



TYPE APPROVAL CERTIFICATE

Certificate No:
TAA00002V5
Revision No:
1

This is to certify:

That the Electronic record book (ELRB)

with type designation(s)
Anschütz eLog

Issued to

Anschütz GmbH
Kiel, Schleswig-Holstein, Germany

is found to comply with

IMO Resolution MSC.302(87) Performance standards for Bridge Alert Management
IMO Res. A.694(17) General requirements for shipborne radio equipment forming part of the global maritime distress and safety system (GMDSS) and for electronic navigational aids
IMO Res. MEPC.312(74) Guidelines for the use of electronic record books under MARPOL

Application :

The Anschütz eLog electronic record book for ships can be used to meet the requirements of the record books according to SOLAS 74 Reg. V/28, IMO Res. A.916(22) and MARPOL 73/78 Annex I Reg. 17, Annex V Reg. 10.3 and Annex VI Reg. 13.5.3.

Issued at **Hamburg** on **2023-05-16**

for **DNV**

This Certificate is valid until **2025-11-22**.

DNV local unit: **Hamburg – CMC North/East**

Approval Engineer: **Jörg Rebel**

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Frederik Tore Elter
Head of Section

This Certificate is subject to terms and conditions overleaf. Any significant change in design or construction may render this Certificate invalid. The validity date relates to the Type Approval Certificate and not to the approval of equipment/systems installed.

LEGAL DISCLAIMER: Unless otherwise stated in the applicable contract with the holder of this document, or following from mandatory law, the liability of DNV AS, its parent companies and their subsidiaries as well as their officers, directors and employees ("DNV") arising from or in connection with the services rendered for the purpose of the issuance of this document or reliance thereon, whether in contract or in tort (including negligence), shall be limited to direct losses and under any circumstance be limited to 300,000 USD.



Product description

The Anschütz eLog electronic record book for ships comprises of the following equipment:

eLog gateway computer: type: 148-520.NG001

Software:

Software	Version	Description
Linux Debian	4.14	Operating system
PROG0459	E00.xx	eLog bridge connector
PROG0460	E00.xx	eLog CouchDB
PROG0461	E00.xx	eLog Web Application
PROG0462	E00.xx	eLog Web database

Additional equipment:

Power Supply: type: 6EP3332 24VDC/2.5A

Application/Limitation

- The Anschütz eLog is found in compliance with SOLAS 74 Reg. V/28, IMO resolution A.916(22) and MARPOL 73/78 Annex I Reg. 17, Annex V Reg. 10.3 and Annex VI Reg. 13.5.3.
- The final acceptance of the Anschütz eLog ELRB is subject to the decision of the flag state administration whose flag the ship is entitled to fly.
- The Anschütz eLog requires an approved external time source which delivers a UTC time.
- The Anschütz eLog requires a position fix from any approved GNSS.

Current available books are:

- Deck Logbook & Bellbook
- Engine Logbook
- Oil Record Book Part I – Machinery space operations
- Garbage Record Book Part I
- Harbour Towage Book

Current available applications are:

- Noon Report
- IMO Crew List
- Tank List
- Secure File Upload
- Cloud Access

Type approval documentation:

TTD02-11-20 Rev.1 List of test reports for Anschütz eLog
 10000000584 Electronic Logbook (eLog) Installation Instruction
 PROG0461 E00.xx Operator Manual is part of the software

Tests carried out

- Environmental and EMC testing: IEC 60945 (2002) incl. Corrigendum 1 (2008)
- Interface testing: IEC 61162-1 (2016), IEC 61162-2 (1998) and IEC 61162-450 (2018)
- Presentation testing: IEC 62288 (2021)
- Bridge alert management testing: IEC 62923-1 (2018) and IEC 62923-2 (2018)
- Performance testing: ISO 21745 (2019)

Marking of product

The products to be marked with:

- Manufacturer name
- Type designation
- Serial number
- Compass safe distance (if applicable)

Periodical assessment

This certificate is only valid if required periodical assessments are carried out with satisfactory results. To check the validity of this certificate, please look it up in <https://approvalfinder.dnv.com>.

END OF CERTIFICATE