INTERNATIONAL STANDARD

ISO 9382

First edition
1990-11-01

Shipborne barges, all series — Classification and main requirements

Barges de toutes séries embarcables à bord des navires — Classification et exigences principales

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Reference number
ISO 9382:1990(E)

Foreword

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International Standard ISO 9382 was prepared by Technical Committee ISO/TC 8, *Shipbuilding and marine structures*.

Annexes A and B of this International Standard are for information only.

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International Organization for Standardization
Case Postale 56 • CH-1211 Genève 20 • Switzerland

Printed in Switzerland

Shipborne barges, all series — Classification and main requirements

1 Scope

This International Standard specifies the dimensions, displacement and maximum deadweight of all series of shipborne barges.

2 Definition

For the purposes of this International Standard, the following definition applies.

shipborne barge: Unpropelled, unmanned barge designed to be loaded, secured and carried on board, and discharged from a barge-carrying vessel equipped for this purpose. It is also designed to be pushed or towed, individually or in trains, on inland waterways and other appropriate water zones.

3 Classification

Shipborne barges of series 1, 2, 3 and 4 (see annex B) shall have the dimensions, displacement and maximum deadweight as specified in table 1.

Additional data for general cargo barges of each series are given in annex A.

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Table 1

Series of barge	Main dimensions				Maximum draft in fresh water	Maximum displacement in fresh water	Maximum air draft in lightship condition	Maximum deadweight
	Length overall	Width overall	Height					
			Depth moulded to deck	Depth over all projections				
	L	B	H	G	T_{max}	D	T_A	d.w.
	mm	mm	mm	mm	mm	t	mm	t
1	18 745	9 500	3 658	4 394	2 730	463	3 745	370
2	29 718	10 706	3 810	5 282	3 336	1 024	4 742	847
3	38 250	11 000	3 900	5 460	3 460	1 300	4 880	1 070
4	18 745	4 750	2 850	3 587	2 777	236	3 117	194

Annex A
(informative)

Additional data

In addition to shipborne barges of series 1, 2, 3 and 4 designed to carry general cargo, the dimensions of which are listed in table 1, shipborne barges of each series can be designed for the carriage of a range of specialized cargoes such as bulk liquids or refrigerated cargo. Specialized shipborne barges of each series will have dimensions as listed in table 1, but differences in structural design to cater for a specific cargo means that data for the cargo spaces and hatch openings will be different from those for the general cargo shipborne barge.

Typical hold capacity and clear hatch opening data for the general cargo shipborne barge of each series are as listed in table A.1.

Table A.1

Series of barge	Hold capacity		Clear hatch opening	
	Bales	Grain	Length	Width
	V_B	V_G	l	b
	m^3	m^3	mm	mm
1	555	569	13 415	7 925
2	1 108	1 108	25 603	9 220
3	1 335	1 335	31 200	9 000
4	204	212	13 716	3 170

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Annex B
(informative)

Bibliography

The following International Standards provide the main dimensions of each series of shipborne barges individually.

[1] ISO 4175:1979, *Shipbuilding — Shipborne barges, series 1 — Main dimensions.*

[2] ISO 6765:1985, *Shipbuilding — Shipborne barges, series 3 — Main dimensions.*

[3] ISO 6766:1984, *Shipbuilding — Shipborne barges, series 4 — Main dimensions.*

[4] ISO 7222:1985, *Shipbuilding — Shipborne barges, series 2 — Main dimensions.*

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UDC 629.122.3.001.33

Descriptors: shipbuilding, inland navigation, ships, barges, classification, specifications, dimensions.

Price based on 3 pages