



TUVALU SHIP REGISTRY

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MARINE CIRCULAR

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FOR: Ship Owners, Ship Managers, Ship Operators, Ship Masters, Ship Officers, Classification Societies

SUBJECT: ELECTRONIC LOGBOOK SYSTEMS

DEFINITIONS:

The following abbreviations stand for:

- “ISO” – International Standards Organization
- “PSC” – Port State Control
- “STCW” – International Convention on Standards of Training, Certification and Watchkeeping for Seafarers, 1978, as amended
- “VDR” – Voyage Data Recorder

The term “Administration” shall mean Tuvalu Ship Registry

PURPOSE:

This marine circular provides the requirements for the use of electronic log books on board Tuvalu flagged vessels intended to keep a record of navigation and engineering activities and incidents which are important to safety of navigation and protection of the environment and which must contain sufficient detail to restore a complete record of voyages.

REFERENCES:

- (a) International Standards Organization (ISO) Standard 8468
- (b) IMO MSC/Circ.982
- (c) IMO Resolution MSC.86(70)
- (d) IMO Resolution A.916(22)
- (e) STCW-95 Rule I/14.1.4

APPLICATION:

This circular applies to all shipowner/operators that have applied to the Administration with supporting documentation describing the system to be used and authorizations granted by other administrations recognized by this Administration for their use on board ships may install electronic logbook systems aboard their vessels.

CONTENTS:

An electronic data system for recordation and retention of Log Data may be used provided that the design of the equipment and software, including future updates, shall be such as to enable recording of information required by the SOLAS Convention and the Guidelines for the Recording of Events Related to Navigation and the system complies with the requirements set by this Administration.

1. Requirement

- 1.1. Electronic Logbook Systems, where the documentation requirements have been satisfied, may be applied when the following requirements are fulfilled in each case:
 - 1.1.1. The workstation on the bridge where the deck logbook is available shall be designed in accordance with the principles given in MSC/Circ.982 (reference (b)) and ISO standard 8468 (reference (a)).
 - 1.1.2. Presentation of the deck logbook shall follow the regulations in Resolution MSC.86(70) (reference (c)) and MSC/Circ.982/5.3.4.
 - 1.1.3. Lighting of display and keyboard for the deck logbook shall follow the regulations in ISO-8468 para 6.3.4 or MSC/Circ.982/5.3.6.
 - 1.1.4. The installation of the equipment for the deck logbook shall not give rise to electromagnetic interference which will affect the proper function of navigational systems and equipment on board.
 - 1.1.5. If technically feasible, all data entered into the electronic logbook system shall automatically be copied onto the vessel's VDR, if the vessel is so equipped.
 - 1.1.6. The electronic log data system software shall provide verifiable security from tampering and inappropriate revisions of data along with back-up arrangements for both the system (means of recording log data) and the log data itself, once recorded.

2. Documentation

- 2.1. The following documentation shall be carried on board and be presented upon request during PSC inspection or other authorized vessel inspections:
 - 2.1.1. The Administration's written authorization for use of the navigation and/or engineering electronic logbook system.
 - 2.1.2. A declaration from the supplier's installation contractor, that the system is installed according to current regulations, is performance tested and found in full functioning order.
 - 2.1.3. A declaration from the owner/operator that the officers on board have received training in accordance with STCW-95 regulation I/14.1.4, and that routines for safekeeping of the logbooks are implemented in the ship's ISM system.
 - 2.1.4. For the purpose of meeting the intent of the logbook requirement to be maintained in bound volumes, this Administration shall accept a hard copy (printout) of each day's entry of Log Data, duly signed and dated by the Master or Officer designated by the Master to make such entries, and retained in monthly binders onboard the ship for the duration as specified below:

"At the termination of each voyage, or not less frequently than semi-annually, the logs shall be forwarded to the shipowner and/or operator. All such logs shall be retained for a period of at least two (2) years from the date of receipt. In the event of a casualty occurring during a voyage covered by such logbooks, they shall be retained for so long as instructed by this Administration."

Yours sincerely,

Deputy Registrar
Tuvalu Ship Registry