

MIDSHIP SECTION.

L.B.P. 340" : D.E.X. 47'0" : D.M. 29'10"

SCALE 1/2" = 1 FOOT

SPECIAL FREEBOARD
STRENGTHENED SIDES.

POOP DECK
IRON DECK PLATING 5/16"
BEAMS ON EVERY FRAME 6" x 3" x 9/20" B.A.
STRINGER PLATE 3/4" x 12" x 1/20"
ANGLE 3/4" x 3/4" x 1/20"
Side plating 7/20" 4" x 4" x 8/20"

BRIDGE DECK
IRON DECK PLATING 5/16"
BEAMS ON EVERY FRAME 7" x 3" x 10/20" B.A. CLEAR OF ENGINE ROOM.
" IN WAY OF E.T.B. CASING 6" x 3" x 8/20" BULB ANGLES -
STRINGER PLATE 50" x 10" BUTTS TREBLE RIVETTED
" ANGLE 3/4" x 3/4" x 1/20"
4 1/2" x 4 1/2" x 1/20"

FORECASTLE DECK
IRON DECK PLATING 1/16" WOOD SHEATHED
BEAMS ON EVERY FRAME 6" x 3" x 9/20" B.A.
STRINGER ANGLE 3/4" x 3/4" x 1/20"
Side plating 7/20" 4" x 4" x 8/20"

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N 10/20"

Double riveted landings

M 9/20"

Butts treble riveted

SHEERSTRAKE BUTTS
QUADRUPLE RIVETTED -
SHEERSTRAKE STRENGTHENED
AT ENDS OF BRIDGE
AS PER APPROVED SKETCH

L 40" x 13-10/20
15-10/20" CLEAR OF
BRIDGE

K 12-10/20"

J 12-10/20"

H 12-10/20"

G 13-10/20"

F 13-10/20"

Nº 297-8

OVERLAP BUTTS QUADRUPLE
RIVETTED FOR 1/2 LENGTH
TREBLE IN WAY OF BRIDGE
AND AT ENDS

KNEE
THREE TIMES
DEPTH OF BEAM

OVERLAP BUTTS TREBLE
RIVETTED ALL FORE & AFT

SEMI DIAMOND
PLATE 42" x 11" x 1/20"

WEB FRAMES 18" x 9/20" SIX SPACES APART
24" IN WAY OF HATCHWAYS
INTERCOSTAL PLATES 25" x 1/20"
7" FLANGE ON EDGE
INTERCOSTAL ANGLES 4" x 3 1/2" x 8-7/20"
SEMI DIAMOND PLATES 42" x 11" x 1/20"

WEB PLATE
TREBLE RIVETTED
TO KNEE

GUSSET PLATES ON EVERY WEB FRAME
AS PER PROFILE

SINGLE

DOUBLE

DOUBLE

D 12-10/20"

C 12-9/20"

B 66" 13-12"

A 35" x 17-13/20"

FLOORS FLANGED TOP & BOTTOM 9/20"
AT BOTTOM 9/20" UNDER ENGINES
FLOORS UNDER BOILERS 8/16" IRON
TANK INTERCOSTALS FLANGED 9/20"
LUFS 3 1/2" x 3 1/2" x 5/20"
ALL PARTS UNDER BOILERS INCREASED AS
PER TABLE S7

FRAMES BULB ANGLES 7" x 3 1/2" x 12/20" FOR 3/5 LENGTH; 1 1/2" AT ENDS SPACED 28" APART.
FRAMES ON WEBS & BULKHEADS, ANGLES 5 1/2" x 3 1/2" x 12/20" FOR 3/5 LENGTH 5/20" AT ENDS.
DOUBLE REVERSE BARS UNDER ENGINES & BOILERS (BEARERS) 4" x 3 1/2" x 10/20"
BULKHEADS, UPPER PLATING 9/20" LOWER 7/20" STIFFENERS 7 1/2" x 3" x 12/20" BULB ANGLES
SPACED 4" 0" APART VERTICALLY & HORIZONTALLY.
REVERSE FRAMES ON WEBS 6" x 4" x 12/20"
FORGINGS, STEM 11" x 2 3/4" SCREEN FRAME 11" x 6 1/2"
RUDDER HEAD 9" HEEL 6 3/4" PINTLES 4-1/2" DIAM.
SHELL OVERLAPS TREBLE RIVETTED ALL FORE & AFT
QUADRUPLE RIVETTED WHERE OVER RULE WIDTH FOR 1/2 LENGTH

MAIN DECK
STRINGER PLATE 60" x 12/20" REDUCED TO 41" x 8/20"
WITH BULB ANGLE FACE BAR 7" x 3 1/2" x 12/20" IN WAY OF
HATCHES AND ENGINE & BOILER SPACE
WITH BRACKET KNEES ON ALTERNATE FRAMES.
BEAMS BULB 12" x 12" & 2 ANGLES 3 1/2" x 3 1/2" x 10/20"
SPACED AS PER PROFILE
STRINGER ANGLE 4" x 4" x 9/20"
TIE PLATE AT CENTRE 3 1/4" x 10-8/20"

SPAR DECK
STRINGER PLATE 53" x 12/20" 10/20" IN WAY OF BRIDGE, REDUCED TO 41" x 8/20"
" ANGLE 4" x 4" x 9/20"
BEAMS 9" x 3" x 12-10/20" BULB ANGLES EVERY FRAME
" 8" x 3" x 10/20" B.A. IN WAY OF HATCHES
" BULB 12" x 12" & SINGLE ANGLE 5" x 4" x 12/20" AT HATCH ENDS.
STEEL DECK 7/20" INCREASED IN WAY OF OPENINGS.
IRON DECK 7/16" IN WELLS.

BRIDGE DECK UNDER 44 FEET

SPAR DECK UNDER 46 FEET

MAIN DECK UNDER 48 FEET

DOUBLE ANGLES
3 1/2" x 3 1/2" x 8/20"
PILLARS 2 3/4" DIAM.
ALTERNATE FRAMES

DOUBLE ANGLES
3 1/2" x 3 1/2" x 10/20"
PILLARS 2 7/8" DIAM.
ON ALTERNATE FRAMES.

PILLARS 5 1/4" DIAM.
INCREASED AT ENDS
ON ALTERNATE FRAMES
THREE 1" RIVETS
HEADS & HEELS
HATCHWAY PILLARS
AS PER RULE

DOUBLE ANGLES
4" x 4" x 9/20"

CENTRE KEEL SON
41" x 10/20"

LUFS 3 1/2" x 3 1/2" x 9/20"
DOUBLE FOR 1/2 LENGTH

DOUBLE ANGLES
4" x 4" x 12/20"

LLOYD'S NUMERALS	
HALF BEAM MOULDED	28'5"
DEPTH OF HOLD & FLOORS	23'10"
HALF GIRTH to spar deck	49'8"
FRAME NUMBER	89'11"
LENGTH PER RULE	338'2"
PLATING NUMBER	30400
EQUIPMENT NUMBER	37354
DEPTHS IN LENGTH	14'19"
BEAMS IN LENGTH	10'96"
CLASS 100 A.I. SPAR DECK	
ALL SCANTLING OF STEEL	
EXCEPT WHERE OTHERWISE	
SPECIFIED	

to main deck 42'-8"

PROPOSE 48" x 17/20 FOR 3/5 LENGTH 13 1/2" AT ENDS.
INCREASED 4/20 FOR 1/2 LENGTH = 2 1/20"
IN LIEU OF KEEL DOUBLING FOR 1/2 LENGTH

CR
7-5-06

April 5th 1906

Friendship Section
Inness, Witley No. 1
Nos. 297 & 298

No. 297 - "Elloe"

Hpl. Report No. 13130

No. 298 - "Boeuna"

Hpl. Report No.



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