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Ships and marine technology — Servicing of inflatable life-saving appliances —

Part 1: General

Navires et technologie maritime — Entretien des dispositifs de sauvetage gonflables —

Partie 1: Généralités

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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 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 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. 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).

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

For an explanation on 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 the following URL: www.iso.org/iso/foreword.html.

This document was prepared by Technical Committee ISO/TC 8, *Ships and marine technology*, Subcommittee SC 1, *Maritime safety*.

A list of all parts in the ISO 18079 series can be found on the ISO website.

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Introduction

The IMO International Convention on the Safety of Life at Sea of 1974 (SOLAS 74) Chapter III Regulation 20.8 sets requirements for the annual servicing and inspection of inflatable life rafts, inflatable lifejackets, marine evacuation systems, and maintenance and repair of inflated rescue boats on ships. This regulation refers to the IMO Recommendation on the conditions for the approval of servicing stations for inflatable life rafts Assembly resolution A.761(18).

However, this resolution only provides specific standards for the servicing, maintenance and repair of inflatable life rafts and remains silent for other types of inflatable or inflated life-saving appliances mentioned by SOLAS Chapter III Regulation 20.8 and consequently, the application of this statutory requirement could vary widely in practice.

The ISO 18079 series addresses those areas in which the IMO recommendation is silent, in order to facilitate consistent implementation by maritime Administrations. It is intended for use as a companion to the IMO recommendation and also to encompass all other relevant life-saving appliances covered by the ISO 18079 series and not necessarily regulated by IMO instruments.

The IMO Recommendation, on the conditions for the approval of servicing stations for inflatable life rafts Assembly resolution A.761(18), specifies obligations and responsibilities for Administrations, manufacturers and ship owners. While the ISO 18079 series covers the requirements of this resolution, it has been rearranged and reformulated in order to enable a single entity, i.e. a servicing station, to attain certification in accordance with the ISO 18079 series. This does not mean that the specified obligations and responsibilities are lifted, delegated or otherwise transferred by authority from those parties to the single entity being certified.

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Ships and marine technology — Servicing of inflatable life-saving appliances —

Part 1: General

1 Scope

This document, in conjunction with ISO 18079-2, ISO 18079-3, ISO 18079-4 and ISO 18079-5, states general provisions for servicing stations for inflatable life-saving appliances including, but not limited to, those subject to SOLAS III/20.8.

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.

Recommendation on conditions for the approval of servicing stations for inflatable liferafts, as adopted by IMO assembly resolution A.761(18), and amended by resolutions MSC.55(66) and MSC.388(94)

3 Terms and definitions

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

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

— IEC Electropedia: available at http://www.electropedia.org/

— ISO Online browsing platform: available at http://www.iso.org/obp

NOTE Conformity assessment related terms used, e.g. “accreditation” and “certification”, have a different meaning than their usual use in ISO standards because this document uses the same definitions as specified in the IMO resolution.

3.1
accredit (verb)
give authority or sanction to someone, i.e. a servicing station, when recognized standards have been met

3.2
accreditation
process in which certification of competency, authority, or credibility is presented to the servicing station by the manufacturer

3.3
Administration
authority that undertake(s) the approval, periodic inspection and checks of servicing stations for the service of equipment covered by the ISO 18079 series and the tasks set out in 4.2

3.4
appliances
inflatable life-saving appliances and arrangements covered by the scope of the ISO 18079 series

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3.5
approval
process in which the Administration authorizes an accredited servicing station to service equipment covered by this document

3.6
certified technician
qualified person employed by an accredited servicing station and adequately trained and certificated by the manufacturer on specific types of appliances in accordance with Clause 8

3.7
log card
document containing logged information relating to the servicing history of a product

3.8
manufacturer
party that originally places appliances covered by the ISO 18079 series on the market and/or that exerts design authority over the appliances and also any duly appointed agent

3.9
re-inspection certificate
document issued by an accredited and approved servicing station verifying that the appliance has been serviced in accordance with the required specifications

3.10
servicing station
company that provides servicing of appliances covered by the ISO 18079 series and maintains approval by the Administration and accreditation by the manufacturer of the appliances for which they provide servicing

4 Responsibilities of servicing stations

4.1 General

Servicing stations are responsible, upon request, to provide evidence of their approval and accreditation by the Administration and the manufacturers of the appliances for which they provide services.

Servicing stations shall allow a representative of the ship owner or end user to be in attendance during service, if so desired.

In order to ensure that the servicing of appliances is effectively conducted, the servicing station shall meet the requirements of manufacturers and Administrations as set out in the following subclauses.

4.2 Responsibilities of Administrations

4.2.1 In order to ensure that the periodic servicing of appliances covered by this document is performed at servicing stations that have demonstrated competence to service and repack the appliances, maintain adequate facilities and use only properly trained personnel, the servicing station shall allow for the necessary inspections by the Administration.

4.2.2 In order to be approved, servicing stations shall have demonstrated the above mentioned capability for appliances of each manufacturer whose appliances they are approved to service.

4.2.3 After initial approval, the servicing station shall allow for inspections by the manufacturer, as well as for inspections by the Administration, to ensure that manufacturer support is up to date and effective and that the requirements of this document are complied with.

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