
International Standard



8193

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Shipbuilding — Shell plating information

Construction navale — Renseignements concernant les tôles de bordé

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Foreword

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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. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8193 was prepared by Technical Committee ISO/TC 8, *Shipbuilding and marine structures*.

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Shipbuilding — Shell plating information

1 Scope and field of application

This International Standard specifies data relating to the description of ship hull shell plating required for the transfer of information between organizations.

NOTE — The codes of optional information in the specifications (3.2) lie outside the scope of this International Standard. However, it is assumed that the codes actually used are understood between the organizations involved.

2 Reference

ISO 7838, *Shipbuilding — Shiplines — Formats and data organization*.

3 Shell plating information

3.1 Shell plating lines file

The shell plating lines file contains numerical representations of seams and butts of the external shell, stored in the shipline data format specified in ISO 7838.

3.2 Shell plating specifications

Three levels of shell plating specifications may be used:

- individual plates
- subassembly plating
- assembly block plating

The use of one, two or three levels is optional.

3.2.1 The plate specification contains

- plate identifier
- subassembly identifier (optional)
- plate thickness, in millimetres
- material definition
- anticorrosion protection code (optional)
- number of plate border lines, P
- for each of P border lines
 - line identifier, in the format required by the shell plating lines file
 - technological margin (optional)
 - welding code defining the type of welding and edge preparation (optional)

3.2.2 The subassembly plating specification contains

- subassembly identifier
- assembly block identifier (optional)
- number of subassembly border lines, M
- for each of M border lines
 - line identifier
 - technological margin (optional)

3.2.3 The assembly block plating specification contains

- assembly block identifier
- number of assembly block border lines, N
- for each of N border lines
 - line identifier
 - technological margin (optional)