

Type Approval Certificate



This is to certify that the undernoted product(s) has/have been tested in accordance with the relevant requirements of the GL Type Approval System.

Certificate No. 60 303 - 09 HH

Company DECKMA GmbH

Bahnhofstraße 79
21224 Rosengarten-Klecken, GERMANY

Product Description Navigation Light Controller

Type NLS 3000

Environmental Category A, EMC1

Technical Data / Range of Application 8 - 48 lanterns, bulb type or LED type

Power supply 12VDC, 24VDC; 115VAC, 230VAC, 50/60Hz

consisting of:

NLS 3000 MM01-E Main module
NLS 3000 LM08-E lantern module 8-line
NLS 3000 LM02-E lantern module 2-line
NLS 3000 BK01-E conventional operator panel (mimic)
NLS 3000 BG01-E graphically operator panel (touch screen)
NLS 3000 VM01-E VDR module
NLS 3000 SM01-E interface module
NLS 3000 DT01-E data module
RS 232 terminal adapter

Requirements as per MSC.253(83) recognized

Test Standard GL Guidelines for the Performance of Type Approvals Part 2, Edition 2003

Documents "Technical documentation" dated 2008-11-12
EMV Services report 08/8159-1 dated 2008-11-03
Paconsult report 08/2137 dated 2008-08-29
Elektronik Services report 081005 dated 2008-10-05

Remarks Operation instruction of the manufacturer to be observed

Valid until 2019-03-16

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File No. I.A.03

Hamburg, 2014-03-17

Type Approval Symbol



Germanischer Lloyd

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