



Bundesrepublik Deutschland

Federal Republic of Germany

BSH-Cert

Benannte Stelle – Navigations- und Funkausrüstung
beim Bundesamt für Seeschifffahrt und Hydrographie
Notified Body – Navigation and Radiocommunication Equipment
at the Federal Maritime and Hydrographic Agency



NOTIFIED
BODY
0735

EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

BSH-Cert, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz“ of 09 September 1998 (BGBl. I, p. 2860) modified last 23 January 2014 (BGBl. I, p. 78), did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the Navigation requirements of Marine Equipment Directive (MED) 96/98/EC and the last modification by Directive 2015/559/EU.

Manufacturer **Kongsberg Seatex**
 Address **Pirsenteret, 7462 Trondheim, NORWAY**

Applicant **Kongsberg Seatex**
 Address **Pirsenteret, 7462 Trondheim, NORWAY**

Annex A.1 Item **4.32 Universal automatic identification system equipment (AIS)**
 (No & item designation)

Product Name **AIS300**

Trade Name(s) **---**

Specified Standard(s)

IMO Resolution A.694(17)	IEC 61993-2 Ed.2.0, 2012
IMO Resolution MSC.74(69) Annex 3	IEC 61108-1 Ed.2.0, 2003
IMO Resolution MSC 191(79)	IEC 60945 Ed.4.0, 2002 incl. Corr. 1, 2008
ITU-R M.1371-5 (Class A), 2014	IEC 61162-1 Ed.4.0, 2010
ITU-R M.825-3, 1998	IEC 61162-2 Ed.1.0, 1998
ITU-R M.1084-5, 2012	IEC 62288 Ed.2.0, 2014

Based on the Directive 2013/52/EU, additional applied version: Directive 2015/559/EU
This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **21. May 2015**

Issued by: **BSH-Cert**

Expiry date: **20. May 2020**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735

Certificate No.: **4581/001/4322586/15**

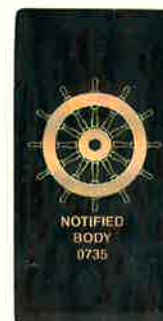
USCG-Module-B No.: **165.155/EC0735**

Unique Identifier: **4322586**

This certificate consists of 2 pages.



Kai-Jens Schulz-Reifer



Components necessary for operation:

Component	Part No.	Remarks
AIS300, main module	A300-01	Software version: 1.00.xx
Multi Function Display (MFD/MKD)	DISP-E-MFD	Software version: 1.00.xx
GPS antenna	A101-01	
VHF antenna	A100-58	or equivalent VHF antenna

Approval Documentation:

Assessment Report No.: BSH/4543/001/4322719/15-4 (IEC 61993-2 Section 15)
 Test Report No.: BSH/4543/001/4322719/15-1 (IEC 61993-2, IEC 61162-1,-2)
 Test Report No.: BSH/4543/001/4322719/15-3 (IEC 62288 Sections 4, 7)
 Assessment Report No.: BSH/4543/001/4322719/14-5 (IEC 60945)
 Test Report No.: BSH/4543/001/4322719/15-6 (IEC 60945 Sections 6, 11.1, 13-15)
 Test Report No.: BSH/4543/001/4322912/15 (IEC 61108-1)
 Kongsberg AIS 300 Automatic Identification System Instruction manual
 Kongsberg Multi Function Display Instruction manual

Places of production:

Limitations on the acceptance or use of the product:

This certificate covers only flush mounting of the Multi Function Display. A mounting with brackets is not allowed.

Notes:

The manufacturer shall inform BSH-Cert, as the notified body, of any modifications to the type-tested product(s) that may affect compliance with the requirements or conditions laid down for use of the product(s).
 In case the specified regulations or standards are amended during the validity of this certificate, the product(s) must be re-certified before being placed on board vessels to which such amended regulations or standards apply.
 The Mark of Conformity (wheelmark) may only be affixed to the type approved equipment, and a Manufacturer's Declaration of Conformity may only be issued, if the product quality system fully complies with the Marine Equipment Directive and is certified by a notified body against ANNEX B module D, E, or F of the Directive.

U.S. Coast Guard Approval

This product has been assigned a U.S. Coast Guard Module B number (165.xxx/EC0735/Unique Identifier [if other than EC 0735: /Number of the notified body which certifies the quality assurance system]) to note type approval to Module B only as it pertains to obtaining U.S. Coast Guard approval as allowed by the "Agreement between the European Community and the United States of America on Mutual Recognition of Certificates of Conformity for Maritime Equipment" signed February 27th, 2004, and additional information given by U.S. Coast Guard by E-Mail 2010.
The AIS radio transponder is required to be authorized by U.S. Federal Communication Commission (FCC).

Notice on legal remedies available:

Objection to this document may be filed within one month after notification. The objection must be filed in writing to, or put on record at, Federal Maritime and Hydrographic Agency, Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany



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ATTACHMENT TO EC TYPE EXAMINATION (MODULE B) CERTIFICATE

No.: 4581/001/4322586/15

Issued with process no.: 2764/15

Additional alternative components necessary for operation:

Designation	Type Designation	Remarks
Multi Function Display (MFD/MKD)	DISP-E-MFD (flush mounted)	Software version: 1.00.xx
	Or DISP-E-MFD (bracket mounted)	Software version: 1.00.xx
	or K-Bridge/K-Nav ECDIS v7.1 and above	Software version: 7.1.3.xx

Approval documentation:

Test reports

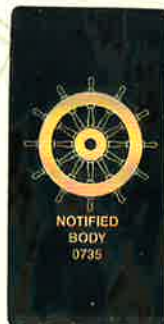
Assessment Report No.: BSH.4543/001/4322719/15-8

Test Report AIS300 with K-Bridge MKD IEC 61993-2 Ed.2 (Sections 14, 16-21)

Date of issue: **31. August 2015**

Issued by: **BSH-Cert**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany
Notified body 0735



Kai-Jens-Schulz-Reifer

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