



# Type Approval Certificate

Germanischer Lloyd

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. **3251806 HH**

Company **Mespas AG**  
**Technoparkstrasse 1**  
**8005 Zürich, SWITZERLAND**

Product Description **Planned Maintenance System**  
**Technical Ship Management**

Type **MESPAS R5**  
**Version R5.13.5**

Environmental Category **None**

Technical Data /  
Range of Application **MESPAS R5 consists of 3 Software Clients**  
**1. Administrator Client**  
**2. Office Client**  
**3. Vessel Client**  
**Client- Server Architecture**  
**Server Database : MySQL**

**Modules: Maintenance, Stock, Documents, Operation**

**Software Requirements:**  
**Windows 2000, NT4 or XP; Windows Vista**

**Software Version R5.13.5 dated 30.05.2011**  
**Tests and Evidence according Requirement Class 1**  
**Additional Documents: Black-out Test Version 1.1 dated 30-09-2010**  
**Hardware specification miniPCs**

Test Standard **Regulations for the Use of Computers and Computer Systems**

Documents **Installation Procedure dated 05-09-2005; Technical Description MESPAS R5 dated 20-09-2005; Manual Technical Ship Management dated 09-05-2005**  
**Test Documentation Version 0.1 dated 09-08-2005; Changes in PMS Module dated 27-06-2011; Yearly Survey Inspection Guideline dated 26-07-2011**

Remarks **None**

Valid until **2016-09-14**

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File No. **I.A.14**

**Hamburg, 2011-09-15**

Type Approval Symbol



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Marco Rinkel

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This certificate is issued on the basis of "Regulations for the Performance of Type Tests, Part 0, Procedure".