



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 R5.4.1

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

Hardware Requirements :
Processor : Pentium IV, 1000 MHz
Hard Disk Drive : 200 MB
Memory : 256 MB
Software Requirements:
Windows 2000, NT4 or XP; Windows Vista

Tests and Evidence according Requirement Class 1

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

Remarks None

Valid until 2011-01-08

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File No. I.A.14

Hamburg, 2008-10-02

Type Approval Symbol



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Jürgen Wittburg

Andrea Grün

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