

Manufacturer's Declaration of Conformity (MDoC)

This is to certify that the following product:

Product Identification	Type
Echo-sounding equipment	SKIPPER ESN 100

meets the following SOLAS 74 and IMO requirements:

Type approval requirements	Carriage and performance requirements
SOLAS 74 Reg. V/18	SOLAS 74 Reg. V/19
SOLAS 74 Reg. X/3	IMO Res. A.224 (VII)
IMO Res. MSC.36(63)	IMO Res. A.694(17)
IMO Res. MSC.97(73)	IMO Res. MSC.36(63)
	IMO Res. MSC.97(73)
	IMO Res. MSC.191(79)
	IMO Res. MSC.74(69)
	IMO Res. MSC.302(87)

and is tested to, and conforms with the following standards:

Standard	Test
ISO 9875 (2006)	Performance Tests
IEC 60945 (2002) incl. IEC 60945 Corr.1 (2008)	Environmental Tests
IEC 61162-1 (2016)	Serial Interface Tests
IEC 61162-450 (2018)	Serial Interface Tests
IEC 62288 (2014)	Display Tests
IEC 62923-1 (2018)	Bridge Alert Management
IEC 62923-2 (2018)	Bridge Alert Management

supported and documented by the following certificates:

Requirements	Issuer	Certificate No.	Expiry
Regulation (EU) 2021/1158 MED-B – Item MED/4.7	DNV Notified Body: 0575	MEDB00001YG rev. 1	2026-08-25
Regulation (EU) 2023/1667 Annex II - MED-D - Item MED/4.7	DNV Notified Body: 0575	MEDD00001AF rev. 6	2027-09-27
ISO 9001:2015	Nemko	NO-801501	2027-11-17

This declaration of conformity has been issued according to European Council Directive 2014/90/EU of 23 July 2014 Marine equipment.

Oslo 13.11.2024



Cathrine Brecht, QHSE Manager

Warranty:

Jotron Skipper AS gives 12 months limited guarantee on all deliveries from Jotron Skipper AS, Norway.

Please note that if the equipment is delivered by a third party, the third party's warranty conditions may apply. All warranty requests should be sent to the local supplier of the equipment.

Utilization:

This equipment is not to be disposed in normal waste but be handled in accordance with applicable waste disposal regulations in the country where the equipment is used.