



中国船级社
CHINA CLASSIFICATION SOCIETY

编号/No. SI25PTCCR130

船载计算机系统网络安全低风险声明
STATEMENT OF COMPLIANCE WITH LOW RISK ACCEPTANCE CRITERIA

兹证明本声明所述制造厂生产的产品符合网络安全低风险接受准则。
This is to certify that the products produced by the manufacturer cited in this Statement meets the exemption criteria of the requirements of the standards listed below.

制造厂/Manufacturer

江苏海兰船舶电气系统科技有限公司
Jiangsu Highland Integration Technology Co.,LTD.

地址/Address

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No.199, Qingfeng Road, Sutong Science Park, Nantong City, Jiangsu Province

产品名称/Product

简易航行数据记录仪 (S-VDR)
Simplified Voyage Data Recorder (S-VDR)

依据标准/Approval Standard

1. 国际船级社协会船舶网络韧性统一要求 UR E26 (Rev.1) 第6章
Chapter 6, Cyber resilience of ships, UR E26 (Rev.1), of IACS.
2. 中国船级社《船舶网络安全指南》(2024) 第1.4节
Section 1.4, Guidelines for Ship Cyber Security (2024) of CCS.

产品型式认可证书编号/No. of Type Approval Certificate

JS24PTB00167_01

用于/Intended for

船舶/Ships

签发地点
Issued at 北京
Beijing

签发时间
Issued on July 28, 2025

签发机构
Issued by

中国船级社科创试验中心
Science & Technology Innovation and Test Center
China Classification Society



Notes:

1. This Society provides service based on the agreement, in no case shall this Society be liable for any loss of any party who has no direct contractual relations with this Society.
2. Any significant changes to the aforementioned product not agreed by CCS will result in this certificate becoming invalid. CCS does not undertake any legal and economic liabilities arising from accepting this Society's certificate without prior permission from this Society.
3. The law of People's Republic of China applies.

产品明细/Product Description

航行数据记录仪/Shipborne Voyage Data Recorder

名称/Name	属性（值）/Value
型号/Type	HLD-SVDR600, HLD-SVDR700
硬件/Hardware	详见附页 See additional page
软件/Software	详见附页 See additional page
系统类别/Category	II类
安装位置/Location	驾驶台、驾驶台甲板、驾驶台内/外、舱室

风险评估报告/Risk Assessment Report

编号/No.: SI25HINEAR06 日期/Date: 2025-07-24

评估保持条件/Maintenance Requirements of Assessment

1. 该声明与系统所取得型式认可证书时认可条件相关联，当型式认可证书失效时，本豁免声明将自动失效，同时豁免最终应结合实际安装场景获得本社最终批准。

This Statement is associated with the conditions when the product obtains its type approval certificate, i.e. the invalidity of the type approval certificate will automatically lead to the invalidity of this Statement. Meanwhile, the final approval of exemption will be granted by CCS taken into account the actual deployment.

2. 评估后，如果系统资产清单以及预期的安装环境发生改变，且影响到系统的主要特性、特征，或系统的性能指标有所更改，或超过认可的范围，则有关图纸和文件应经检验机构审批。如检验机构认为必要，本社检验人员应见证有关试验并进行检查，且结果证实仍能满足豁免证明条件。

After assessment, if there are changes to the design, materials used or manufacturing method of the product and important components and such changes affect major characteristics and properties of the product, or property indexes of the product are changed and exceed the scope of approval, related drawings and documents are to be examined and approved by the concerned survey office. Where deemed necessary by the survey office, the surveyor to the Society will witness relevant tests and conduct inspection and the results should be able to demonstrate compliance with the approval conditions.

3. 制造商的质量管理体系应保持有效运行，并且与认可时一致。如果质量管理体系发生改变，应经原体系认证机构审核并报本社批准。

The manufacturer shall ensure the effective operation of its quality management system, and that it maintains the same as when the approval is granted. If there are any changes to the quality management system, an audit of the quality management system by the original certification body is necessary and the society's approval shall be obtained.

4. 评估后，当网络场景中的变化导致系统相关的风险水平高于可接受的风险阈值，船东应通知船级社，并提交更新的风险评估以供审查。

After assessment, should the changes in the cyber scenario be such as to elevate the risk level associated to the CBS under examination above the acceptable risk threshold, the shipowner shall inform the Classification Society and submit the updated risk assessment for evaluation.

备注/Remarks

1. 系统集成商应在设计和建造阶段进行风险评估，考虑原始设计的可能变化和一开始未知的威胁和/或漏洞。

Risk assessment shall be made and kept up to date by the system integrator during the design and building phase considering possible variations of the original design and newly discovered threats and/or vulnerabilities not known from the beginning.

2. 在船舶运营期间，船东应考虑网络场景的不断变化和船上CBS在持续改进过程中发现的新的弱点，更新风险评估。如果发现新的风险，船东应更新现有风险或实施新的风险缓解措施。

During the operation of the ship, the shipowner shall update the risk assessment considering the constant changes in the cyber scenario and new weaknesses identified in CBS onboard in a process of continuous improvement. Should new risks be identified, the shipowner shall update existing, or implement new risk mitigation measures.

3. 本声明含有附件，共2页。

This Statement is attached with additional 2 pages.

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产品明细 Product Description

1、型号/Type: HLD-SVDR600

序号 /Serial number	产品名称/Product Name	型号/Type	软件/Software
1	主机单元/Main Unit	HLD-MU600	V2.5.3
2	操作单元/Operation Unit	HLD-OPU600	V1.3.0
3	固定数据存储单元/Fixed Protective Data Recording Capsule	HLD-PDC600	V2.5.3
4	串口数据采集单元/Serial Data Acquisition Unit	HLD-DAU600	V2.3.0
5	水下声学信标/Acoustic underwater beacon	HLD-ULD601 or HLD-ULD602 or HLD-ULD603 or HLD-ULD604	/
6	视频数据采集单元/Video Acquisition Unit	HLD-VAU600	V2.3.0
7	存储单元接线盒/Capsule Junction Box	HLD-CJB600	/
8	室内麦克风/Indoor Microphones	HLD-MIC600	/
9	室外麦克风/Outdoor Microphones	HLD-MIC610	/
10	长期数据存储单元/Long-term Data Recording Unit (选配/Optional)	HLD-LRU600	V2.5.3
11	自浮数据存储单元/Float-free Data Recording Capsule (选配/Optional)	HLD-FFC660A or HLD-FFC680A or HLD-FFC600A	V2.5.3
12	非标数据采集单元/Non-standard Data Acquisition Unit (选配/Optional)	HLD-NAU600	V2.3.0
13	电池组 Battery Pack	HLD-BTP600 or HLD-BTP660 or HLD-BTP680A	/
14	静水压力释放器 Hydrostatic Release Unit	HLD-HRU600 or HLD-HRU660 or HLD-HRU680A	/

2、型号/Type: HLD-SVDR700

序号 /Serial number	产品名称/Product Name	型号/Type	软件/Software
1	主机单元 (含长期存储介质) /Main Unit (with Long-term recording medium)	HLD-MU700	V1.0.1
2	操作单元/Operation Unit	HLD-OPU700	V1.3.0

3	固定数据存储单元/Fixed Protective Data Recording Capsule	HLD-PDC600	V1.0.1
4	数据采集单元(选配)/Data Acquisition Unit (Option)	HLD-DAU7X0	V2.3.0
5	视频数据采集单元 (选配) /Video Acquisition Unit (Option)	HLD-VAU700	V2.3.0
6	室内麦克风/Indoor Microphones	HLD-MIC600	/
7	室外麦克风/Outdoor Microphones	HLD-MIC610	/
8	自浮数据存储单元 (选配) /Float-free Data Recording Capsule (Option)	HLD-FFC600A or HLD-FFC660A or HLD-FFC680A	V1.0.1
9	扩展音频采集单元 (选配) /Extended Audio Acquisition Unit	HLD-EAU700	V2.3.0
10	存储单元接线盒/Capsule Junction Box	HLD-CJB600	/
11	水下声学信标/Acoustic underwater beacon	HLD-ULD601 or HLD-ULD602 or HLD-ULD603 or HLD-ULD604	/
12	电池组/Battery Pack	HLD-BTP600 or HLD-BTP660 or HLD-BTP680A	/
13	静水压力释放器/Hydrostatic Release Unit	HLD-HRU600 or HLD-HRU660 or HLD-HRU680A	/

3、数据采集单元可选配置有/ Data acquisition unit optional configurations include:

序号 No.	配置/Configurations	部件型号 Part Model
1	64 通道开关输入, 8 通道模拟量输入/64 ports contact input, 8 ports analog input	HLD-DAU700
2	64 通道开关输入, 8 通道 IEC 61162-1/2 输入/64 ports contact input, 8 ports IEC61162-1/2 input	HLD-DAU710
3	64 通道开关输入, 8 通道模拟输入, 8 通道 IEC 61162-1/2 输入/ 64 ports contact input, 8 ports analog input, 8 ports IEC 61162-1/2 input	HLD-DAU720
4	64 通道开关输入, 16 通道串行 IEC 61162-1/2 输入/64 ports contact input, 16 ports IEC 61162-1/2 input	HLD-DAU730
5	8 通道模拟量输入, 8 通道串行 IEC 61162-1/2 输入/8 ports analog input, 8 ports IEC 61162-1/2 input	HLD-DAU740