

MIDSHIP SECTION STEAM HOPPER BARGE

SHIP N 601 & 612 (14.6.25)

TO CLASS 100 A AT LLOYD'S

DIMENSIONS 115'-0" B.P. x 4'-0" M.D. x 11'-0" M.D.

LLOYD'S SCANTLING NUMERALS

L=115 B=24 D=11

1ST LONGITUDINAL No 1265 2ND LONGITUDINAL No 4340

γ₀ = 10.45 γ₂ = 9.91

MINIMUM SCANTLINGS REQUIRED

EQUIPMENT

2 ANCHORS STOCKLESS 4 1/2 6 1/2 CWTs EACH

1 ANCHOR EX STOCK 2 1/2 "

105 FATHOMS 1/8" STUD CHAIN CABLE

15 " 2 1/2" STEEL WIRE may be 2 1/2" (Cables)

100 " 4 1/2" MANILLA may be 10 fathoms 4"

45 " 2 1/2" STEEL WIRE (for steam trunks)

SCANTLINGS

IN WAY OF HOPPER WELL FR. 24 TO 44

FRAMES AT SIDE 4 x 2 1/2 x 3" SPACED 22" APART.

" ON WELL " " " " "

BEAMS IN WELL SIDES 13 x 10" PLATE WITH 3" FLANGE TO DK. ON EVERY FR.

STRONG BEAMS 3 OFF 5 x 3 x 3/4" O.A.

FLOORS IN WAY OF WELL 128" FLANGED 2 1/2" ON EDGE

DECK STRINGER PLATE 42 x 32"

" " ANGLE 3 x 3 x 3/4" FITTED INSIDE

CENTRE LINE BOX KEELSON AS PER PLAN

SIDE STRINGER ON TOP OF FRAMES 4 x 3 x 3/4"

" " TO WELL SIDE FRAMES " " "

WELL SIDE STRUTS SINGLE 4 x 3 x 3/4" ON ALTERNATE FR.

RIVETING

EDGES:-

ALL SHELL LANDINGS 2 1/4" BROAD SINGLE 5/8" RIVETED

ALL HOPPER WELL LANDINGS 3 1/4" BROAD DOUBLE 5/8" RIVETED

BUTTS:-

F.P.K., A, B, C & D STRAKES 4 1/2" BROAD DOUBLE 5/8" RIVETED

ALL FORE & AFT.

E STRAKE DOUBLE RIVETED INSIDE BUTT STRAPS 8" BROAD 5/8" RIV.

BULWARK CLEAR OF WELL BUTTS 2 1/2" BROAD SINGLE 5/8" RIVETED

HOPPER WELL STRAKES 4 1/2" BROAD DOUBLE 5/8" RIVETED

" BOX KEELSON BUTTS 4 1/2" BROAD DOUBLE 5/8" RIVETED.

IN LANDINGS OF SHELL 4-5/8" RNS. BETWEEN FR. 8-1-5/8" RIV. THRO' FR.

" " OF HOPPER WELL SIDE 4 PAIRS 5/8" RNS. BETWEEN FR.

AND 2 RNS. THRO' FRAMES

FRAMES, REVERSE FRAMES & FLOORS 5/8" RNS. 4 1/2" PITCH.

SCANTLINGS

OUTSIDE HOPPER WELL

FRAMES 4 x 2 1/2 x 3" SPACED 21" APART

BEAM 5 x 3 x 3/4" ON EVERY FRAME KNEES 15 x 32"

" UNDER CRANE SEATING 8 x 3 x 3/4" CHANNELS

HALF BEAMS IN WAY OF CASING 4 x 2 1/2 x 3"

FLOORS 16 x 28" 32" IN E.S. 38" IN B.S.

REVERSE FRAMES 2 1/2 x 2 1/2 x 25" 35" IN B.S. ACROSS TOP OF FLOORS ONLY.

DECK STRINGER PLATE 42 x 32" TO 26"

" " ANGLE 3 x 3 x 3/4" TO 26"

CENTRE KEELSON INTERCOSTAL PLATE 30" WITH SINGLE 6 x 3 x 3/4" B.A. 42" IN B.S.

SID " " " 26" " " 5 1/2 x 3 x 3/4" B.A.

SHELL PLATING

FLAT PLATE KEEL 60" x 40" TO 36" AT ENDS

A STRAKE 56 1/2 x 30" " 26" " "

C " 50 1/2 x 30" " 26" " "

D " 54" x 34" " 26" " "

E " 54" x 34" " 26" " "

BULWARK 26 1/2 x 25"

SHELL PLATING

FLAT PLATE KEEL 60" x 40" TO 36" AT ENDS

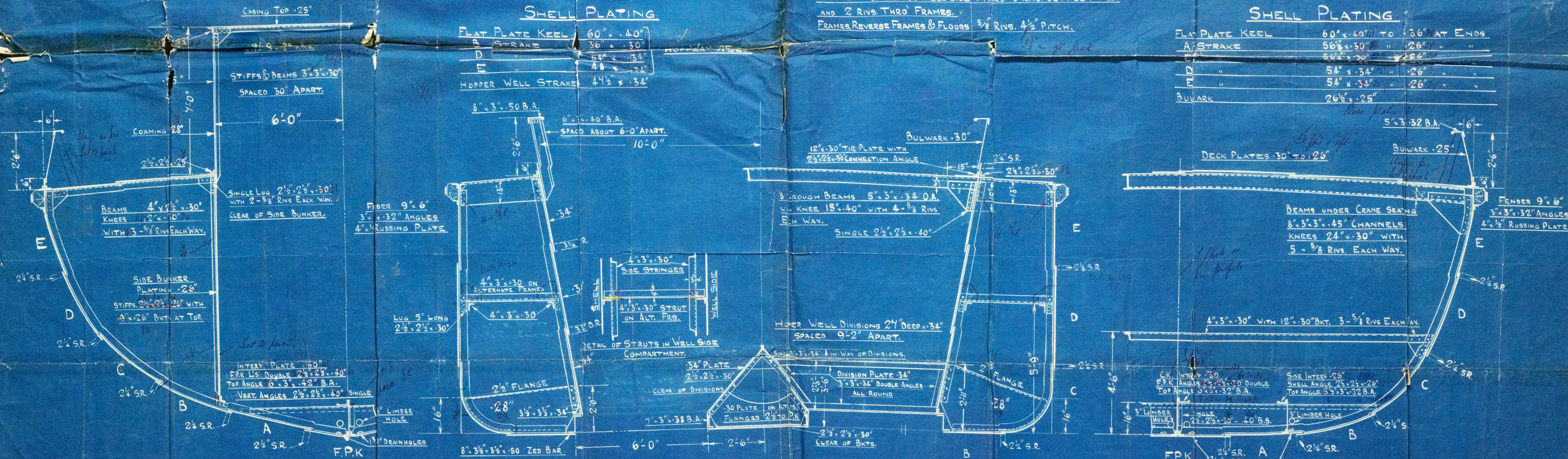
A STRAKE 56 1/2 x 30" " 26" " "

C " 50 1/2 x 30" " 26" " "

D " 54" x 34" " 26" " "

E " 54" x 34" " 26" " "

BULWARK 26 1/2 x 25"



SCALE 1/2" = 1' ON DOT.

APPROVED
LLOYD'S REGISTER OF SHIPPING

SECTION FORWARD OF WELL
AT FRAME 54

APPROVED
LLOYD'S REGISTER OF SHIPPING

Nº 601.

MESSRS A. HALL + Cº. LD.

MIDSHIP SECTION.

S.S. "CLEARWAY"

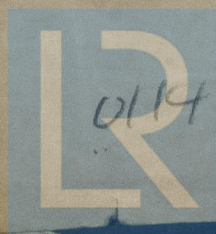
ABN. REPORT. 14676

No. 612

S.S. FRANCIS GILBERTSON.

ABN. REPORT. 15394.

No. 629



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Lloyd's Register
Foundation

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