

# 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. 46 524 - 12 HH

Company Totem Plus Europe GmbH  
Niedernstr. 10  
20095 Hamburg, GERMANY

Product Description Bridge Alert Management System

Type Totem B-AMS

Environmental Category A EMC 1

Technical Data / Range of Application The Totem B-AMS Bridge Alert Management System may be used to indicate Alerts and Indications on a central alert panel on the navigating bridge. The following components are necessary for functioning:

I/O Unit CBS 1.0 Software version: 1.x  
Touch screen Display MON1.0  
Buzzer BZ1.0

Power supply: DC24V and AC230V

Documentation: Totem B-AMS User Manual Version 1.x, Totem B-AMS Installation Manual Version 1.x

Test Standard IMO Resolutions MSC.302(87), MSC.252(83), A.1021(26), MSC.191(79), IEC 60945(2008), IEC 62288(2008)

Documents Test report : TOTEMC 21335 CBAS Rev1, TOTEMV IEC.21323 Rev1, GL Totem BAMS 2011

Remarks None

Valid until 2017-07-29

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File No. I.A.03

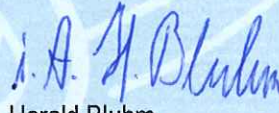
Hamburg, 2012-07-30

Type Approval Symbol



Germanischer Lloyd

  
Marco Rinkel

  
Harald Bluhm

This certificate is issued on the basis of "Guidelines for the Performance of Type Approvals Part 1, Procedure".