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Small craft — Toilet waste retention systems

*Petits navires — Systèmes de rétention des déchets des installations
sanitaires (toilettes)*



Reference number
ISO 8099:2000(E)

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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.

International Standards are drafted in accordance with the rules given in the ISO/IEC Directives, Part 3.

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 International Standard may be the subject of patent rights. ISO shall not be held responsible for identifying any or all such patent rights.

International Standard ISO 8099 was prepared by Technical Committee ISO/TC 188, *Small craft*.

This second edition cancels and replaces the first edition (ISO 8099:1985), of which it constitutes a technical revision.

Annex A forms a normative part of this International Standard. Annex B is for information only.

Small craft — Toilet waste retention systems

1 Scope

This International Standard specifies requirements for the design, construction, and installation of systems for temporary retention of sewage for subsequent disposal. It applies to small craft of hull length up to 24 m.

2 Normative reference

The following normative documents contain provisions which, through reference in this text, constitute provisions of this International Standard. For dated references, subsequent amendments to, or revisions of, any of these publications do not apply. However, parties to agreements based on this International Standard are encouraged to investigate the possibility of applying the most recent editions of the normative documents indicated below. For undated references, the latest edition of the normative document referred to applies. Members of IEC and ISO maintain registers of currently valid International Standards.

ISO 228-1:1994, *Pipe threads where pressure-tight joints are not made on the threads — Part 1: Dimensions, tolerances and designation.*

ISO 9093-1:1994¹⁾, *Small craft — Seacocks and through-hull fittings — Part 1: Metallic.*

ISO 10133:2000, *Small craft — Electrical systems — Extra-low-voltage d.c. installations.*

ISO 13297:2000, *Small craft — Electrical systems — Alternating current installations.*

3 Terms and definitions

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

3.1

retention system

interconnected sanitation equipment including hoses, pipes, holding tank and fittings designed for use on board small craft to receive, retain, vent and dispose of sewage

3.2

sewage

human body wastes and the wastes, including flushing water, from toilets and other receptacles intended to receive or retain these wastes

3.3

accessible

capable of being reached for inspection, removal or maintenance without removal of the permanent craft structure

¹⁾ EN ISO 9093-1 published in 1997.