
International Standard



3827/5

INTERNATIONAL ORGANIZATION FOR STANDARDIZATION • МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ • ORGANISATION INTERNATIONALE DE NORMALISATION

**Shipbuilding — Co-ordination of dimensions in ships' accommodation —
Part 5 : Co-ordinating sizes for key components**

Construction navale — Coordination dimensionnelle pour l'ameublement des navires — Partie 5 : Dimensions de coordination pour les composants clés

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Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards institutes (ISO member bodies). The work of developing International Standards is carried out through ISO technical committees. Every member body interested in a subject for which a technical committee has been set up 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.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council.

International Standard ISO 3827/5 was developed by Technical Committee ISO/TC 8, *Shipbuilding*, and was circulated to the member bodies in August 1978.

It has been approved by the member bodies of the following countries :

Australia	Ireland	Romania
Belgium	Italy	Spain
Brazil	Japan	Sweden
Bulgaria	Korea, Dem. P. Rep. of	Turkey
Czechoslovakia	Korea, Rep. of	United Kingdom
Finland	Mexico	USSR
France	Netherlands	Yugoslavia
India	Norway	

The member body of the following country expressed disapproval of the document on technical grounds :

Germany, F. R.

Shipbuilding — Co-ordination of dimensions in ships' accommodation —

Part 5 : Co-ordinating sizes for key components

0 Introduction

This part of ISO 3827 is a companion work to the following :

Part 1 : Principles of dimensional co-ordination;

Part 2 : Glossary of terms;

Part 3 : Co-ordinating sizes for components and assemblies;

Part 4 : Controlling dimensions.

1 Scope and field of application

This International Standard gives guidance on the choice of co-ordinating sizes for the key components used in the outfitting of ships' accommodation.

NOTE — Users of this International Standard should refer to national and international rules or regulations to ensure compliance with the requirements for individual ships.

2 Definitions

For the purpose of this International Standard the definitions given in ISO 3827/2 are applicable.

3 Guidance for the selection of co-ordinating sizes

3.1 Within dimensionally co-ordinated accommodation, the principal components which occur repeatedly and, therefore,

offer the most scope for rationalization of sizes, are :

- a) bulkhead and lining panels;
- b) ceiling panels and tiles;
- c) internal door sets;
- d) window and sidelight boxes;
- e) bunks and beds;
- f) chests of drawers;
- g) cupboards;
- h) writing desks;
- i) settees;
- j) wardrobes.

3.2 It is recommended that, within the constraints of dimensional co-ordination imposed by the application of parts 3 and 4 of this International Standard and the requirements of anthropometric and ergonomic considerations, the choice of co-ordinating sizes should be limited to modular sizes in the following preferential order :

- 1) $n \times 100$ mm
- 2) $n \times 50$ mm

(where n is any natural number including unity)

3.3 Consideration may also be given to the establishment of limited ranges of modular sizes for these key components.