



Approval of Service Suppliers

Office: **Hamburg**
 Date of issue: **18 May 2011**
 This is to certify that: **INTERSCHALT maritime systems AG**
Osterbrookswegs 42
22869 Schenefeld, Germany
(hereinafter referred to as "Supplier")

Tel: **+49 (0) 40 83033-296** Fax: **+49 (0) 40 83033-303** Email: **maryam.nedaei@interschalt.de**

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

Surveys, servicing and testing of radio communication equipment

Surveys, inspection, testing and/or measurement of radio equipment aboard ships or mobile offshore units for compliance with the International Convention on Safety of Life at Sea (SOLAS 1974), as amended.

Annual testing of 406 MHz satellite EPIRB's for compliance with SOLAS Regulation IV/15.9

Inspection, performance testing and maintenance of Automatic Identification System (AIS) and Ship Security Alert (SSA) Systems.

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 brands:

INTERSCHALT/ AVECS: MER
 INTERSCHALT/ AVECS: MER-VDR
 INTERSCHALT/ AVECS: MER-S-VDR
 INTERSCHALT/ AVECS: MER-N-VDR
 FURONO: VR 3000, VR-3000S, VR-5000
 INTERSCHALT/ Stein Sohn VDR-G4, S-VDR-C.
 SAM: VDR / S-VDR DEBEG 4300

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.

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 **17 May 2014**

R.-M. Tolk

Lloyd's Register EMEA

Hamburg Port



Surveyor to Lloyd's Register EMEA

A member of Lloyd's Register Group

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.



Approval of Service Suppliers

Office: **Hamburg**
Date of issue: **18 May 2011**
This is to certify that: **INTERSCHALT maritime systems AG**
Osterbrookswegs 42
22869 Schenefeld, Germany
(hereinafter referred to as "Supplier")

Tel: **+49 (0) 40 83033-296** Fax: **+49 (0) 40 83033-303** Email: **maryam.nedaei@interschalt.de**

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

Surveys, servicing and testing of radio communication equipment

Surveys, inspection, testing and/or measurement of radio equipment aboard ships or mobile offshore units for compliance with the International Convention on Safety of Life at Sea (SOLAS 1974), as amended.

Annual testing of 406 MHz satellite EPIRB's for compliance with SOLAS Regulation IV/15.9

Inspection, performance testing and maintenance of Automatic Identification System (AIS) and Ship Security Alert (SSA) Systems.

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 brands:

INTERSCHALT/ AVECS: MER
INTERSCHALT/ AVECS: MER-VDR
INTERSCHALT/ AVECS: MER-S-VDR
INTERSCHALT/ AVECS: MER-N-VDR
FURONO: VR 3000, VR-3000S, VR-5000
INTERSCHALT/ Stein Sohn VDR-G4, S-VDR-C.
SAM: VDR / S-VDR DEBEG 4300

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.

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 **17 May 2014**

R.-M. Tolk

Lloyd's Register EMEA

Hamburg Port



Surveyor to Lloyd's Register EMEA

A member of Lloyd's Register Group

Lloyd's Register, its affiliates and subsidiaries and their respective officers, employees or agents are, individually and collectively, referred to in this clause as the 'Lloyd's Register Group'. The Lloyd's Register Group assumes no responsibility and shall not be liable to any person for any loss, damage or expense caused by reliance on the information or advice in this document or howsoever provided, unless that person has signed a contract with the relevant Lloyd's Register Group entity for the provision of this information or advice and in that case any responsibility or liability is exclusively on the terms and conditions set out in that contract.