DNV·GL

Certificate No:
MEDD00001N0

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV GL SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

That the Quality System for the products

with type designation(s) as specified in the Appendix to this Certificate

Issued to

OSI Maritime Systems Ltd.
Burnaby, BC, Canada

is found to comply with the applicable requirements.
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2018/773.

This Certificate is valid until **2021-08-31**.

Issued at **Hamburg** on **2019-07-05**

DNV GL local station:
Vancouver

Approval Engineer:
Harald Bluhm

Notified Body
No.: **0098**

for **DNV GL SE**

Gerhard Aulbert
Head of Notified Body

The manufacturer is allowed to affix the U.S. Coast Guard approval number(s) as stated in the appendix attached hereto and as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Marine Equipment", signed February 27th, 2004.

0098/yyyy

0098: Notified Body number undertaking quality surveillance
yyyy: The year in which the mark is affixed

The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate authorizes the manufacturer in conjunction with the valid EC Type Examination (Module B) Certificate(s) of the equipment listed before to affix the Mark of Conformity (wheelmark) to the product described herein.
This certificate loses its validity if the manufacturer makes any changes to the approved quality system, which have not been notified to, and agreed with the notified body named on this certificate. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
The Manufacturer has to apply for periodical audits to verify the maintenance and application of the quality system every 12 months.

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APPENDIX

Item no. MED/4.30 Electronic chart display and information system (ECDIS) with backup, and raster chart display system (RCDS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
ECPINS Tradename: (ECPINS-Warship, ECPINS-Submarine, ECPINS-W, ECPINS-W Sub, ECPINS 5000, ECPINS 6.0)[1]	MEDB00003HN Rev.1	2021-08-31	0098	N/A

Item no. MED/4.32 Universal automatic identification system (AIS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
SAAB R5 Supreme AIS with MKD ECPINS or SAAB R4 AIS Class A with MKD ECPINS [1]	37498-12HH	2021-09-11	0098	165.155/EC0098 /37498-12HH

Item no. MED/4.33 Track control system (TCS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
ECPINS TCS[1]	MEDB00003HT	2021-03-11	0098	165.112/EC0098 /MEDB00003HT

Item no. MED/4.34 Radar equipment CAT 1

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	165.115/EC0098 /MEDB00003HS

Item no. MED/4.35 Radar equipment CAT 2

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	165.116/EC0098 /MEDB00003HS

Item no. MED/4.37 Radar equipment for high speed craft applications

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	165.216/EC0098 /MEDB00003HS

Item no. MED/4.38a Radar equipment CAT 1C

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	N/A

Item no. MED/4.38b Radar equipment CAT 2C

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	N/A

Item no. MED/4.38c Radar equipment for high speed craft applications (CAT 1HC)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	N/A

Item no. MED/4.38d Radar equipment for high speed craft applications (CAT 2HC)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
OSI Radar HMI[1]	MEDB00003HS	2021-09-11	0098	N/A

Item no. MED/4.59 Integrated navigation system (INS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
Integrated Navigation & Tactical System (INTS)[1]	MEDB00003HJ	2021-09-11	0098	N/A

Places of production

1.OSI Maritime Systems Ltd., 400-4585 Canada Way, Burnaby, Canada