunction with installation of speed log or echo sounder Serial/tag no: 20090 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: DNV GL Id No: The product / material has been marked: N141X82K on: Valve housing Particulars of Vendor and Purchaser Vendor: Vendor: Skipper Electronics AS Vendor reference: 14.04.2020 Purchaser:	This is to certify	
Application/context: The valve may be used in conjunction with installation of speed log or echo sounder Serial/tag no: 20090 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: STOCK DNV GL Id No: - The product / material has been marked: N141X82K on: Valve housing Particulars of Vendor and Purchaser Vendor: Skipper Electronics AS Vendor reference: 14.04.2020	that the product:	Valve
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Particulars of Vendor and Purchaser Vendor: Skipper Electronics AS Vendor reference: 14.04.2020	DNV GL Id No:	_
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Vendor reference: 14.04.2020	Particulars of Vendor and	d Purchaser
	Vendor:	Skipper Electronics AS
Purchaser:	Vendor reference:	14.04.2020
	Purchaser:	
Purchaser reference:	Purchaser reference:	

Issued at Oslo Maritime and CAP on 2020-04-15



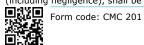
for **DNV GL**

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

> Karlsen, Håkon Surveyor

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Revision: 2020-02



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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