

Approval Certificate



This is to certify, that the undernoted company has been approved by Germanischer Lloyd for services on board ships classed with this Society, as far as GL is authorized for statutory duties by the flagstate concerned.

Certificate No. 12 844 - 11 HH

Company Naval Radio Ltda.
Cochrane 639, suite 57
Valparaiso, CHILE

Description Testing of Voyage Data Recorders (VDRs)

Technical Data/ Application Annual Performance Test of Voyage Data Recorder (VDR) in accordance with SOLAS 1976, as amended, Chapter V - Safety of Navigation, Regulation 18.8 and 2000 HSC Code, Regulation 13.16.2.

Approval is granted for the following types only:

JRC: JCY-1000, JCY 1700/1700-S, JCY-1800, JCY-1850
Highlander: HLD-A2/S, HLD-B2/S2 Broadgate: VER3000, 4000, 4000-S
Consilium: VDR M2, M3, M3.5, M4, F1; S-VDR M3.5, M4, S1
Headway: VDR HMT-100; S-VDR HMT-S100 AMI: VDR & S-VDR VR2272B
Kelvin Hughes; MDP VDR/S-VDR HHI: HiVDR, HiVDR-E
Samsung: S-VDR, S-VDR-Pro, S-VDR-3000 Netwave SVDR 4000
Danelec: VDR DM400/DM500; S-VDR DM200/DM300
Interschalt: MER-VDR, MER-SVDR, MER-SVDR-C, MER-NVDR, VDR G4
L-3 Communications: HVE, SVR Maris: VDR 2000/S; SVDR 2000
Totem Plus: Totem VDR, S-VDR Transas: S-VDR 3100 & 3200

Approval Standard Procedural Requirements for Service Suppliers Providing Services for Vessels Classed with Germanischer Lloyd / No. 0E111, June 2010.

Documents Form F136JE / 2007-11, dated 2010-11-04

Remarks None

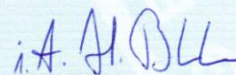
Valid until 2016-01-09

Page 1 of 1

File No. XIII.O.12

Hamburg, 2011-01-10

Germanischer Lloyd


Harald Bluhm


Jan Reinecke

The latest edition of the General Terms and Conditions of Germanischer Lloyd is applicable.
German law applies.