

Declaration of Conformity

Navico declares that the following product complies with the requirements of Marine Equipment Directive 2014/90/EU (MED) and the COMMISSION IMPLEMENTING REGULATION (EU) 2018/773.

The assessment has been carried out in accordance with Module B and D of the above directive.

Manufacturer: NAVICO HOLDING AS

Address: Nyåskaiveien 2, 4374 Egersund - Norway

Trademark: SIMRAD

Product: Maris ECDIS900 MK4, MK5, MK10 & MK15

Expired Date: 2019-08-10

Requirements regulations/standards:

SOLAS 1974 as amended, Reg. V/19	IMO Res. A.694(17)
IMO Res. MSC.191(79)	IMO Res. MSC.232(82)
IMO SN.1/Circ.266	

Testing standards:

IEC 61174 Ed. 4.0(2015-08)	IEC 60945(2002), Corrigendum 1(2008)
IEC 61162-1(2010)	IEC 61162-2(1998)
IEC 62288 Ed.2 (2014-07)	IEC 61162-450 Ed.1.0 (2011-06)

Certificates:

Notified Body name:	CRS	Notified Body N°:	2489
MK4/MK10 Certificate Module B:	03-001577/031279	Certificate Module D:	03-001581/031279 rev.1
MK5 Certificate Module B:	03-001578/031279		
MK15 Certificate Module B:	03-001579/031279		






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List of units:

Item	Type number	Description Maris ECDIS900 MK4
1	11291	Maris ECDIS900 MK4 PC
2	-	Hatteland 20" MMD
3	11211	Hatteland 23" MMD
4	11281	Hatteland 26" MMD
5	-	Hatteland 27" MMD
6	000-12521-xxx or 151-10463-xxx	Hatteland Monitor 24 OEM Series-X
7	11559 or 151-10464-xxx	Hatteland Monitor 26 OEM Series-X
8	11240	Hatteland 19" MMD (JH19T14)
9	11506	Hatteland 24" Industrial Display HD24T21 STD-MA4-FAGA
10	11346	Serial: External SIS400 (8 x RS485/RS422 ports)
11	-	Serial: Internal Moxa CP114/118 (4/8 x RS485/RS422 ports)
12	11298	Network: External witch LAN4000 (10 x RJ45)
13	-	USB ports: Internal 10 x USB 2.0 and 1.1 Type-A
14	11197	Keyboard CHERRY – US/English, USB
15	11008	Logitech Marble USB mouse
16	11346	SIS4000 MK2-8CH Serial to LAN

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Item	Type Number	Description Maris ECDIS900 MK10
1	11037	SmartLine FPC MK10
2	-	Serial: Internal Moxa CP114/118 (4/8 x RS485/RS422 ports)
3	11346	Serial: External SIS400 (8 x RS485/RS422 ports)
4	11298	Network: External External Switch LAN4000 (10 x RJ45)
5	-	USB ports: Internal 10 x USB 2.0 and 1.1 Type-A
6	000-12549-xxx	Maris ECDIS900 CT&A Cable
7	11197	Keyboard CHERRY – US/English, USB
8	11008	Logitech Marble USB mouse
9	000-12262-00x /151-10382-00x	Logitech M570
10	11346	SIS4000 MK2-8CH Serial to LAN
Item	Type Number	Description Optional Equipment
1	000-12262-xxx	Logitech Wireless Trackball M570
2	11393	Radar Interface Box – MK 6.0
3	11153	Keyboard OP2010
4	000-12524-xxx & 000-12525-xxx	Keyboard OP3000
5	11298	ECDIS Network Switch
Item	Type number	Description Maris ECDIS900 MK15
1	000-12526-001	Computer + Display MARIS MK15 FPC 24" 4S (Internal serial adapter 4 x RS485/RS422 ports)
2	000-12548-001	Computer + Display MARIS MK15 FPC 24" 4S (Internal serial adapter 4 x RS485/RS422 ports)
3	000-12547-001	Computer + Display MARIS MK15 FPC 19" 4S (Internal serial adapter 4 x RS485/RS422 ports)
4	11515	Computer + Display MARIS MK15 FPC 24" (No internal serial adapter)
5	000-12564-001	External serial adapter Hatteland FPC NMEA0183 4 port Expander: 4 x RS485/RS422 ports
6	-	Internal Ethernet adapter 2 x RJ45
7	11298	External ECDIS Network Switch (8 x RJ45)
8	-	USB ports: Internal 3 x USB 2.0 Type-A and 1 x USB 1.1 Type-A
9	000-12549-xxx	Maris ECDIS900 CT&A Cable
10	11197	Keyboard CHERRY – US/English, USB
11	11008	Logitech Marble USB Mouse
12	000-12262-00x /151-10382-00x	Logitech M570
13	11346	SIS4000 MK2-8CH Serial to LAN
14	000-12262-xxx	Logitech Wireless Trackball M570

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15	11393	Radar Interface Box – MK 6.0
16	11153	Keyboard OP2010
17	000-12524-xxx & 000-12525-xxx	Keyboard OP3000
18	11298	ECDIS Network Switch
Item	Type number	Description Maris ECDIS900 MK5
1	000-12425-xxx and 151-10462-xxx	Maris ECDIS900 MK5 PC
2	000-12522-001	Bracket for Maris ECDIS900 MK5 PC Dell
	000-11781-xx and 151-10380-xxx	Simrad Monitor M5024
	000-12426-00x	Simrad Monitor M5027
2	JH20T17	Hatteland 20" MMD
3	JH23T14	Hatteland 23" MMD
4	JH26T11	Hatteland 26" MMD
5	JH27T11	Hatteland 27" MMD
6	000-12521-xxx or 151-10463-xxx	Hatteland Monitor 24 OEM Series-X
7	000-12521-xxx or 151-10464-xxx	Hatteland Monitor 26 OEM Series-X
8	000-12264-xxx and 151-10381-xxx	Simrad E0102 – Alarm panel (with M5024 only)
9	000-12549-xxx	Maris ECDIS900 CT&A Cable
10	11197	Keyboard CHERRY – US/English, USB
11	000-12262-00x / 151-10382-00x	Logitech M570 Mouse
12	11346	SIS4000 MK2-8CH Serial to LAN

I, the undersigned, hereby declare that the equipment specified above conforms to the above Directive(s) and standard(s) for sale in the European community.

Authorized representative in EU	
Place:	NAVICO Holding AS, Nyåskaiveien 2, 4374 Egersund - Norway
Signed:	Tom Edvardsen / EVP R&D  NAVICO HOLDING AS
Date:	11/16/2018

The attention of the purchaser, installer, or user is drawn to special measures and limitations to use which must be observed when the product is taken into service to maintain compliance with the above directives. Details of these special measures and limitations to use are contained in the appropriate product manuals.

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