~~2023-09-20~~

ISO/~~DIS~~ PRF 24060-2:~~2023(E)~~

ISO/TC 8/SC 11~~/WG 3~~

Secretariat: KATS

Date: 2023-11-0

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

Part 2:
Electronic service reports

iTeh Standards
(https://standards.iteh.ai)
Document Preview

ISO/PRF 24060-2
https://standards.iteh.ai/catalog/standards/sist/eeebdd82-fed1-4234-b70e-24e21e5d12ff/iso-prf-24060-2

PROOF

Edited DIS - MUST BE USED FOR FINAL DRAFT

© ISO- 2023

All rights reserved. Unless otherwise specified, or required in the context of its implementation, no part of this publication may be reproduced or utilized otherwise in any form or by any means, electronic or mechanical, including photocopying, or posting on the internet or an intranet, without prior written permission. Permission can be requested from either ISO- at the address below or ISO's member body in the country of the requester.

ISO- copyright office
CP 401 • Ch. de Blandonnet 8
CH-1214 Vernier, Geneva
Phone: + 41 22 749 01 11
~~Email~~E-mail: copyright@iso.org
Website: ~~www.iso.org~~www.iso.org

Published in Switzerland

iTeh Standards
(https://standards.iteh.ai)
Document Preview

ISO/PRF 24060-2
https://standards.iteh.ai/catalog/standards/sist/ceebdd82-fed1-4234-b70c-24c21c5d12ff/iso-prf-24060-2

Edited DIS - MUST BE USED FOR FINAL DRAFT

Contents

Foreword iv
Introduction v
1 Scope 1
2 Normative references 1
3 Terms and definitions 1
4 Service report requirements 1
4.1 General 1
4.2 File format and contents of service reports 2
4.2.1 General 2
4.2.2 General information 2
4.2.3 Information about the shipboard equipment and software 2
4.2.4 Details and purpose of maintenance event 2
4.2.5 Cyber security 3
4.2.6 Technical report 3
4.2.7 Operational checks after maintenance event 4
4.2.8 Signatures 4
4.2.9 Other information 4

iTeh Standards
(https://standards.iteh.ai)
Document Preview

~~Foreword iv~~
~~Introduction v~~
~~1 Scope 2~~
~~2 Normative references 2~~
~~3 Terms and definitions 2~~
~~4 Service Report Requirements 3~~
~~4.1 File Format and Contents of service reports 3~~

ISO/PRF 24060-2
https://standards.iteh.ai/catalog/standards/sist/ceebdd82-fed1-4234-b70c-24c21c5d12ff/iso-prf-24060-2

© ISO 2023 – All rights reserved

Edited DIS - MUST BE USED FOR FINAL DRAFT

Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

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 ~~documents~~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).

~~Attention is drawn~~ISO draws attention to the possibility that ~~some of~~ the ~~elements~~implementation of this document may ~~be~~involve the ~~subject~~use of (a) patent(s). ISO takes no position concerning the evidence, validity or applicability of any claimed patent rights~~.~~ in respect thereof. As of the date of publication of this document, ISO had not received notice of (a) patent(s) which may be required to implement this document. However, implementers are cautioned that this may not represent the latest information, which may be obtained from the patent database available at www.iso.org/patents. ISO shall not be held responsible for identifying any or all such patent rights. ~~Details of any patent rights identified during the development of the document will be in the Introduction and/or on the ISO list of patent declarations received (see www.iso.org/patents).~~

iTeh Standards
(https://standards.iteh.ai)
Document Preview

Any trade name used in this document is information given for the convenience of users and does not constitute an endorsement.

For an explanation of the voluntary nature of standards, the meaning of ISO specific terms and expressions related to conformity assessment, as well as information about ISO's adherence to the World Trade Organization (WTO) principles in the Technical Barriers to Trade (TBT), see ~~www.iso.org/iso/foreword.html~~www.iso.org/iso/foreword.html.

https://standards.iteh.ai/catalog/standards/iso/...-b70c-24c21c5d12ff/iso-prf-24060-2

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.

© ISO 2023 – All rights reserved
Edited DIS - MUST BE USED FOR FINAL DRAFT

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.

iTeh Standards
(https://standards.iteh.ai)
Document Preview

ISO/PRF 24060-2
https://standards.iteh.ai/catalog/standards/sist/ceebdd82-fed1-4234-b70c-24c21c5d12ff/iso-prf-24060-2

© ISO- 2023- – All rights reserved

Edited DIS - MUST BE USED FOR FINAL DRAFT

iTeh Standards
(https://standards.iteh.ai)
Document Preview

ISO/PRF 24060-2
https://standards.iteh.ai/catalog/standards/sist/ceebdd82-fed1-4234-b70c-24c21c5d12ff/iso-prf-24060-2