EC-TYPE EXAMINATION CERTIFICATE (MODULE B)

Certificate no.:
MEDB00001SD
Revision no.:
3

Application of: Directive 2014/90/EU of 23 July 2014 on marine equipment (MED). This Certificate is issued by DNV SE based on the notification of the Federal Maritime and Hydrographic Agency of Germany.

This is to certify:

that the **Navigation lights**

with type designation(s)
Navigation Lights Type 400, 420, 500, 580, 760, 780

issued to

Peters + Bey GmbH
Senefelder Ring 9
21465 Reinbek
Germany

is found to comply with the Implementing Regulation **(EU) 2026/1434** for
Item no. **MED/6.1** (Row **1 of 1**)
according to the following requirements:
COLREG 72 Annex I/14, IMO Res. A.694(17), IMO Res. MSC.253(83)

Further details of the equipment and conditions for certification are given overleaf.

Date of issue: **2026-10-03**

Expiry date: **2031-10-02**

DNV local unit:
Hamburg – CMC North/East

Approval Engineer:
Tommi Juhani Rifaat

Notified Body no.: **0098**

for **DNV SE**

Digitally Signed By:
Christine Mydlak-Röder

Christine Mydlak-Röder
Head of Notified Body

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. The product liability rests with the manufacturer or his representative in accordance with Directive 2014/90/EU.
This certificate is valid for equipment, which is conform to the approved type. The manufacturer shall inform DNV SE of any changes to the approved equipment. This certificate remains valid unless suspended, withdrawn, recalled or cancelled.
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.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to USD 300 000.

Product description

Type 400 SSb 410 green, SBb 410 red, T410 white, H410 white, TD410 red/green, A431 white, AS 431 red, AS 431 yellow, A 431 green, AD 431 red/white/green, A400 white – prehoistable, AS 400 red – prehoistable, AS 400 green – prehoistable

Type 420: SSb 420 green, SSb 422 green – VA, SSb 422 green - Cu, SBb 420 red, SBb 422 red – VA, SBb 422 red – Cu, T 420 white, T 422 white – VA, T 422 white - Cu, H 420 white, H 422 white – VA, H 422 white - Cu, TD 420 red/green, TD 422 red/green – VA, TD 422 red/green – Cu, A 426 white, AS 426 red, TS 426 yellow AS 426 green, AS 426 blue, AD 426 red/white/green, AS 426 yellow, A427 white – prehoistable, AS 427 red – prehoistable, AS 427 green – prehoistable AS 427 yellow – prehoistable, AS 427 blue – prehoistable, ADA 426 red/white/green - white

Type 500: SSb 500 green, SBb 500 red, T 500 white, H 500 white, H 500 yellow, AS 500 white, AS 500 green, AS 500 blue, AS 500 yellow, AS 500 red

Type 580 LED Navigation light
SSb 580 green, SBb 580 red, T 580 white (3 and 5 nm), H 580 white, H 580 yellow, TD 580 Bicolour sidelight red/green, ADA 580 Tricolour All-round light,white , AD 580 Tricolour light, AS 580 white, AS 580 green, AS 580 yellow, AS 580 red, TA580 white

Type 760: SSb/DSSb 760 green, SBb/DSBb 760 red, T/DT 760 white, H/DH 760 white, HS/DHS 760 yellow, T/DT 760 white, AS/DAS 760 white, AS/DAS 760 green, AS/DAS 760 yellow, AS/DAS 760 red, AM 760 white, DAS 760 red/green, green/red, white, white/yellow, yellow/white
hoistable versions: AS 767 white, AS 767 red ; AS 767 green, AS 767 yellow

Type 780: LED Navigation light (3nm, only *5 nm, only **6 nm)
SSb/DSSb 780 green, SBb/DSBb 780 red, T/DT 780 white, H/DH 780 white, HS/DHS 780 yellow, T/DT 780** white, AS/DAS 780 white, AS/DAS 780 green, AS/DAS 780 yellow, AS/DAS 780 red, AM 780* white, DAS 780 red/green, green/red, white/yellow, yellow/white, white/red, red/white
hoistable versions: AS 787 white, AS 787 red ; AS 787 green, AS 787 yellow

Optional equipment for system configuration, monitoring and communication [Notes 1 and 2]:

Panel Computer	HD 13T21 PBC E1C-PABA	LightControl Software Version 13-25022017
	HD 08T21 PBC-E1C-PABA	LightControl Software Version 13-25022017
Multiplexer	Magicplex8 GIC Pro	Light Control Firmware Version 3-0.30_ligthcontrol
Light control unit	PB-NLCP	

Notes:
1) Equipment covered by type approval certificate TAA00001GK
2) and not part of present MED homologation

Application/Limitation

Software modifications:
Subsequent software versions may be allowed written details of such versions have been submitted to and accepted by the responsible Notified Body.

Limitation on the acceptance or use of the product

Type 400, 420, 500:	Electric navigation lights according to COLREG with the above ranges of visibility for 12V, 24V operation.
Type 580:	Electric navigation lights according to COLREG with the above ranges of visibility for 12V, 24V, operation. On vessels 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
Type 780:	Electric navigation lights according to COLREG with the above ranges of visibility for 24V, 115V, 120V, 230V operation.
Type 760:	Electric navigation lights according to COLREG with the above ranges of visibility,

suitable for 24 V, 115 V, 120 V and 230 V operation.
The sidelights may only be operated on board with installed screens based on the mounting instructions of the manufacturer.

Optional features:
The Navigation light controller (NLC) Type PB-NLCP-SA additionally complies with the requirements of the COLREG 72, Annex III/1 and III/3.

Type Examination documentation

Please see Appendix: Type Examination Documentation

Tests carried out

According to IEC 60945 Edition 4.0 2002 incl. Corr.1 2008, EN 14744 Edition 2005, incl. Corr. 2006

Marking of product

According to EN 14744.

APPENDIX

Type Examination documentation

Certificate no.:
MEDB00001SD
Revision no.:
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Document No.	Rev.	Title
BSH No. 772	2012-07-11	BSH No. 772
4581/001/6012492/13	2013-09-11	BSH Certificate - Type 780
4581/001/6012448/13	2013-06-19	BSH certificate - Type 400
4581/001/6012449/13	2013-06-19	BSH certificate - Type 420
4581/001/6012484/13	2013-09-11	BSH Certificate - Type 500
4581/001/6012709/15	2015-02-16	BSH Certificate - Type 580
4581/001/6012483/13	2013-09-11	BSH Certificate - Type 760
411327	0	Test report - 411.327 EMC
411327.2	2012-02-27	Test report - 411.327.2 Environment
412152.1	2012-06-26	Test report - 412.152.1 Environment
412152.1A	2012-07-25	Test report - 412.152.1A Environment
411327.1	2012-02-27	Test report - 411.327.1 Mechanical Strength
BSH Nr. 773	2012-07-11	BSH Nr. 773