



# DET NORSKE VERITAS

## APPROVAL OF SERVICE SUPPLIERS

Certificate No.: **NGB-10-1543**

THIS IS TO CERTIFY THAT

**Ningbo Hongzhou Electronics Development Co., Ltd**  
**NINGBO, China**

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 **2013-06-30**.

Issued at **Ningbo** on **2010-05-10**

for Det Norske Veritas AS

**Hutchings, Sean**  
District Manager



**Han, Bi Dong**  
Surveyor  
Ningbo

*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. 1 to Certificate No. NGB-10-1543

### Approval Limitations:

For the VDR/S-VDR, the approval is limited to the following systems manufactured by Beijing Highlander Digital Record Technology Co., Ltd., Qingdao Headway Technology Co., Ltd., Haihua Electronics Enterprise Corporation, Japan Radio Co., Ltd., Furuno electric Co., Ltd., Jotron AS & Tianjin Sealantern Electronics Co., Ltd..

Further, the qualified technicians are as below list.

### Status of the Required Annual Audits:

Due Date of the Audits	Carried Out Date	Surveyor's Signature
2011-05-10		
2012-05-10		

### Qualified Technicians List

Name	Maker/Type	Cert. Validity
Jiang Changqing	Highlander/HLD-A2/S,B2/S2. Headway/HMT-100,S100. Haihua/HEV850/HVE847. JRC/JCY-1000,1700,1800,1850S. Furuno/VR-3000,3000S,5000. Jotron/S-VDR.	2011-06-25 2010-12-29
Qian Lijun	Highlander/HLD-A2/S,B2/S2. Headway/HMT-100,S100. Furuno/VR-3000,3000S,5000. Jotron/S-VDR.	2011-06-25 2010-12-29
Ju Xinchao	Highlander/HLD-A2/S,B2/S2. Headway/HMT-100,S100.	2010-12-29
Yang Zhengquan	Highlander/HLD-A2/S,B2/S2. Headway/HMT-100,S100.	2010-12-29
Hu Xiangzu	Headway/HMT-100,S100.	2010-12-29
Li Zhizhong	Headway/HMT-100,S100. Haihua/HEV850/HVE847. Furuno/VR-3000,3000S,5000. Sealantern/SLT-18C.	2010-12-29
Peng Shiyin	JRC/JCY-1000,1700,1800,1850S.	2010-01-06

Issued at Ningbo on 2010-05-10



for Det Norske Veritas AS

**Bi Dong Han**  
Surveyor