

# MIDSHIP SECTION.

No 470

TO CLASS 100 A.I. AT LLOYDS.

DIMENSIONS 469'-10" BP x 58'-0" M<sup>2</sup> x 35'-0" D M<sup>2</sup>

SCALE 1/2" = 1 FOOT



Ref No 1630

2 DEC 1913

NUMERICALS

B + D = 58 + 35 = 93  
L (B + D) = 469.83 x 93 = 43694  
C = 20.58  
1/2 = 13.42 TO UPPER DECK  
" = 10.92 TO BRIDGE DECK

## EQUIPMENT

L (B + D) = 469.83 x 93 = 43694  
POOP = 43.5 x 8 x 75 = 261  
BRIDGE = 191.25 x 8 x 75 = 1144  
FORECASTLE = 43.33 x 8 x 75 = 290  
MIDSHIP DECK HOUSE = 110.25 x 8 x 5 = 441  
EQUIPMENT NUMBER = 45833

2 BOWER ANCHORS 77 CWT EACH STOCKLESS  
1 ANCHOR 600 " STOCKLESS  
1 STREAM 22 " EX STOCK  
1 KEDGE 10 " "  
300 FATHOMS 2 1/2" STUD CHAIN CABLE  
120 5" STEEL STREAM WIRE  
130 6 3/4" STEEL TOWLINE 3 1/2"  
4 HAWSERS 100 FATHOMS EACH 3" HAMMERED OR 2 1/2" STEEL WIRE  
(OWNERS CONSENT TO STEEL WIRE)

SHEERSTRAKE 49 x 76  
IN WAY OF BRIDGE  
40 " " POOP  
44 " " FORECASTLE

70 IN WAY OF BRIDGE  
40 " " POOP  
44 " " FORECASTLE

SHEERSTRAKE OUTSIDE  
BRIDGE 40 FOR 1/2 L & R  
TO 48 AT ENDS  
DOUBLED FOR 1/2 L & R  
AT ENDS OF BRIDGE, as per rule

IN WAY OF BRIDGE 68  
NO DOUBLING

OUTSIDE OF BRIDGE  
94 FOR 1/2 L & R  
TO 48 AT ENDS

IN WAY OF BRIDGE 68

NOTE: ALL SCANTLINGS OUTSIDE  
BRIDGE ARE CONTINUED INTO  
BRIDGE FOR 1/2 BEAM

68-48  
J

68-48  
H

68-48  
F

68-48  
E

68-48  
D

68-48  
C

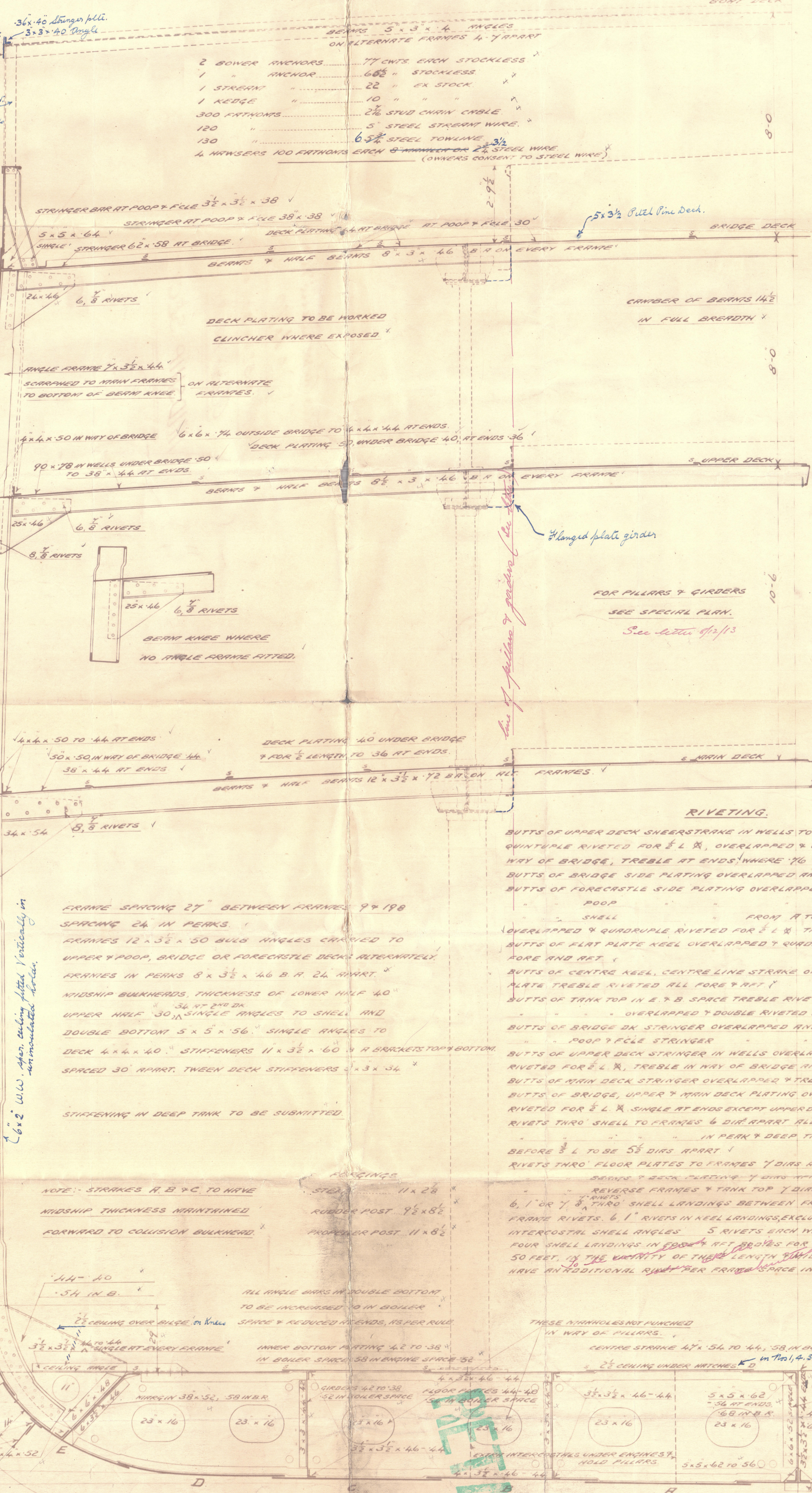
68-48  
B

68-48  
A

68-48  
Y

68-48  
X

68-48  
W



## RIVETING

BUTTS OF UPPER DECK SHEERSTRAKE IN WELLS TO BE OVERLAPPED AND  
QUINTUPLE RIVETED FOR 1/2 L & R, OVERLAPPED & QUADRUPLE RIVETED IN  
WAY OF BRIDGE, TREBLE AT ENDS WHERE 7/8" & UNDER, STRIPPED IN WAY OF DOUBLING.  
BUTTS OF BRIDGE SIDE PLATING OVERLAPPED AND QUADRUPLE RIVETED.  
BUTTS OF FORECASTLE SIDE PLATING OVERLAPPED & TREBLE RIVETED.  
POOP " DOUBBLE  
SHELL " FROM A TO K STRAKES INCLUSIVE  
OVERLAPPED & QUADRUPLE RIVETED FOR 1/2 L & R TREBLE AT ENDS  
BUTTS OF FLAT PLATE KEEL OVERLAPPED & QUADRUPLE RIVETED ALL  
FORE AND AFT.  
BUTTS OF CENTRE KEEL, CENTRE LINE STRAKE OF TANK TOP & MARGIN  
PLATE TREBLE RIVETED ALL FORE & AFT.  
BUTTS OF TANK TOP IN E & B SPACE TREBLE RIVETED.  
OVERLAPPED & DOUBLE RIVETED FOR 1/2 L & R SINGLE AT ENDS  
BUTTS OF BRIDGE DECK STRINGER OVERLAPPED AND TREBLE RIVETED.  
POOP & FORE STRINGER " DOUBBLE  
BUTTS OF UPPER DECK STRINGER IN WELLS OVERLAPPED & QUADRUPLE  
RIVETED FOR 1/2 L & R, TREBLE IN WAY OF BRIDGE AND AT ENDS.  
BUTTS OF MAIN DECK STRINGER OVERLAPPED & TREBLE RIVETED ALL FORE & AFT.  
BUTTS OF BRIDGE, UPPER & MAIN DECK PLATING OVERLAPPED & DOUBLE  
RIVETED FOR 1/2 L & R SINGLE AT ENDS EXCEPT UPPER DECK IN WELLS FOR 1/2 L & R WHICH ARE TREBLE RIVETED  
RIVETS THRO' SHELL TO FRAMES 6 DIA APART ALL FORE AND AFT, EXCEPT  
IN PERK & DEEP TANKS & IN FLAT OF BOTTOM  
BEFORE 1/2 L TO BE 5 1/2 DIA APART  
RIVETS THRO' FLOOR PLATES TO FRAMES 7 DIA APART 5 dia apart in after part  
BEAMS & DECK CEILING 7 DIA APART  
REVERSE FRAMES & TANK TOP 7 DIA APART  
6, 1" OR 7/8" THRO' SHELL LANDINGS BETWEEN FRAMES, EXCLUSIVE OF  
FRAME RIVETS. 6, 1" RIVETS IN KEEL LANDINGS, EXCLUSIVE OF FRAME RIVETS.  
INTERCOSTAL SHELL ANGLES 5 RIVETS EACH WAY  
FOUR SHELL LANDINGS IN 50 FT BAY PROVS FOR A LENGTH OF ABOUT  
50 FEET, IN THE VICINITY OF THE LENGTH IN MIDDLE OF DEPTH, TO  
HAVE AN ADDITIONAL RIVET PER FRAME SPACE IN EACH ROW  
SKETCH TO BE  
SUBMITTED

FRAME SPACING 27" BETWEEN FRAMES 9 & 198  
SPACING 24" IN PEAKS  
FRAMES 12 x 32 x 50 BULB ANGLES CRANED TO  
UPPER & POOP, BRIDGE OR FORECASTLE DECK ALTERNATELY  
FRAMES IN PEAKS 8 x 32 x 46 B.H. 24" RIVET  
MIDSHIP BULKHEADS, THICKNESS OF LOWER HALF 40  
UPPER HALF 30 3/4" SINGLE ANGLES TO SHELL AND  
DOUBLE BOTTOM 5 x 5 x 56" SINGLE ANGLES TO  
DECK 4 x 4 x 40" STIFFENERS 11 x 32 x 60" B.B. BRACKETS TOP & BOTTOM  
SPACED 30" APART, TWEEN DECK STIFFENERS 3 x 3 x 34"  
STIFFENING IN DEEP TANK TO BE SUBMITTED

NOTE: STRAKES A, B & C TO HAVE  
MIDSHIP THICKNESS MAINTAINED  
FORWARD TO COLLISION BULKHEAD

ALL ANGLE IRONS IN DOUBLE BOTTOM  
TO BE INCREASED 10 IN BOILER  
SPACE & REDUCED AT ENDS, AS PER RULE

INNER BOTTOM PLATING 42 TO 38"  
IN BOILER SPACE 58 IN ENGINE SPACE 52"

ALL ANGLE IRONS IN DOUBLE BOTTOM  
TO BE INCREASED 10 IN BOILER  
SPACE & REDUCED AT ENDS, AS PER RULE

SNELL PLATING 72 TO 52 AT ENDS

C7  
9.12.13



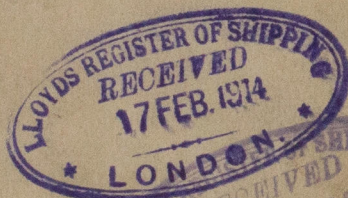
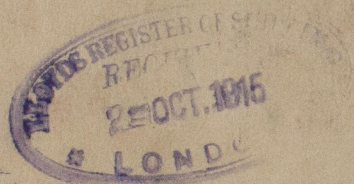
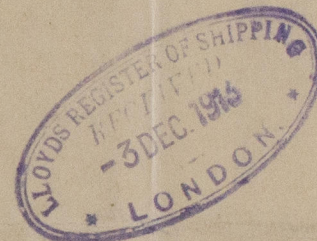
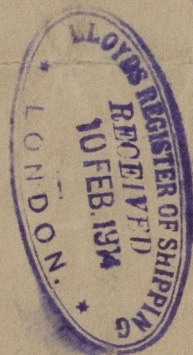
*Arcton Leslie & Co.*

*P.S. No. 470.*

*469'0" x 58'0" x 35'0" Mld.*

*Class 100 A.1.*

*MIDSHIP SECTION*



*S.S. Glenogle*

NEWCASTLE ON TYNE.

Report No. *69059*

W876-0068



© 2020

Lloyd's Register  
Foundation

W876-0068