
**Ships and marine technology —
Ship software logging system for
operational technology —**

**Part 2:
Electronic service reports**



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Foreword

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The procedures used to develop this document and those intended for its further maintenance are described in the ISO/IEC Directives, Part 1. In particular, the different approval criteria needed for the different types of ISO document should be noted. This document was drafted in accordance with the editorial rules of the ISO/IEC Directives, Part 2 (see www.iso.org/directives).

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This document was prepared by Technical Committee TC 8, *Ships and marine technology*, Subcommittee SC 11, *Intermodal and Short Sea Shipping*.

A list of all parts in the ISO 24060 series can be found on the ISO website.

Any feedback or questions on this document should be directed to the user's national standards body. A complete listing of these bodies can be found at www.iso.org/members.html.

Introduction

In 2017, BIMCO and CIRM published an industry standard that outlined effective software maintenance procedures to support maintenance activities throughout the full software lifecycle. Based on this standard, the International Standardization Organization in July 2021 published ISO 24060 that defines a Ship Software Logging System (SSLS) for shipboard equipment software and takes steps to automate the maintenance and management of software on a ship.

The working group developing ISO 24060 understood that it needed to take a step-by-step approach in developing the standards necessary to fully address the industry needs related to ship software logging because of the widespread variance in the sophistication of shipboard IT systems. ISO 24060 laid the necessary groundwork to implement a Ship Software Logging System (SSLS) for shipboard equipment software. This document addresses requirements for ship software service reports. It builds upon the procedures/processes/approaches outlined in ISO 24060 regarding logging systems for shipboard equipment software.

Ships and marine technology — Ship software logging system for operational technology —

Part 2: Electronic service reports

1 Scope

This document specifies the content required for electronic service reports which are used in ship software logging systems for operational technology.

This document specifies a digital format for service reports intended for use after the finalization of a software maintenance event, which is completed by the service provider and submitted to the shipowner who then adds it to the ship software logging system.

2 Normative references

The following documents are referred to in the text in such a way that some or all of their content constitutes requirements of this document. For dated references, only the edition cited applies. For undated references, the latest edition of the referenced document (including any amendments) applies.

ISO 24060:2021, *Ships and marine technology — Ship software logging system for operational technology*

3 Terms and definitions

For the purposes of this document, the following terms and definitions apply.

ISO and IEC maintain terminology databases for use in standardization at the following addresses:

- ISO Online browsing platform: available at <https://www.iso.org/obp>
- IEC Electropedia: available at <https://www.electropedia.org/>

3.1

on-board equipment

shipboard equipment serviced by a technician on the ship

3.2

shore-based equipment

equipment which is removed from the ship and is serviced by a technician not on the ship

3.3

remote equipment

equipment which remains on the ship and is serviced by a technician not on the ship

4 Service report requirements

4.1 General

If there are multiple service providers, each shall provide a service report.

[Clause 4](#) identifies the requirements for each service report.