



# 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 2009/26/EC.

Manufacturer **Peters + Bey GmbH**  
Address **Schnackenburgallee 151, 22525 Hamburg, GERMANY**

Applicant **Peters + Bey GmbH**  
Address **Schnackenburgallee 151, 22525 Hamburg, GERMANY**

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

Product Name **Typ 580 – LED Navigation light**

Trade Name(s) **Typ 580 – LED Navigation light**

Specified Standard(s)

|                                  |                              |
|----------------------------------|------------------------------|
| Regulation COLREG 72, Annex I/14 | EN 14744, 2005 as amended by |
| IMO Resolution A.694(17)         | EN 14744, 2005/AC, 2006      |
| IMO Resolution MSC.253(87)       | IEC 60945 Ed.4.0, 2002       |

Based on the Directive 2008/67/EC, additional applied version: Directive 2009/26/EC

This certificate remains valid unless cancelled, expired or revoked.

Date of issue: **23 November 2009** Issued by: **Bundesamt für Seeschifffahrt und Hydrographie  
Bernhard-Nocht-Str. 78, 20359 Hamburg, Germany  
Notified body 0735**

Expiry date: **22 November 2014**

Certificate No.: **BSH/4612/6011397/09**

This certificate consists of 2 pages.



Kai-Jens Schulz-Reifer



**LED Navigation lights of the serie Typ 580:**

|     |               |  |              |
|-----|---------------|--|--------------|
| 1.  | SBb 580       | Port light, red  | 2 nm         |
| 2.  | SSb 580       | Starboard light, green   | 2 nm         |
| 3.  | H 580         | Sternlight, white  | 2 nm         |
| 4.  | H 580         | Sternlight, yellow   | 2 nm         |
| 5.  | T 580 – 3 sm  | Masthead light, white  | 3 nm         |
| 6.  | T 580 – 5 sm  | Masthead light, white  | 5 nm         |
| 7.  | TD 580        | Bicolour sidelight red/green   | 2 nm         |
| 8.  | ADA 580       | Tricolour light / All-round light, white                                 | 2 nm         |
| 9.  | AD 580        | Tricolour light  | 2 nm         |
| 10. | AS 580 white  | All-round light, white, anchor light                                     | 2 nm         |
| 11. | AS 580 red    | All-round light, red   | 2 nm         |
| 12. | AS 580 green  | All-round light, green   | 2 nm         |
| 13. | AS 580 yellow | All-round light, yellow  | 2 nm         |
| 14. | TA 580        | Combined Masthead light, white /<br>All-round light, white, anchor light | 3 nm<br>2 nm |

**Approval Documentation:**

Test Report No.: BSH/46162/0141397/09

Test Report No.: BSH/46162/0141366/09

Type examination certificate No.: BSH/4615/6010261/06

Type examination certificate No.: BSH/4615/6010668/06

Type examination certificate No.: BSH/46162/0141366/09

**Places of production:**

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

Electric Navigation lights on vessels of less than 50 m length, Masthead light (3 nm) only on vessels of less than 20 m length.

Masthead light (5 nm) allowed only for 24 V operation.

**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.

**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