

MIDSHIP SECTION

S. S. N° 106 "HARGARTAN"

Scale: 1/4" = 1 foot

Note: If any scantling, strengthening etc., which we have hereon submitted, be in excess of your minimum requirements kindly amend same.

Steel Deck 34" where not sheathed
30" where sheathed
with beam every 2nd frame
lapped bulks 1R

Bridge Deck 47' 11" x 7' 0"

Stringer 4" x 30" with steel d^h
carried over Q^d D^h 2 frame spaces
Angle 3" x 3" x 30"

25.5.16
21.7.16
12.9.16
12.12.16 (100)

Stringer 20" x 44" with steel deck
to 22" x 36" at ends. Carried into
Bridge for 4 frame spaces.
Carried out to hatch coaming
in way of halfways.
Angle 4" x 4" x 40" L
3" x 3" x 30"

Quarter Deck

30" to 28" steel d^h instead
of wood. Lapped Bulbs 2R to 1R

Beam on every frame (under 34 ft) 6" x 3" x 36" BA
6" x 3" x 34" L in way of halfways.

Beam (under 34 ft) 8" x 3" x 42" BA
Half 7" x 3" x 40" BA in way of 12" casing

Forecastle 27 1/2' x 7'

Side Plating 30"
Stringer Plate 22" x 30" with steel d^h
Stringer Angle 3" x 3" x 30"
Beams 8" x 3" x 42" BA spaced 2 ft. spaces
Decks 25" steel and 2 1/2" h. pine
Floors 28" dia

BA Frames 6 1/2" x 3" x 42"
carried up every 2nd frame
and 3" x 3" x 30" tilted between
No webs.
67 dia d^h B

Stringer 42" x 30" for 1/2 len with steel
d^h to 22" x 36" at ends carried into
Q^d D^h Y frame spaces.
Carried out to hatch coamings in
way of halfways. Stringer increased
to 64" at fore end of bridge on
double fitted
Angle 3" x 3" x 36" in erections.

Single landing; double for
about 20 ft and end of
bridge.

Single landing; double for
about 20 ft at end of bridge

Stringer Angle 4" x 4" x 50" to
3" x 3" x 36" L in wells.

60" x 46" to 38"
increased to 76" at fore end
of bridge.

LLOYDS NUMERALS

B	35.62	
D	14.62	
1 st Numeral	33.24	
	229	
2 nd Numeral	12191.96	
Erections	850.26	
Equipment N°	13087.92	
		Q ^d D ^h
d	14.49	18.66
10	12.996	10.66

EQUIPMENT

Inchings:	1 st Bower	28 cuts	Stockless
	2 nd do	28 do	do.
	3 rd do	24 do	do.
Collective Weight	80 do	do	do.
Stream	Y do	do	ex stock
Kedge	4 do	do	do.
Cables	240 fathoms	1 1/2" steel chain	
	75 do	3 3/4" steel wire	
Reefline	90 do	3 3/4" do.	
Flowers	90 do	2 1/2" do.	
	90 do	2 do.	

Dimensions to be
obtained

Ceiling 2 1/2" floor brackets in way of halfways
1 1/2" bottom plating increased .08 in way of halfways

Inner bottom plating 32" to 30"; 36" in Engine Room; 48" in Boiler Room.

All angles in Inner bottom in Boiler Space except those to
outside plating to be increased .10" in thickness.

Middle Line Strake
34" x 40" to 34"
48" in B Room Bulbs 2R

Margin Plate 24" x 25" x 36" in way of RBD
to 24" x 36" at end
46" in Boiler Room

60" x 46"
+ .04 where stringer
dispensed with
"50"

63" x 46"
+ .04 where stringer
dispensed with
"50"

60" x 46"
+ .04 where stringer
dispensed with
"50"

Side Stringer dispensed with

63" x 46" to 38"
instead of 41" x 48"
+ .04 where stringer dispensed
with "50"

60" x 46" to 38"
+ .04 where stringer dispensed
with "50"

Frames: In way of Main D^h 6" x 3" x 42" BA spaced 23" c to c;
Q^d D^h 8" x 3" x 48" BA
Peaks 6" x 3" x 36" L all carried to Q^d D^h in Aft Peak & to Fore D^h

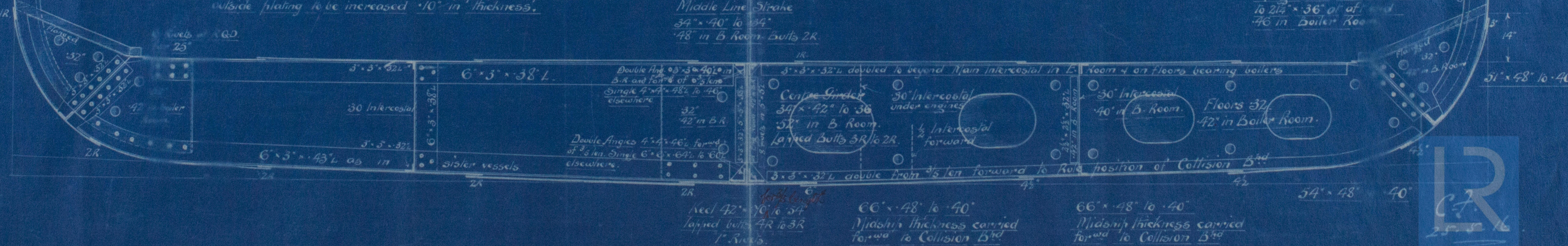
Forgings: Stem 7 1/2" x 2 1/2". Propeller Post 7 1/2" x 5". Rudder Post 6 1/2" x 5". Sole 8" x 3 1/2" or equal
Rudder as per rules 3 1/4" head (AD - 149 under Rudder) see schedule plan.

Riveting: Shell plating where over 5/16" to have 4R bolts for 3 len &
Rivets through shell and frames in aft peak spaced 5 1/2" diam apart (fore peak of ballast tank

Shell Aft head plates & thickness. Boss plates 50".
Bulkheads: See Schedule plan

Bridge Bulkhead: 32" Coaming 36" Stiff 7" x 3" x 48" BA spaced 34" vertical
and braced top and bottom.

Floor on every frame in Engine Room; on Boiler Beams & from 3 len for
to Collision Bulkhead the remainder every 2nd frame
Solid Floor on frames next W.T. Bulkheads to take brackets at bottom of Stiff
Partial solid floor under thrust.



Double Ang 3 1/2" x 3 1/2" x 40" L
B.A. and 10R of 5/16" L
Single 4" x 4" x 40" L
elsewhere

32"
42" in B.R.

Double Ang 4" x 4" x 40" L
B.A. and 10R of 5/16" L
Single 4" x 4" x 40" L
elsewhere

Need 42" x 76" to 34"
lapped bulbs 4R to 3R
1" angles

66" x 48" to 40"
Midship thickness carried
forward to Collision Bulk

66" x 48" to 40"
Midship thickness carried
forward to Collision Bulk

54" x 48" 40"



S. S. "Ardgartan" No 106.

midship
Section.

Deck Pt E Btu No 17328



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