



# DET NORSKE VERITAS

## APPROVAL OF SERVICE SUPPLIERS

Certificate No.: **VPO-11-3169**

THIS IS TO CERTIFY THAT

**Naval Radio Limited  
VALPARAISO , Chile**

is granted acceptance for  
**Annual Survey and Testing of Voyage Data Recorders on Ships, High Speed and Light Craft and Mobile Offshore Units, classed by the Society, in accordance with Approval Programme No. 412 and IACS UR Z17, as amended.**

See enclosed Appendix for further details regarding subsidiaries/agents/operators etc.

This Certificate is valid until **2015-02-27**.

Issued at **Viña del Mar, Chile** on **2011-12-30**

for **Det Norske Veritas AS**

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**Louis Laclabere**  
**DNV Country Manager**

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**Gurden Warren Eaton**  
**DNV Surveyor**  
**Viña del Mar**

*This Certificate may be cancelled if:*

- 1. The service provided has been improperly carried out or the results improperly reported.*
- 2. The surveyor has found any deficiencies in the accepted operating systems of the service supplier.*
- 3. The firm has failed to inform of any major changes having effect on the quality of the service rendered.*
- 4. The conditions listed in the appendix are changed and/or are not fulfilled.*

If any person suffers loss or damage which is proved to have been caused by any negligent act or omission of Det Norske Veritas, then Det Norske Veritas shall pay compensation to such person for his proved direct loss or damage. However, the compensation shall not exceed an amount equal to ten times the fee charged for the service in question, provided that the maximum compensation shall never exceed USD 2 million. In this provision "Det Norske Veritas" shall mean the Foundation Det Norske Veritas as well as all its subsidiaries, directors, officers, employees, agents and any other acting on behalf of Det Norske Veritas.

## Appendix to Approval of Service Suppliers

Appendix No. 01 to Certificate No. VPO-11-3169

### Brands and Models

- CONSILIUM : VDR M2, M3, M3.5, M4 & F1 / S-VDR M3.5, M4 & S1
- HEADWAY : VDR HMT-100 / SVDR HMT-S100
- HIGHLANDER: VDR HLD-A2/S / SVDR HLD-B2/S2
- KELVIN HUGHES: MDP VDR / MDP SVDR
- SAMSUNG: S-VDR / S-VDR-Pro / S-VDR-3000
- DANELEC: DM200 S-VDR / DM300 S-VDR / DM400 VDR / DM500 VDR
- HYUNDAI HEAVY INDUSTRIES: HiVDR / HiVDR-E
- NETWAVE: SVDR 4000
- JRC : JCY-1000/ JCY-1700 / JYC-1700S SVDR / JYC-1800 VDR/ JYC-1800 S-VDR / JCY-1850 SVDR
- INTERSCHALT, ex AVECS : MER-VDR / MER-SVDR / MER-SVDR-C/ MER-NVDR/ VDR G4
- RUTTER – NETWAVE: VDR 100/ VDR G2-G2S/ VDR G3-G3S
- L-3 Communications : Hardened Voyage Recorder – HVR Simplified Voyage Recorder – SVR
- MARIS: VDR 2000/S / SVDR 2000
- TOTEM PLUS: Totem VDR / S-VDR
- SELEX : VER 3000 / VER 4000 / VER 4000-S
- TRANSAS : SVDR 3100 & 3200
- AMI Marine : VR2272B VDR & S-VDR

### Main Office :

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Cochrane 639 , Suite 57  
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Chile

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Mobile phone: 56 9 84390969  
Facsimile: 56 32 2226420

### Branch Office:

Address:  
San Martin No. 115, Of. 33  
Talcahuano  
Chile

Telephone: 56 41 2427404  
Facsimile: 56 41 2427625

Website : [http:// www.navalradio.cl](http://www.navalradio.cl)  
E mail address : [enquires@navalradio.cl](mailto:enquires@navalradio.cl)

Issued at **Viña del Mar, Chile** on **2011-12-30**

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for **Det Norske Veritas AS**

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**Gurden Warren Eaton**  
**DNV Surveyor**