

# EC CERTIFICATE TYPE EXAMINATION (MODULE B)

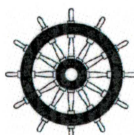
This is to certify that:

DNV GL SE, a Notified Body under the terms of the Marine Equipment Directive 96/98/EC of 20 December 1996, notified by the German Federal Ministry of Transport, Building and Urban Development, did undertake the relevant type approval procedures for the equipment identified below which was found to be in compliance with the requirements of Marine Equipment Directive (MED) 96/98/EC as amended, subject to any conditions in the schedule attached hereto.

Certificate No.	<b>45 386 - 16 HH</b>
Applicant	<b>Glamox Production GmbH &amp; Co. KG</b> <b>Glasower Weg 5</b> <b>17166 Teterow, GERMANY</b>
Manufacturer	<b>Glamox Production GmbH &amp; Co. KG</b> <b>Glasower Weg 5</b> <b>17166 Teterow, GERMANY</b>
Product Description	<b>Navigation Lights Series 44</b>
Product Name	<b>Series 44</b>
Trade Name	<b>Series 44</b>
Specified Standards	<b>COLREG Annex I/14, IMO Res. A.694(17), IMO Res. MSC.253(83) EN 14744 (2005) including AC (2006), IEC 60945 (2002) including IEC 60945 Corrigendum 1 (2008).</b>
Related Directive	<b>(EU) 2015/559</b>
Equipment Section	<b>Equipment required under COLREG 72</b>
Annex A.1 Item No.	<b>A.1/6.1</b>
Date of Issue	<b>2016-07-19</b>
Expiry Date	<b>2021-07-18</b>

**DNV GL SE**

**Notified Body No.: 0098**



  
**Christine Mydlak-Röder**

**Certificate No: 45 386 - 16 HH****Date of Issue: 2016-07-19**

## Schedule of Approval

### Approval Documentation

Test report : TR-11422 Rev. 0.a dated 2016-05-25 and TR-10722 dated 18-03-2010  
Operating Manual for Navigation Lights Series AQUA SIGNAL 44 9420118500 dated 08-04-2016  
Drawings:  
7365200500 dated 12-02-2016 series 44 stern,  
7365100500 dated 12-02-2016 series 44 port,  
7365000500 dated 12-02-2016 series 44 starboard  
Series 44 Technology Statement dated 17-06-2016

### Technical Data

Navigation Lights with LED technology  
Starboard  
Stern  
Port

Supply: 12V/24V DC  $\pm 20\%$

Consumption: Starboard, Stern each approx. 1,0W  
Port approx. 1,3W

### Remarks

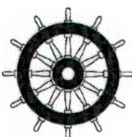
None

### Limitations on the acceptance or use of the product

None

### Notes:

This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV GL SE, as the Notified Body, of any modifications or changes to the approved equipment. Should the specified regulations or standards be amended during the validity of this certificate, the product is to be re-approved before being placed on board a vessel to which the amended regulations or standards apply.



The mark of conformity may only be affixed to the above type approved equipment and a Manufacturer's Declaration of Conformity issued when the production-surveillance module (D, E or F) of Annex B of the MED is fully complied with and controlled by a written inspection agreement with a Notified Body.