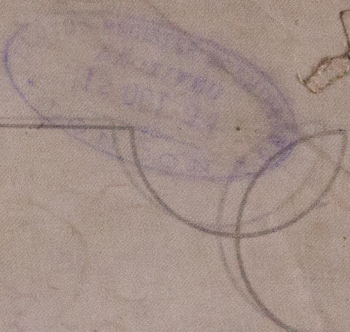
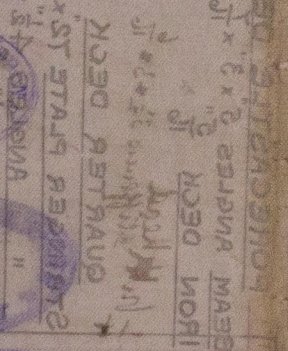
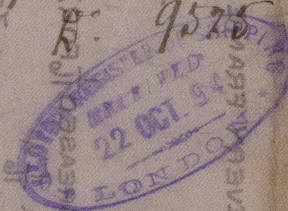
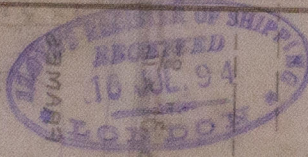
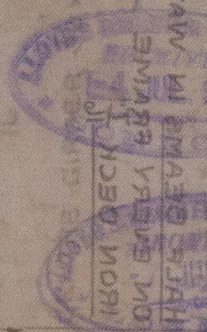


Furness Withy & Co.
 No. 289 (Iron)
 Rudechips Section.
 J. T. Mellie.

5710-845714



Handwritten notes in cursive script, including "No. 289 (Iron)" and "Rudechips Section".



NO. 1

MIDSHIP SECTION

SCALE $\frac{1}{2}$ " = ONE FOOT

POOP & Forecastle Side plating
approx $\frac{1}{16}$ thick. 17-7-94

23.1.94
24.4.94
13.7.94
17.8.94
7.8.94
8.10.94
14.10.94

INCREASED $\frac{1}{16}$ IN WAY
OF BREAK.

See letter 8/16
17/14/94

K 40 x 13-10
16

DOUBLED BELOW STRINGER
FOR $\frac{3}{8}$ LEN. AMIDS.

J 10-8
16

H 11-9
16

G 10-8
16

F 11-9
16

38 x 9/16
STRINGER PLATE 4 x 4 x 9/16 BUTTS TREBLE FOR $\frac{1}{2}$ LEN.
ANGLE 4 x 4 x 9/16 IRON 0 5/16

BEAM ANGLE 5 x 3 x 9/16 ON EVERY FRAME

RAISED QUARTER DECK

MAIN DECK

STRINGER PLATE 72 x 9/16 INCREASED $\frac{1}{16}$ FOR $\frac{1}{2}$ LENGTH RED. TO 31 x 8/16
ANGLES 4 1/2 x 4 1/2 x 9/16

BEAM BULB 9 x 9/16 + 2 ANGLES 3 1/2 x 3 x 9/16 ON ALTERNATE FRAMES
OR BULB TEE OF EQUIVALENT SECTION.
HALF BEAMS IN WAY OF HATCHES 6 1/2 x 3 x 9/16 BULB ANGLE ON EVERY FRAME
IRON DECK 7/16

FRAMES 6 x 3 x 9/16 BULB ANGLES FOR $\frac{3}{8}$ LENGTH 8/16 AT ENDS SPACED 24" APART
ON FLOORS WEBS & BULKHEADS 4 1/2 x 3 x 9/16 ANGLES FOR $\frac{3}{8}$ LEN. 7/16 AT ENDS
ON BRACKETS 6 x 3 x 9/16 ANGLES

REVERSE FRAMES IN TANK 3 x 3 x 9/16 DOUBLE IN E & B SPACE
BULKHEADS 5/16 TOP + 6/16 BOTTOM STIFFENERS 6 x 3 x 9/16 BULB ANGLE

FORGINGS STEM 9 x 2 1/2 SCREW FRAME 9 x 5 1/2

RUDDER 7" DIA. AT HEAD. 3 1/2" AT HEEL

BUTTSTRAPS OF SHEERSTRAKE + 4 STRAKES OF BILGE PLATING

TO BE 1/16 THICKER + TREBLE RIVETED FOR $\frac{1}{2}$ LENGTH

BUTTSTRAPS OF MAIN + QUARTER DECK STRINGER PLATES OVERLAPPED
+ TREBLE RIVETED FOR $\frac{1}{2}$ LENGTH.

BOSS PLATES 1/16 THICKER THAN MIDSHIP PLATING BUTTS TREBLE RIVETED

INTERCOSTAL STRINGERS
15 x 8/16 IN FORE HOLD
16 x 8/16 IN AFTER HOLD
ANGLES 3 x 3 x 9/16 + 6 x 3 x 9/16

WEB FRAMES
15 x 8/16 IN FORE HOLD
16 x 8/16 IN AFTER HOLD
18

SEMI-DIAMOND PLATES
32 x 19 1/2 x 8/16 IN FORE HOLD
32 x 19 1/2 x 9/16 IN AFTER HOLD

LLOYD'S NUMERALS

HALF BEAM MOULDED.....18'-2"
DEPTH OF HOLD + FLOORS.....20'-0 1/2"
HALF GIRTH.....34'-0 1/2"
FRAME NO.....72-3
LENGTH PER RULE.....268-6
PLATING NO.....193 99 x
EQUIPMENT NO.....216 25
BEAMS IN LENGTH.....7.39 x
DEPTHS IN LENGTH.....13-4 x

CLASS 100 A.I. IRON

Depth from top of keel to top of M&B beam
to be under 24 ft.

9/16 under boilers as compensation
for not increasing thickness of floors } per Dicty's letter 13.7.94

TANK SIDE PLATE 7/16

CEILING 2 1/2" THICK 8/16
TANK TOP 7/16 IN HOLDS 1/16 IN E. ROOM

CENTRE PLATE 8-7
16

4 x 4 x 9-8
16

CENTRE GIRDER 36 x 9
16

SOLID FLOORS 6/16 ON

ALTERNATE FRAMES.
3 x 3 x 9/16 ANGLE

5 1/2 x 4 x 9
16

36 x 16-12
16 Butts treble for 4 ft
straps 1/16 thicker.

KNEES 6/16

BRACKETS 6/16

No 209

IRON VESSEL

FURNESS, WITBY & CO., LIMITED.
SHIPBUILDERS & REPAIRERS
WEST HART POOL.
11 Jan. 1894.