

QS - CERTIFICATE OF ASSESSMENT - EC (MODULE D)

Certificate No:
MEDD000010J
Revision No:
5

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

Beijing Highlander Digital Technology Co., LTD
Beijing, China

is found to comply with the applicable requirements.

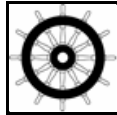
The quality system has been assessed with respect to the procedure of conformity assessment described in Annex II, Module D in the directive 2014/90/EU and regulation (EU) 2018/773.

This Certificate is valid until **2024-07-09**.

Issued at **Hamburg** on **2019-07-10**

DNV GL local station:
Tianjin

Approval Engineer:
Jörg Rebel

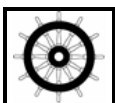


Notified Body
No.: **0098**

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 This certificate remains valid unless suspended, withdrawn, recalled or cancelled.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.



Job Id: **344.1-006438-25**
Certificate No: **MEDD000010J**
Revision No: **5**

APPENDIX

Item no. MED/4.29 Voyage data recorder (VDR)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-VDR600 ¹	MEDB00004X6	2024-07-09	0098	165.150/EC0098 /MEDB00004X6

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
HLD-ECDIS 600 ¹	MEDB000023W Rev.1	2022-03-23	0098	N/A

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-TCS 600 ¹	MEDB000023T	2022-08-06	0098	165.112/EC0098 /MEDB000023T

Item no. MED/4.34 Radar equipment CAT 1

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-RADAR 900 ¹	MEDB0000441	2022-06-21	0098	165.115/EC0098 /MEDB0000441

Item no. MED/4.35 Radar equipment CAT 2

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-RADAR 900 ¹	MEDB0000441	2022-06-21	0098	165.116/EC0098 /MEDB0000441

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

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-RADAR 900C ¹	MEDB0000441	2022-06-21	0098	N/A

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Certificate No: **MEDD000010J**
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Item no. MED/4.38b Radar equipment CAT 2C

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-RADAR 900C ¹	MEDB0000441	2022-06-21	0098	N/A

Item no. MED/4.47 Simplified voyage data recorder (S-VDR)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-SVDR600 ¹	MEDB00004X6	2024-07-09	0098	N/A

Item no. MED/4.57 Bridge Navigational Watch Alarm System (BNWAS)

Type designation	EC Type-Examination Certificate No.	Expiry date	Notified Body No.	USCG approval number
HLD-BNWAS600 ¹	MEDB00003R1	2023-06-06	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
HLD-INS 600 ¹	MEDB000023U	2022-07-19	0098	N/A

Places of production

1.Beijing Highlander Digital Technology Co., Ltd., Qingfeng Road 199, Nantong, China