



# Bundesrepublik Deutschland

Federal Republic of Germany

## Bundesamt für Seeschifffahrt und Hydrographie

Federal Maritime and Hydrographic Agency



BUNDESAMT FÜR  
SEESCHIFFFAHRT  
UND  
HYDROGRAPHIE

### EC TYPE EXAMINATION (MODULE B) CERTIFICATE

This is to certify that:

Bundesamt für Seeschifffahrt und Hydrographie, specified as a "notified body" under the terms of „Schiffssicherheitsgesetz“ of 9. September 1998 (BGBl. I, p. 2860) modified last 08. April 2008 (BGBl. I, p. 706), 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 2008/67/EC.

Manufacturer **aqua signal Aktiengesellschaft**  
Address **Von-Thünen-Straße 12, 28307 Bremen, GERMANY**

Applicant **aqua signal Aktiengesellschaft**  
Address **Von-Thünen-Straße 12, 28307 Bremen, GERMANY**

Annex A.1 Item **6.1 Navigation lights**  
(No & item designation)

Product Name **Serie 70**

Trade Name(s) **Serie 70**

Specified Standard(s)

Regulation COLREG 72, Annex I/14

EN 14744, 2005

IMO Resolution A.694(17)

IEC 60945 Ed.4.0, 2002

Applied version of Annex A.1 (MED): **Directive 2008/67/EC**  
This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **2008-09-23**

Issued by: **Bundesamt für Seeschifffahrt und Hydrographie  
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany  
Notified body 0735**

Expiry date: **2013-09-22**

Certificate No.: **BSH/4612/6010983/08**

This certificate consists of 4 pages.

by order

Schulz-Reifer



**Navigation lights of the Serie 70:**

1.	SSb 70	Starboard light, green, 112,5°	3 nm
2.	SBb 70	Port light, red, 112,5°	3 nm
3.	H 70	Stern light, white, 135°	3 nm
4.	HGe 70	Stern light, yellow, 135°	3 nm
5.	T 70	Masthead light, white, 225°	6 nm
6.	SW 70	All-round light, white, 360°	3 nm
7.	SR 70	All-round light, red, 360°	3 nm
8.	SG 70	All-round light, green, 360°	3 nm
9.	SGe 70	All-round light, yellow, 360°	3 nm
10.	SW 70	Manoeuvre signalling light, white, 360°	5 nm
11.	MS 70	Morse signal light, white, 360°	3 nm
12.	SW 70	All-round light, white, (2=360°)	3 nm
13.	SR 70	All-round light, red, (2=360°)	3 nm
14.	SG 70	All-round light, green, (2=360°)	3 nm
15.	SGe 70	All-round light, yellow, (2=360°)	3 nm

**Approval Documentation:**

Type	Date of issue	Type approval number	Type examination certificate number
SSb 70	25.07.1997	DHI 01/05/75	171
SBb 70	25.07.1997	DHI 01/05/75	170
H 70	25.07.1997	DHI 01/05/75	172
HGe 70	25.07.1997	DHI 01/05/75	173
T 70	25.07.1997	DHI 01/05/75	174
SW 70	30.04.2003	DHI 01/06/75	13421
SR 70	30.04.2003	DHI 01/06/75	13423
SG 70	30.04.2003	DHI 01/06/75	13424
SGe 70	30.04.2003	DHI 01/06/75	13422
SW 70 (5 nm)	03.1979	DHI 01/01AMö/79	15003
MS 70	16.08.1976	DHI 01/07/76	15/221
SW 70 (2=360°)	30.04.2003	DHI 01/06/75	13421
SR 70 (2=360°)	30.04.2003	DHI 01/06/75	13423
SG 70 (2=360°)	30.04.2003	DHI 01/06/75	13424
SGe 70 (2=360°)	30.04.2003	DHI 01/06/75	13422

**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

**Places of production:**

aqua signal Teterow GmbH & Co. KG  
Glasower Weg 5  
17166 Teterow  
GERMANY

**Limitations on the acceptance or use of the product:**

Electric navigation lights according to COLREG with the above ranges of visibility suitable for 24 V, 115 V, 120 V and 230 V operation.

Electrical light sources complying with EN 14744, Annex A meet the requirements. An incandescent lamp shall be legibly and permanently marked with an approval mark on the cap or on the bulb.

**Notes:**

The manufacturer shall inform Bundesamt für Seeschifffahrt und Hydrographie, 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.

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