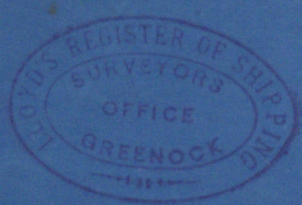


Copy of Midship Section to
accompany First Entry Report
No 13968



Midship Section

Nos 517-8-9 S.S.

Dimensions 390' x 52' 6" ex. 52' 4" mid. x 29' 6" moulded.

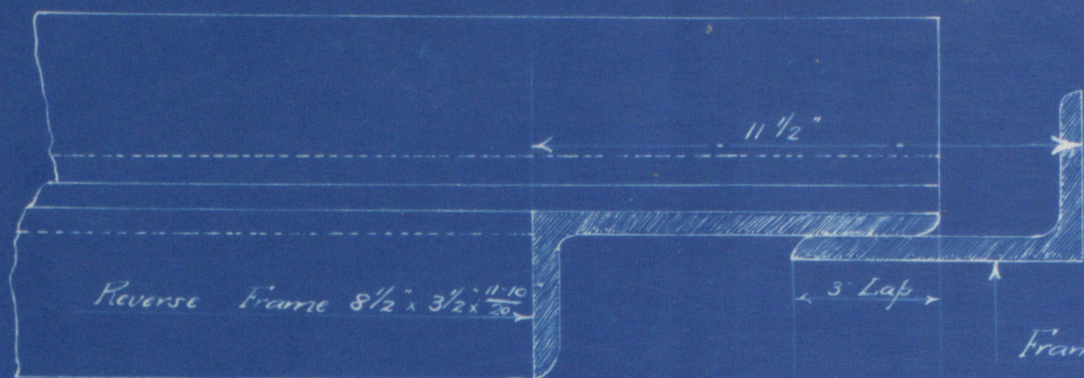
To class at Lloyd's 100 A.1. 3 Deck Rule Shelter dth.

Scale 1/2 inch = 1 foot.

Equipment	Number
Half Buns	26-17
Half Girths	52-50
Depth	30-58
Length	109-25
Add 1/2 in	5208-62
Erections	47687-62
Superstructures	1461
Equipment No	50773-71

Equipment	Number
2 Bower Anchors, 51 ends ex stock	145 1/2 Cals.
1 " " " " " "	43 1/2 ends " "
1 Stream " " " "	15 1/2 " "
1 Kedge " " " "	7 1/2 " "
270 Fathoms 2 1/2" Steel Chain Cable	682-1-11
90 " 1/2" Steel Wire	" "
120 " 1/2" Trawl, or 5" Steel Wire	" "
2, 8" Hawsers, each 90 fathoms or 2 1/2" Steel Wire	" "
2, 7" Warps, each 90 fathoms or 2 1/2" Steel Wire	" "

Plate 12, 36" for 3/4" x, 1/2" at ends. Stern 11" x 3 1/2", Sternpost 11" x 7 1/2".
Poppet Post connected to Deck Plating. Riveter 10" diam at head, Rivets 5".
Frames 6" x 3 1/2" for 1/2" x, 6" x 3 1/2" at ends, 26" apart. Frames in way of Poles 6" x 3 1/2" x, 25" apart.
Reverse Frames 4 1/2" x 3 1/2" for 1/2" x, 8 1/2" x 3 1/2" at ends. All in upper deck for 1/2" x, about after Bulk Head.
Ally to upper and lower decks before and about 1/2" x, Ally to Fife, Ally to Lower and 13th decks before Bulk Head, 4 1/2" x 3 1/2" x in Poles.
Double in E and E Space 3 1/2" x 3 1/2" for Margin Plate & Margin Plate.
Bulkheads, Lower half 1/2", Upper half 1/2". Vertical Stiffeners B.A. 8 1/2" x 3 1/2" 30" apart and bracketed to Tank Top. Angles 4 1/2" x 3 1/2" between upper and lower decks stiffened horizontally by Sme. box beam only.
Tunnel 1/2", Stiffener 4 1/2" x 3 1/2" x, 4" c' apart, 3" c' at hatches, 1/2" Plating at hatches.
After heads of Plating on the Poppet Post to be the same thickness as their strakes x.
Boss Plates and Pates above and below same to be 1/2" thicker than amidships.
Rivets in Shell and Stringer Bulbs 3 1/2" diam Centre to Centre, 4" diam in 4" R. bulbs.
Rivets in Frames and Reverse Frames, and Frames and Shell Plating 7" diam Centre to Centre.
Rivets in Stern and Sternpost 1 1/2", 5 1/2" Centre to Centre.
Rivets in Bulbs and edges of Inner bottom plating 4" diam Centre to Centre.
Frames joggled as in previous cases.
Before 1/2" Length Rivets in bottom frames 5 1/2" diam Centre to Centre.
Plate landings in way of Tank to diam Centre to Centre.



Deep Framing increased on ribs in way
of 32' 6" hatches.

Tonnage Coefficient 77.

Bottom forward strengthened as per
Rule, if full form forward.

Continuous Centre Girders,
46" x 1/2" for 1/2" x, 1/2" at ends.
Bulbs lapped and 3 R.

4 1/2" x 4 1/2" x 20"

36" x 1/2" for 1/2" x
to 1/2" at ends Bulb
lapped and 4 R for
3 1/2" x, 3 R at ends

46" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and
3 R

60" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and 4 R

60" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and 4 R

60" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and 4 R

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to 1/2" at ends
Bulbs lapped and 4 R

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Bulbs lapped and 4 R

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to 1/2" at ends
Bulbs lapped and 4 R

60" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and 4 R

60" x 1/2" for 1/2" x
to 1/2" at ends
Bulbs lapped and 4 R

Note

Outside Strakes of Plating 46" wide and under, Bulbs lapped and 3 R.
Inside Strakes of Plating 54" wide and under, Bulbs lapped and 3 R.



Lloyd's Register
Foundation

Copy of Auditing Sheet
S/s Highland Heather

Greenock 1st Entry
Report No 13968



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