



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 07 April 2010 (BGBl. I, p. 399), 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 2009/26/EC.

Manufacturer **Japan Marina Co., Ltd. (JMC)**
Address **36-2-1001 Udagawa-cho, Shibuya-ku, Tokyo 150-0042, JAPAN**

Applicant **SAM Electronics GmbH**
Address **Behringstraße 120, 22763 Hamburg, GERMANY**

Annex A.1 Item **4.6 Echo sounding equipment**
(No & item designation)

Product Name **DEBEG 4630 / JMC F-3000 W**

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

Specified Standard(s)

IMO-Resolution A.224(VII) as amended by IMO-Resolution MSC.74(69) Annex 4	ISO 9875 Ed.3.0, 2000 as amended by Corr.1, 2006
	IEC 60945 Ed.4.0, 2002 incl. Corr. 1, 2008
IMO-Resolution A.694(17)	IEC 62288 Ed.1.0, 2008
IMO-Resolution MSC.191(79)	IEC 61162-1 Ed.3.0, 2007

Based on the Directive 2009/26/EC

This certificate remains valid unless cancelled, expired or revoked.

Date of Re-issue: **29 October 2010**

Issued by: **BSH-Cert**

Expiry date: **28 October 2015**

Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany

Notified body 0735

Certificate No.: **BSH/4612/4061839/10**

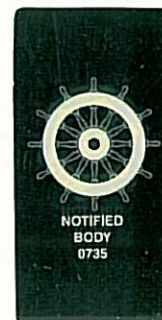
USCG-Module-B No.: **165.107/EC0735**

Unique Identifier: **4061839**

This certificate consists of 2 pages.



Kai-Jens Schulz-Reifer
Kai-Jens Schulz-Reifer



Components necessary for operation:

Designation	Type designation
Main Unit	DEBEG 4630 / JMC F-3000 W
Echo sounding Transducer	Atlas SW 6016
Echo sounding Transducer	Radarsonic 570-50
Echo sounding Transducer	ELAC LSE 297
Echo sounding Transducer	ELAC LSE 313
Echo sounding Transducer	ELAC LSE 328
Echo sounding Transducer	ELAC LSE 329

Additional components:

Designation	Type designation
Digital display	Plath UDR
Digital display	Skipper IR 301
Digital display	9205 T / ELAC DAZ 25/ DEBEG 4650 T / FILIA 522
Digital display	Consilium SD 2-3 (Expiry Date 31.12.2006)
Digital display	SAM 4900

Approval Documentation:

Operation and Installation DEBEG 4630 Navigation Sounder, Part No. 271 259 665, Edition UM4630-V2

Places of production:

Limitations on the acceptance or use of the product:

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.

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