

No. 215

Cancelled

22.11.94
approved
3.12.94

MIDSHIP SECTION

SCALE $\frac{1}{2}'' = 1 \text{ FOOT}$

22.11.94

Through beams only - from poop
 Spar deck beams to be
 increased $\frac{1}{2}''$ in depth &
 web frames at ends of
 hatches increased $\frac{1}{2}''$
 to Spar deck $\frac{1}{2}''$
 for reduction in
 fastenings.

increased at
 ends of bridge OR $\frac{7}{20}''$
 BULWARK PLATES $\frac{1}{16}''$

N $\frac{1}{4}'' \times \frac{13-10}{20}''$
 double d. at ends
 of bridge

M $\frac{11-9}{20}''$

L $\frac{12-9}{20}''$

K $\frac{11-9}{20}''$

J $\frac{12-9}{20}''$

H $\frac{11-9}{20}''$

G $\frac{12-9}{20}''$

F $\frac{11-9}{20}''$

BRIDGE DECK
 STRINGER PLATE $3\frac{1}{2}'' \times \frac{8}{20}''$
 " ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 BEAM BULB ANGLES $7\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 ON ALTERNATE FRAMES.
 TIE PLATES $1\frac{1}{2}'' \times \frac{8}{20}''$

POOP DECK
 STRINGER PLATE $5\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 " ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 BEAM ANGLES $5\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 ON EVERY FRAME
 IRON DECK $\frac{5}{16}''$

FORECASTLE DECK
 STRINGER PLATE $3\frac{1}{2}'' \times \frac{8}{20}''$
 " ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 BEAM ANGLES $5\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 ON EVERY FRAME
 IRON DECK $\frac{5}{16}''$

3" WOOD DECK

SPAR DECK
 STRINGER PLATE $7\frac{1}{2}'' \times \frac{9}{20}''$ TO $37\frac{1}{2}'' \times \frac{8}{20}''$
 STRINGER ANGLES $4\frac{1}{2}'' \times 4\frac{1}{2}'' \times \frac{9}{20}''$
 BEAM BULB $8\frac{1}{2}'' \times \frac{8}{20}''$ & 2 ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ ON ALTERNATE FRAMES.
 OR BULB TEE OF EQUIVALENT SECTION
 BEAM BULB ANGLES IN WAY OF HATCHES $6\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ ON EVERY FRAME
 BEAM BULB $9\frac{1}{2}'' \times \frac{9}{20}''$ & 2 ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ ON HATCH ENDS
 STEEL DECK $\frac{8-7}{20}''$
 OVERLAP BUTTS TREBLE
 RIVETED FOR $\frac{3}{4}$ LENGTH

MAIN DECK
 STRINGER PLATE $7\frac{1}{2}'' \times \frac{9}{20}''$ TO $37\frac{1}{2}'' \times \frac{8}{20}''$
 STRINGER ANGLES $4\frac{1}{2}'' \times 4\frac{1}{2}'' \times \frac{9}{20}''$
 BEAM BULB $10\frac{1}{2}'' \times \frac{10}{20}''$ & 2 ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ ON ALTERNATE FRAMES.
 OR BULB TEE OF EQUIVALENT SECTION
 BEAM BULB ANGLES IN WAY OF HATCHES $7\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{10}{20}''$ ON EVERY FRAME
 STEEL DECK $\frac{9-7}{20}''$
 OVERLAP BUTTS TREBLE
 RIVETED FOR $\frac{3}{4}$ LENGTH

IRON GRAIN DIVISION
 FRAMES BULB ANGLES $6\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{11}{20}''$ FOR $\frac{3}{4}$ LEN. $\frac{10}{20}''$ AT ENDS. SPACED $2\frac{1}{2}''$ APART
 FRAMES ON BRACKETS ANGLES $7\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ FOR $\frac{3}{4}$ LENGTH $\frac{7}{20}''$ AT ENDS
 FRAMES ON WEBS ANGLES $5\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$ FOR $\frac{3}{4}$ LENGTH $\frac{7}{20}''$ AT ENDS
 DOUBLE REVERSE BARS ON WEBS $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 DOUBLE REVERSE BARS UNDER ENGINES & BOILERS $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 BULKHEADS UPPER PLATING $\frac{6}{20}''$ LOWER $\frac{7}{20}''$ STIFFENERS $6\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{11}{20}''$ BULB ANGLES
 SPACED $4\frac{1}{2}''$ APART VERTICALLY & HORIZONTALLY
 FORGINGS STEM $10\frac{1}{2}'' \times 2\frac{3}{4}''$ SCREW FRAME $10\frac{1}{2}'' \times 6\frac{1}{2}''$ RUDDER $8\frac{1}{2}''$ AT HEAD $4\frac{1}{2}''$ AT HEEL
 BUTTSTRAIPS OF ALL SHELL TREBLE RIVETED FOR $\frac{3}{4}$ LEN. $\frac{4}{20}''$ THICKER THAN PLATES
 FOR $\frac{1}{2}$ LENGTH REMAINDER $\frac{2}{20}''$ THICKER THAN PLATES
 BOSS PLATES $\frac{1}{20}''$ THICKER THAN AMIDSHIPS
 $2\frac{1}{2}''$ - Left hand iron sparring battens
 in hold & lower decks.
 $2\frac{1}{2}''$ ceiling on tanks.
 Stringer 3 side stringers as per Rule

INTERCOSTAL PLATES $25\frac{1}{2}'' \times \frac{11}{20}''$ FLANGED
 " ANGLES $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$
 SEMI-DIAMOND PLATES $32\frac{1}{2}'' \times 19\frac{1}{2}'' \times \frac{9}{16}''$ IRON

LLOYDS NUMERALS	
HALF BEAM MOULDED	$20\frac{1}{2}''$
DEPTH OF HOLD & FLOORS	$21\frac{1}{2}''$
HALF GIRTH	$37\frac{1}{2}''$
FRAME NUMBER	$80\frac{1}{2}''$
LENGTH PER RULE	$329\frac{1}{2}''$
PLATING NUMBER	26486
EQUIPMENT NUMBER	33093
DEPTHS IN LENGTH	14.99
BEAMS IN LENGTH	7.87
CLASS 100A.1 SPAR DECK	
ALL SCANTLINGS OF STEEL EXCEPT	
WHERE OTHERWISE SPECIFIED	

FLOORS FLANGED TOP & BOTTOM $\frac{9-8}{20}''$
 BRACKETS FLANGED TOP & EDGE $\frac{8-7}{20}''$
 TANK INTERCOSTAL FLANGED TOP & BOTTOM $\frac{9-8}{20}''$
 TANK TOP IN EYB SPACE $\frac{8}{20}''$ IRON $\frac{8}{20}''$ STEEL IN HOLDS
 KNEES FLANGED $\frac{8}{20}''$
 BRACKET FLANGED $\frac{2-1}{20}''$
 MARGIN PLATE $7\frac{1}{2}'' \times \frac{8}{20}''$
 ANGLE $3\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{20}''$

$5\frac{1}{16}''$ bulkhead
 $1\frac{1}{8}''$
 $1\frac{1}{8}''$
 Draft angles
 $4\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{7}{16}''$
 Every 4 ft.

$5\frac{1}{16}''$ bulkhead
 $2\frac{1}{2}'' \times 1\frac{1}{2}''$
 Draft angles
 $5\frac{1}{2}'' \times 3\frac{1}{2}'' \times \frac{8}{16}''$
 Every 4 ft.

No. 215

FURNESS, WITBY & CO., LIMITED,
 SHIPBUILDERS & REPAIRERS,
 WEST HARTLEPOOL
 15th November 1894.

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 HPL375-00950n

Furness Withy & Co.

No. 215 ~~218~~

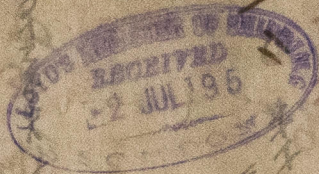
Quadrup Section

W. Hpl. Report No 9535

S. S. "Scarfied",

W. Hpl. Report No 9721

D. 1st buty D. 9728



HPL 375-0094



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