



Approval of Service Suppliers

Office: **Hamburg**
Date of issue: **10 Juli 2019**
This is to certify that: **maresystems GmbH**
Kupferhammer 7, 22399 Hamburg (hereinafter referred to as "Supplier")

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having been assessed hereby receives approval in accordance with the requirements of *Lloyd's Register Procedures for Approval of Service Suppliers* as Supplier from the address(es) listed above for the provision of

tations or restrictions

Surveys and testing of radio communication equipment

Convention on Safety of Life at Sea (SOLAS 1974), as amended.

Radio inspectors are not to carry out installation, repairs or maintenance on ships where they will be engaged in the survey of that ship.

Annual performance testing of Voyage Data Recorders (VDR) and Simplified Voyage Data Recorders (S-VDR)

Approval is granted for the following manufacturer/type:

Wärtsilä SAM Electronics GmbH: VDR 4300, S-VDR 4330, VDR 4340, VDR 4350, VDR 4370

MacGregor Germany GmbH&Co. KG (Interschalt maritime systems): MER, MER-VDR, MER-SVDR, MER-SVDR-C, VDR G4, VDR-G4e

Beijing Highlander (manufacturers temporary authorisation for each individual service of maresystems GmbH to be provided prior to attendance):

HLD-A, HLD-A1, HLD-A2, HLD-S, HLD-B2, HLD-S2, VDR-600, SVDR-600

Samsung Heavy Industries: SVDR-3000, SVDR-PRO, SVDR-N, SVDR

Hyundai Heavy Industries: HiVDR, HiVDR-E

Inspection, performance testing and maintenance of Automatic Identification Systems (AIS)

Inspection, performance testing and maintenance of Long Range Identification and Tracking (LRIT) Systems, and Ship Security Alert (SSA) Systems

This approval is conditional upon the Supplier maintaining the documented scheme as audited by any member of the Lloyd's Register Group and hereby approved; and notifying Lloyd's Register in writing of any change to that scheme including any change in personnel, equipment or procedures.

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This certificate is issued to the Supplier and, subject to the Supplier complying with the necessary conditions, is valid to the date referred to below.
This certificate is valid until **09 Januar 2022**



M. Pohl
Surveyor to Lloyd's Register EMEA
A subsidiary of Lloyd's Register Group Limited

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