

Notified body authorised by the MCA

Marine Equipment Directive EC Type Examination Module B Certificate

This is to certify that TUV SUD BABT did undertake the relevant type approval procedures for the equipment identified below, which was found to be in compliance with the Marine Equipment Directive (2014/90/EU) requirements, under the following Implementing Regulation for the listed types of equipment

Implementing Regulation	(EU)2018/773
Certificate Holder and Manufacturer	Digital Yacht Limited 6 Farleigh Court, Old Weston Road, Flax Bourton, Bristol BS48 1UR United Kingdom
Authorised Representative	SRT Marine Systems plc Wireless House, First Avenue Westfield Industrial Estate Midsomer Norton Bath, BA3 4BS United Kingdom
Product(s)	CLA-2000 425-0035
Product Sector	Navigation Equipment
Product Type	MED/4.32 Universal Automatic Identification System Equipment (AIS)

and on the basis of the Technical Data and information detailed in the Annex to this certificate.

Valid from: 26 June 2019



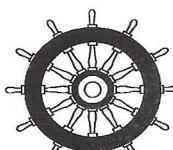
(Tom Twynam)

Expiry Date: 27 June 2021

This certificate has been issued in accordance with the Testing and Certification Regulations of TÜV SÜD (Notified Body Number 0168) and constitutes page 1 of the combined Certificate and Annex.

The Conditions for the validity of this certificate are listed in the Annex.

For further details, related to this certification please contact BABT@TUV-SUD.co.uk



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Annex to Marine Equipment Directive Module B Type Examination Certificate



1 Equipment Description

Marine AIS Class A Transponder

1.1 Models

Model
425-0035

2 Assessed Requirements

2.1 Implementing Regulation (EU)2018/773

2.2 Compliance Requirements for MED/4.32

IMO Resolutions	International Testing Standards	
IMO Res. MSC.74(69) ITU-R M.1371-5 (2014)	IEC 61993-2 Ed.2 (2012)	Maritime navigation and radiocommunication equipment and systems —Automatic identification systems (AIS) Part 2: Class A shipborne equipment of the automatic identification system (AIS)
	IEC 61162-1 Ed.5 (2016)	Maritime navigation and radiocommunication equipment and systems — Digital interfaces Part 1: Single talker and multiple listeners
	IEC 61162-2 Ed.1 (1998)	Maritime navigation and radiocommunication equipment and systems — Digital interfaces Part 2: Single talker and multiple listeners, high-speed transmission
	IEC 61162-3:2008 +A2:2014	Maritime navigation and radiocommunication equipment and systems — Digital interfaces — Part 3: Serial data instrument network
IMO Res. A.694(17)	IEC 60945 Ed.4 (2002)	General Requirements for Marine Navigation Equipment (Inc. Corr1:2008)
IMO Res. MSC.191(79)	IEC 62288 Ed.2 (2014)	Presentation of navigation-related information

3 Technical Documentation

3.1 Declaration of Conformity

DofC CLA2000 V1 Dated 2019-05-15

3.2 User Guide

CLA2000 Class A AIS Transponder Installation and Operation Manual, 202-0919 Modified 2019-03-28
Revision 1

3.3 Test Reports

3.3.1 IEC 61993-2 (2012)

BSH/4543/001/4322830/15-1	Issued	2016-03-07
BSH/4542/001/4112945/15	Issued	2015-09-21
75929063 Report 05 Issue 1	Issued	2015-12-16
75929063 Report 06 Issue 1	Issued	2015-12-16

3.3.2 IEC 60945 (2002) inc. Corr.1

APO-2854	Issued	2016-03-30
75929063 Report 09 Issue 1	Issued	2016-04-05
5960	Issued	2015-05-19
15R174 CR	Issued	2016-01-21
75929063 Report 02 Issue 1	Issued	2015-06-03
TRA-024860-43-00A	Issued	2015-03-17

3.3.3 IEC 62288 (2014)

75929063 Report 08	Issued	2016-04-05
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3.3.4 IEC 61162-1 (2010)

BSH/4543/001/4322830/15-1	Issued	2016-03-07
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3.3.5 IEC 61162-3 (2008) + A2 (2014)

Exhibit 24 - NMEA 2000 information	Issued	2016-06-06
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3.3.6 IEC 61108-1 (2003)

75929063 Report 06 Issue 1	Issued	2015-12-16
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3.3.7 IEC 61108-2 (1998)

75929063 Report 07 Issue 1	Issued	2015-12-16
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3.4 Build Status

3.4.1 Hardware

AIS modem PCA hardware version	5.0		
MKD PCA hardware version	5.0		
Apollo Main PCA, Drawing No. 011-0069 Rev 5		Dated	2015-07-12
Apollo MKD Drawing No. 011-0070 Rev 5		Dated	2015-12-07
Apollo Junction Box, Drawing No. 011-0077 Rev 4		Dated	2015-06-22
Apollo SD Card PCB, Drawing No. 011-0083 Rev 2		Dated	2014-10-20

3.4.2 Software^{Note 1}

AIS modem software version	110200.01.01
MKD software version	110406.01.13

3.5 Notes

Note 1 This approval remains valid for equipment including subsequent minor software amendments which have been formally accepted in accordance with the Testing and Certification Regulations of TÜV SÜD BABT.

Note 2 Enabling additional features may invalidate compliance with the Marine Equipment Directive. The manufacturer should be consulted before enabling any additional features.

Note 3 IEC 61162-3:2008+A2:2014 Annex A contains details of installation documentation and validation.



4 U.S. Coast Guard Number

This product has been assigned U.S. Coast Guard Module B number

165.155/EC0168

To note type approval to Module B only as it pertains to obtaining US Coastguard approval 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", Decision No. 1/2018, signed February 18th 2019

5 Conditions of Validity

This certificate ceases to be valid if the manufacturer makes any changes or modifications to the approved equipment, which have not been notified to, and agreed with TÜV SUD BABT or a person appointed by TÜV SUD BABT to perform that role.

Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be reapproved prior to it/them being placed on the market or onboard vessels to which the amended regulations or standards apply.

The Mark of Conformity may only be affixed to the above type approved equipment and a manufacturer's Declaration of Conformity issued when the production-control phase module (D, E, or F) of Annex B of the directive is fully complied with and controlled by a written inspection agreement with a notified body.

Signature: *T.J. Twynam*

Date: 2019-06-25

Print Name: Tom J Twynam

On behalf of TÜV SUD BABT