

## 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 2014/93/EU.

Manufacturer **aqua signal Teterow GmbH & Co. KG**  
Address **Glasower Weg 5, 17166 Teterow, GERMANY**

Applicant **aqua signal Teterow GmbH & Co. KG**  
Address **Glasower Weg 5, 17166 Teterow, GERMANY**

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

Product Name **LED-Serie 34**

Trade Name(s) **LED-Serie 34**

### Specified Standard(s)

Regulation COLREG 72, Annex I/14	EN 14744, 2005 as amended by Corr. 2006
IMO Resolution A.694(17)	IEC 60945 Ed.4.0, 2002 incl. Corr.1, 2008
IMO Resolution MSC.253(83)	

Based on the Directive 2013/52/EU, additional applied version: Directive 2014/93/EU

This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **16 April 2015**

Issued by: **BSH-Cert**


Expiry date: **15 April 2020**

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

Certificate No.: **4581/001/6012731/15**

This certificate consists of 2 pages.



  
Kai-Jens Schulz-Reifer





**Navigation lights of the serie LED-Serie 34:**

1.	SBB 34	Port light, red, 112,5°	2nm
2.	SSB 34	Starboard light, green, 112,5°	2nm
3.	H 34	Sternlight, white, 135°	2nm
4.	SBB 34 Edelstahl	Port light, red, 112,5°	2nm
5.	SSB 34 Edelstahl	Starboard light, green, 112,5°	2nm
6.	H 34 Edelstahl	Sternlight, white, 135°	2nm
7.	BiC 34	Bi-Colour, red/green 112,5°/112,5°	2nm
8.	T 34	Masthead light, white, 225°	3nm
9.	TriC 34	Tricolor light, white/red/green, 135°/112,5°/112,5°	2nm
10.	SR 34	All-round-light, red	2nm
11.	SG 34	All-round-light, green	2nm
12.	SW 34	All-round-light, white	2nm
13.	SW/T 34	Combined all-round-light, white / masthead light (225°)	2nm / 3nm
14.	SW/TDH 34	Combined all-round-light, white / tricoloured light (135°/112,5°/112,5°)	2nm

**Approval Documentation:**

Test Report No.: BSH/4612/6011539/10  
 Test Report No. BSH/46162/0141863/10  
 Test Report No. TR-10844  
 Test Report No. BSH/46121/6022245/12  
 Test Report aqua signal No. TR-11033  
 Test Report No. BSH/46121/6012242/12  
 Test Report No. EMV 12025-2-2  
 Test Report No. TR-11088\_Rev.0.c (surveyed by BSH-Cert)

**Places of production:**

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**For the following application:**

Electric navigation lights on vessels of less than 50 meter length, applicable for 12 and 24 voltages.

**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.

**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