№17503.

MIDSHIP SECTION.

SCALE 1/25.

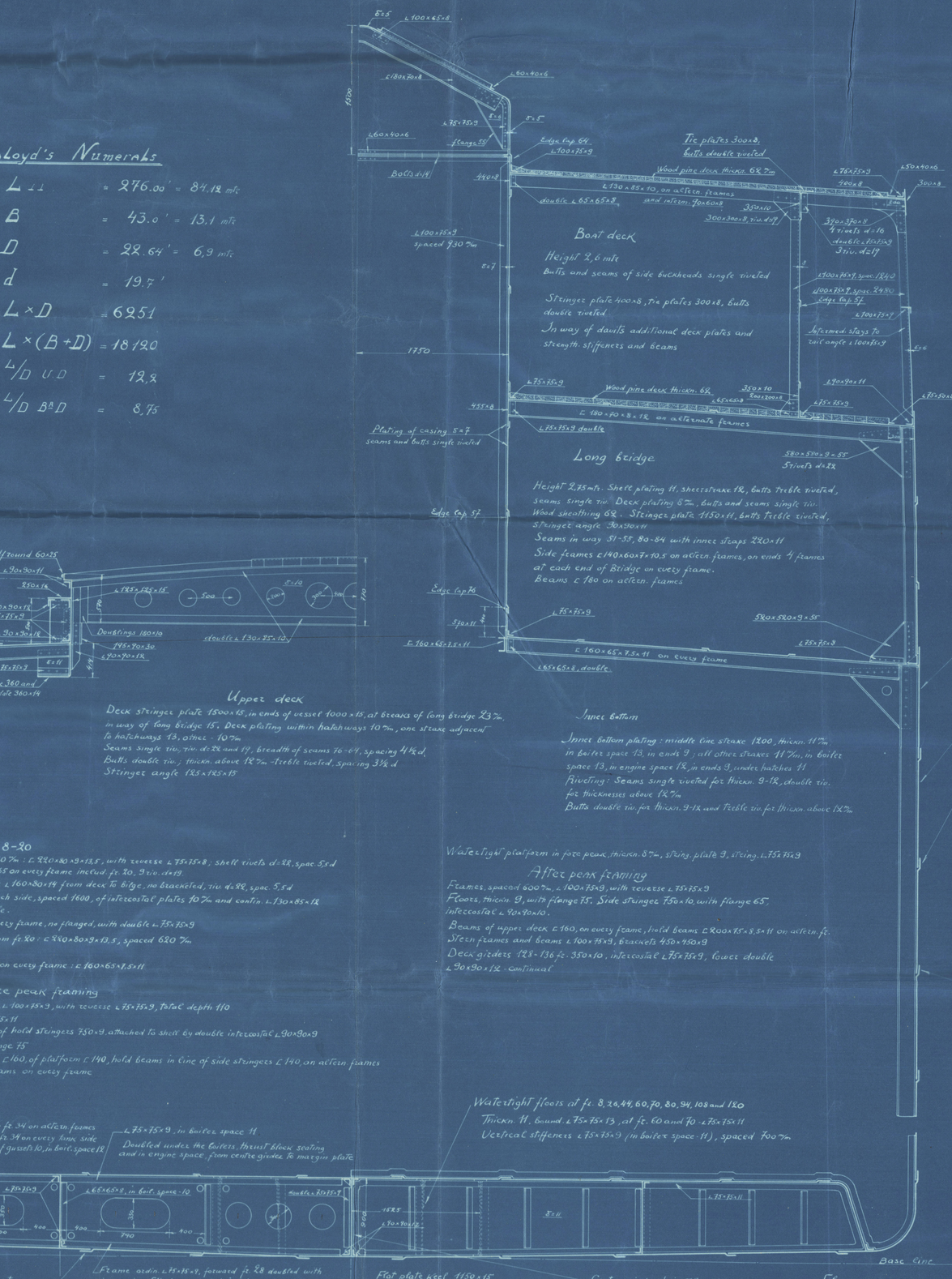
„Tovaristch Stalin", № 166

PRINCIPAL DIMENSIONS.

84,12 B.P. x 13,1 B.M. x 6,9 D.M. /Mtz/
276,00 " x 43,0 " x 22,64 " /Ft/

Lloyd's Numerals

L	= 276.00'	= 84.12 mtr.
B	= 43.0'	= 13.1 mtr.
D	= 22.64'	= 6,9 mtr.
d	= 19.7'	
L × D	= 6251	
L × (B + D)	= 18120	
L/D U.D	= 12,2	
L/D B&D	= 8,75	



Forecastle

Shell plating 9 7/m, deck plating and stringer plate 9 7/m, stringer L 75x75x9. Side frames L 140x60x7x10.5 on alt'ern frames. Lower brackets 520x530x9x55. Intermed. L 100x75x9.
Beams on alt'ern fr. L 180x70x8x12 with intermediate L 130x85x10
Beam knees 300x450x8x55

Poop

Shell, deck plating and stringer 9 7/m, deck stringer L 90x70x12
Side frames L 140x60x7x10.5 on alt'ern frames
Beams on alt'ern fr. L 180x70x8x12
Intermediate frames L 75x75x9
Deck girders 300x9, with two lower L 75x75x9

Erections in way of masts

Side and deck plating 7 7/m, Butts and seams single riveted.
Deck boundary L 75x75x11. Side frames L 140x60x7x10.5 and Beams L 180x70x8x12 on every frame. Middle line deck girder 800-160x9 with contin. L 90x90x10. Three web frames are fitted

Hatchway coamings

Side coamings, thickn. 14, are supported, as shown, by Brackets on upper deck, thickn. 11, flange 75 and spaced 2500 7/m; Brackets under upper deck, thickn. 11, flange 75
End coamings, thickn. 12, flange 125
Brackets on upper deck, thickn. 12, flange 60, angle 75x50x9

Side coamings are continued as deck girders, between web beams and bulkheads.
Web beams are supported by pillars and by reinforced stiffeners, filled to watertight bulkheads

Hatchway Beams

4 beams in each hatch

Web beams

Web beams are fitted at ends of hatchways with one pillar in middle line

Sheerstrake 1300x15, at breaks of long bridge 23 7/m; seams double riveted, breadth 134 butts treble riveted straps

Strake below sheerstrake 1400x14, butts treble riveted straps

Seams double riveted, breadth 134

Shell plating from strake below sheerstrake to bilge strake

	1/2 L	fore	aft
Thickness	12	13	12
Butt straps	Treble	Treble	Treble

Ice strengthening: from stem to fr. 25 thickn. of plating 13 7/m (exclud. sheerstrake)
Boss plate thickn. 11 7/m
Plates at stemframe 12 7/m
Seams double riveted, breadth 115

Bilge strake 1828x12
Butts treble riveted straps
Seams double riveted - 115

Stem

Lower portion - steel casting. Area of section at LWL - 122 cm²

Sternframe (steel casting)

Rudder post 210x145, stern post 220x145

Rudder (A×D=441)

Area of rudder = 10,5 m², diameter of head - 240, single plate thickn. 28 7/m

Конструктор: Гл. Конструктор: Гл. Корабл. инженер:

Midship Section
(as built)

S/S Tovaristch Stalin
Leningrad. 3

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