

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

First edition
2007-10-15

Ships and marine technology — Maritime port facility security assessments and security plan development

Navires et technologie maritime — Évaluation de la sécurité des installations portuaires maritimes et réalisation de plans de sécurité



Reference number
ISO 20858:2007(E)

© ISO 2007

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

PDF disclaimer

This PDF file may contain embedded typefaces. In accordance with Adobe's licensing policy, this file may be printed or viewed but shall not be edited unless the typefaces which are embedded are licensed to and installed on the computer performing the editing. In downloading this file, parties accept therein the responsibility of not infringing Adobe's licensing policy. The ISO Central Secretariat accepts no liability in this area.

Adobe is a trademark of Adobe Systems Incorporated.

Details of the software products used to create this PDF file can be found in the General Info relative to the file; the PDF-creation parameters were optimized for printing. Every care has been taken to ensure that the file is suitable for use by ISO member bodies. In the unlikely event that a problem relating to it is found, please inform the Central Secretariat at the address given below.



COPYRIGHT PROTECTED DOCUMENT

© ISO 2007

All rights reserved. Unless otherwise specified, no part of this publication may be reproduced or utilized in any form or by any means, electronic or mechanical, including photocopying and microfilm, without permission in writing from either ISO at the address below or ISO's member body in the country of the requester.

ISO copyright office
Case postale 56 • CH-1211 Geneva 20
Tel. + 41 22 749 01 11
Fax + 41 22 749 09 47
E-mail copyright@iso.org
Web www.iso.org

Published in Switzerland

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

Contents

Page

1	Scope	1
1.1	General.....	1
1.2	Conformance.....	1
2	Terms and definitions.....	1
3	Performance of the security assessment	3
3.1	Overview of the security assessment.....	3
3.2	Personnel conducting the security assessment	4
4	Security assessment procedures	4
4.1	General.....	4
4.2	Scope of the security assessment.....	4
4.3	Current status of security at the port facility	5
4.3.1	Identification of assets and infrastructure	13
4.3.2	Consultations	13
4.4	Threat scenarios and security incidents	13
4.5	Classification of consequences	15
4.6	Classification of likelihood of security scenarios	15
4.7	Security incident scoring	15
4.8	Countermeasures	16
4.8.1	General.....	16
4.8.2	Countermeasure exceptions	16
5	Port Facility Security Plan (PFSP).....	16
5.1	General.....	16
5.2	Prioritization of countermeasures	16
5.3	Port Facility Security Plan contents	17
5.3.1	General.....	17
5.3.2	Table of contents	17
5.3.3	Items in facility plot plan.....	17
5.3.4	Security administration and organization of the port facility.....	17
5.3.5	Port Facility Security Officer	17
5.3.6	Changes in security levels.....	18
5.3.7	Procedures for interfacing with ships	18
5.3.8	Declaration of Security (DoS)	18
5.3.9	Additional requirements for port facility receiving passenger ship at Security Level 1	18
5.3.10	Communications.....	18
5.3.11	Security systems and equipment maintenance	18
5.3.12	Security measures for access control, including designated public access areas	18
5.3.13	Security measures for access control, including designated public access areas at Security Level 2.....	20
5.3.14	Security measures for access control, including designated public access areas at Security Level 3.....	20
5.3.15	Security measures for restricted areas	20
5.3.16	Access to restricted areas	20
5.3.17	Security measures for handling cargo at Security Level 2	21
5.3.18	Security measures for delivery of ship's stores/spare parts and bunkers.....	22
5.3.19	Security measures for monitoring	22
5.3.20	Security incident procedures	22
5.3.21	Additional requirements for passenger and ferry port facilities	23
5.3.22	Additional requirements at cruise ship terminals	23
5.3.23	Audits and security plan amendments.....	24
5.3.24	Skills, knowledge and competencies of security and port facility personnel.....	24

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

5.3.25	Drills and exercises	26
5.4	Execution of the supply chain security plan.....	26
6	Documentation	26
6.1	Safeguarding the documents.....	26
6.2	Port Facility Security Assessment Report	26
6.3	Marine Port Facility Security Plan	27
6.4	Security operations and security training records.....	27
6.5	Retention of records	28
Annex A	(informative) Guidance for obtaining advice and certification.....	29
A.1	General	29
A.2	Demonstrating conformance with ISO 20858 by audit.....	29
A.3	Certification of ISO 20858 by third party certification bodies	29

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 2.

The main task of technical committees is to prepare International Standards. Draft International Standards adopted by the technical committees are circulated to the member bodies for voting. Publication as an International Standard requires approval by at least 75 % of the member bodies casting a vote.

Attention is drawn to the possibility that some of the elements of this document may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

ISO 20858 was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*.

This first edition of ISO 20858 cancels and replaces ISO/PAS 20858:2004, which has been technically revised.

This is a preview of "ISO 20858:2007". [Click here to purchase the full version from the ANSI store.](#)

Introduction

This International Standard addresses the execution of marine port facility security assessments, marine port facility security plans (including countermeasures) and the skills and knowledge required of the personnel involved. This International Standard is designed to ensure that the completed work meets the requirements of the International Maritime Organization (IMO) International Ships and Port Facility Security Code (ISPS) and the appropriate maritime security practices that can be verified by an outside auditor. Since other ISO standards may address non-marine port facilities the word "marine" usually appears before port facilities in this standard. This standard is intended to address port facilities as defined in the ISPS.