



## ELECTRONIC LOGBOOK

Software system making logbook entries quick and easy. Meeting requirements of IMO, Marpol, SOLAS and several flag states for replacing many of the traditional paper logbooks.

### Easy to use

The K-Log application is designed to simplify logbook entries. The software system simplifies data capture, improves data quality and provide more efficient information exchange.

High degree of recognition with traditional paper logbooks:

- Deck logbook,
- Engine Logbook,
- Oil Record Book P1,
- Garbage logbook,
- Radio Logbook,
- DP logbook,
- Operational logbook,
- Official logbook and more.

Daily reporting tasks become less time consuming, reducing workload for officers to focus on operational tasks.

### Great flexibility

K-Log is part of the K-Fleet software system. The modular approach ensures that system solutions can be tailored to the requirements of each particular vessel type. A user friendly interface make it quick and easy to use for the operator.

Sailing "Paperless" requires flag state acceptance for electronic system. KM Electronic Logbook is accepted by major flag states.

Sales, installation, commissioning and service support is provided by KONGSBERG's worldwide network.

Insert Weather observation

Time: 15:38 Auto Values Last Reading

**Weather observation**

- Wind direction: ESE-11
- Wind force: 05 - Fresh breeze
- Weather: d - Snow, dust or sand drift
- Visibility: E - Very good visibility
- Sea: 3 - Slight
- Barometer: 1000
- Temp: 15,00 °C
- Sea temp: 15,00 °C

Insert Cancel

**Previously Entered Events**

UTC Time	Description	Logged by
13:00	Weather observations	JS

## Deck logbook report

Vessel : Kongsberg Testship  
 Date : 13. apr 2015  
 Status : Signed by JJ

Company IMO : 1234567  
 IMO : 1234567  
 Printed : 14. apr 2015 13:51



KONGSBERG

Place : Alboran Sea  
 Voyage : 815  
 UTC Offset : +1 hrs 0 mins

From : Lisbon  
 To : Barcelona

### Drift

Time	Forward m	Aft m	Mean m	Logged by
10:00	8,20	8,00	7,60	Johnny Johnsen

### Fire inspection

Time	Description	Logged by
03:00	Fire inspection of Smoke detector carried out	Johnny Johnsen

### Light check

Time	Description	Logged by
02:00	Visual inspection of running lights carried out. All OK	Johnny Johnsen

### Navigation by command

Time	Command	Logged by
04:00	Steering to pilot's advice and captain's command	Johnny Johnsen

### Navigation observation

Time	Standard compass course	Magnetic variance	Deviation stand compass	True course sailed	Drift (not caused by current)	Gyro or steering compass course	Error or deviation	Corrected standard compass course	Distance	Log reading	Correction factor	Logged by
01:00	331,0	2,0	1,0	330,0	10,0	330,5	0,5	330,0	25,0	20,0	1,0	Johnny Johnsen
02:00	282,1	2,0	1,0	283,1	10,0	280,3	0,5	281,0	25,0	20,0	1,0	Johnny Johnsen
03:00	276,0	2,0	1,0	275,0	10,0	275,9	0,5	274,0	10,0	19,0	1,2	Johnny Johnsen

### Other Events

Time	Name	Description	Logged by
03:30	Pilot	Petter Olsen	Johnny Johnsen
03:30	Pilot	Petter Olsen	Johnny Johnsen

### Weather observation

Time	Weather	Temp °C	Barometer mbar	Wind direction	Wind force	Sea	Sea temp °C	Visibility	Logged by
01:00	Partly clouded	25,0	1015	NNE-02	Light air	Smooth	26,2	Good visibility	Johnny Johnsen
02:00	Partly clouded	24,0	1012	NE-05	Light air	Smooth	26,8	Good visibility	Johnny Johnsen
03:00	Clear or light clouds	24,0	1012	ENE-07	Gentle breeze	Smooth	26,8	Good visibility	Johnny Johnsen

## SPECIFICATIONS

### K-Log's main features are:

- Software system collects data from ship systems into one single data storage manually or automatically.
- Supports event based recording of data related to navigation, engine, garbage handling, port calls and other operational activities.
- Supports data exchange for events that shall be recorded in multiple logbooks.
- Auto Values reads Tags and values automatically from an external source making the daily reporting tasks less time consuming.
- Easy access to previous recorded events of same type.
- The customer can define rules for proposed events, for reminding the operator of required log entries.
- Configurable drop down menus and adjustable default values for each input field.
- Periodical and emergency backup of data.
- Security features like user identification, password protection, traceability of entries, and database encryption.

### Technical information:

- K-Log can be used as a stand-alone application or as part of Kongsberg Fleet Management software suite.
- K-Log runs on Windows platform (Vista or newer). The system uses a SQL database such as MS SQL server or Firebird.

Specifications subject to change without any further notice.

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