



Marine & Offshore

Certificate number: 65192/A0 BV

File number: MPA2101084

Product code: 0003H

*This certificate is not valid when presented without the full attached schedule composed of 7 sections*

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## TYPE APPROVAL CERTIFICATE

*This certificate is issued to*

**Kongsberg Maritime AS**

Horten - NORWAY

*for the type of product*

**ELECTRONIC RECORD BOOK**

K-Fleet Logbook

**Requirements:**

Bureau Veritas Rules for the Classification of Steel Ships  
IMO Resolution MEPC 312(74)

*This certificate is issued to attest that Bureau Veritas Marine & Offshore did undertake the relevant approval procedures for the product identified above which was found to comply with the relevant requirements mentioned above.*

**This certificate will expire on: 16 Jun 2026**

**For Bureau Veritas Marine & Offshore,**

At BV OSLO, on 16 Jun 2021,

Rune MARSTEIN

*Rune Marstein*



This certificate remains valid until the date stated above, unless cancelled or revoked, provided the conditions indicated in the subsequent page(s) are complied with and the product remains satisfactory in service. This certificate will not be valid if the applicant makes any changes or modifications to the approved product, which have not been notified to, and agreed in writing with Bureau Veritas Marine & Offshore. Should the specified regulations or standards be amended during the validity of this certificate, the product(s) is/are to be re-approved prior to it/they being placed on board vessels to which the amended regulations or standards apply. This certificate is issued within the scope of the General Conditions of Bureau Veritas Marine & Offshore available on the internet site www.veristar.com. Any Person not a party to the contract pursuant to which this document is delivered may not assert a claim against Bureau Veritas Marine & Offshore for any liability arising out of errors or omissions which may be contained in said document, or for errors of judgement, fault or negligence committed by personnel of the Society or of its Agents in establishment or issuance of this document, and in connection with any activities for which it may provide.

The electronic version is available at: <http://www.veristarnb.com/veristarnb/jsp/viewPublicPdfTypepec.jsp?id=smdvrno6di>

BV Mod. Ad.E 530 June 2017

This certificate consists of 3 page(s)

## THE SCHEDULE OF APPROVAL

### 1. PRODUCT DESCRIPTION (software):

K-Fleet Logbook is a software system to replace traditional paper logbooks onboard vessels.

The following cases have been approved within the scope of this certificate, in accordance with MEPC 312(74) :

- Oil Record Book Part 1 (MARPOL Annex I, regulations 17.1 and 36.1)
- Oil Record Book Part 2 (MARPOL Annex I, regulations 17.1 and 36.1)
- Cargo Record Book (MARPOL Annex II, regulation 15.1)
- Garbage Record Book Part 1 (MARPOL Annex V, regulation 10.3)
- Garbage Record Book Part 2 (MARPOL Annex V, regulation 10.3)
- Ozone-depleting substances Record Book (MARPOL Annex VI, regulation 12.6)

Minimum server specifications :

OS	Windows 7 / Windows server 2008 R2 or higher
Database	Microsoft SQL 2005R2 or higher
Network protocol	TCP / IP
CPU	Pentium IV dual core or better
Memory	2 GB RAM (8 GB recommended)
Hard disk	1 GB (50 GB recommended)

Software version : **4.1.x**

### 2. DOCUMENTS AND DRAWINGS :

- Kongsberg K-Fleet Logbook MEPC 312(74) Compliance document 466413 rev A dated 2020-08-13
- Software quality plan in K-Fleet, Fleet management software life cycles activities document 480158 rev A dated 2021-04-09
- K-Fleet Logbook user manual 314734 rev H dated April 2021

### 3. TEST REPORTS :

- K-Fleet Logbook MEPC 312(74) compliance Test Procedure 481040 rev A signed on 21 May 2021

### 4. APPLICATION / LIMITATION :

- 4.1 BUREAU VERITAS Rules for the Classification of Steel Ships.
- 4.2 The **K-Fleet Logbook** has been approved in accordance with Category I requirement.
- 4.4 The **K-Fleet Logbook** is to be installed and used according to the manufacturer's recommendations
- 4.4 The **K-Fleet Logbook** is to be installed according to MEPC 312(74), Annex 1, § 4.4.5, related to infrastructure, computers and peripherals.

### 5. PRODUCTION SURVEY REQUIREMENTS :

5.1 - The **K-Fleet Logbook** software is to be manufactured, examined and tested by **Kongsberg Maritime AS** in accordance with the type described in this certificate.

5.2 - This type of product is within the category HBV of Bureau Veritas Rule Note NR320 and as such does not require a BV product certificate.

5.3 - **Kongsberg Maritime AS** has to make the necessary arrangements to have its works recognised by Bureau Veritas in compliance with the requirements of NR320 for HBV products.

5.4 - For information, **Kongsberg Maritime AS** has declared to Bureau Veritas the following production site :

**Kongsberg Maritime AS**  
**P.O. box 1009**  
**3194 Horten**  
**NORWAY**

### 6. MARKING OF PRODUCT :

Identification is:

- Maker's name **Kongsberg Maritime AS**
- Version : **4.1.x**

The identification is to be displayed in the top left hand corner of each screen. It is to be available in the software manual.

**7. OTHERS :**

7.1 - **Kongsberg Maritime AS** should notify **BUREAU VERITAS** of any modification or changes to the software in order to maintain the validity of the Type Approval Certificate or to renew it, as relevant.

7.2 - This approval is given on the understanding that the Society reserves the right to require check tests to be carried out on the installed softwares at any time and that **Kongsberg Maritime AS** will accept full responsibility for informing shipbuilders, ship owners or their sub-contractors of the proper methods of use and general maintenance of the software and the conditions of this approval.

\*\*\* END OF CERTIFICATE \*\*\*