

3.3.14
23.3.14
1.4.14
24.6.14
5.5.14
15.5.14

MIDSHIP SECTION

PRINCIPAL DIMENSIONS.

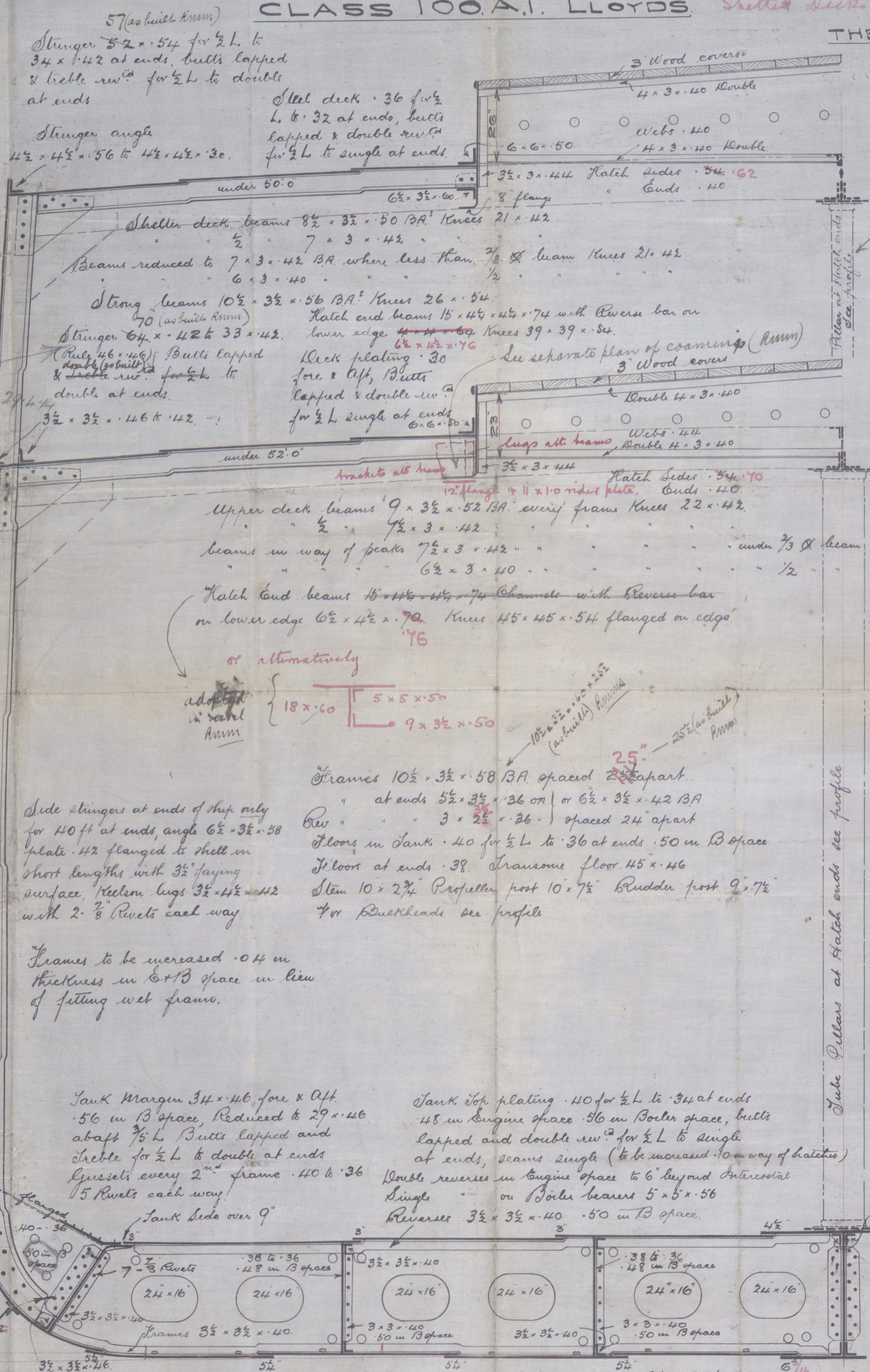
LENGTH B.P. 375'-0" BREADTH M.P. 51'-8 1/2" DEPTH M.P. 26'-2"

SCALE 1/2" = 1 FOOT

CLASS 100 A.I. LLOYDS.

"Shelter Deck"

THE SUNDERLAND SHIPBUILDING CO. LTD



Sheerstrake (Rule 46-66)
66 x 62 increased .04 in lieu of side stringer = 66 x 66 to 44 butts lapped & quad. riv. to treble at ends.

Alternate B.A. run up to shelter dk. with intermediate stiffeners 4 1/2 x 3 1/2 x 40 angles

66 x 60 to 44 increased .02 in lieu of side stringer = 62 to 44 butts lapped & quad. riv. to treble at ends.

66 x 60 to 44 increased .02 in lieu of side stringer = 62 to 44 Butts lapped & treble riv. fore & aft.

66 x 60 to 44 increased .02 in lieu of side stringer = 62 to 44 Butts lapped & treble riv. fore & aft.

66 x 60 to 44 increased .02 in lieu of side stringer = 66 to 62 to 44 Butts lapped & treble riv. fore & aft.

66 x 60 to 44 Butts lapped & treble riv. fore & aft. increased .02 in lieu of side stringer = 66 x 62 to 44

66 x 60 to 46 Butts lapped & treble riv. fore & aft. 6 x 6 x 4 1/2 11 x 20 Butts 50 in B space 12-7 Rivets

Boat plate 70 with quad. riv. overlap.

Note:- The rivets in the plating & frames in way of flat of bottom before the 1/2 L to be spaced not more than 5 1/2" apart. Rivets in the plating & frames in way of peak tanks to be spaced not more than 5 1/2" apart.

or alternatively
adapted to shell
18 x 60 5 x 5 x 50 9 x 3 1/2 x 50

Frames to be increased .04 in thickness in C+B space in lieu of fitting web frames.

Bottom forward strengthened as per Rule.

Build channel pillars of this arrangement adopted in present build (Rmm).
If frames are spaced 25 1/2" frames to be increased to 10 1/2 x 3 1/2 x 60 B.A. and three strokes of bottom plating to be increased .02.

alternative hatch side coamings
See separate plan
Proportions 15" flange
Heights to Length 10.99

Numeral.
(B+D) 51.70 x 26.16 = 77.86
(B+D) x L 77.86 x 374.75 = 29178

Calculations

Shelter deck	375 x 7.95 x .75	= 2235
Knees	76.25 x 7.5 x .50	= 285
		29178
		31698

Equipment. No 31698 Letter x.

1 Bower	56 1/2 coils	Stockless
1 "	56 1/2 "	
1 "	47 1/2 "	
1 Stream	15 "	Ex stock
1 Hedge	6 1/2 "	
270 Pathons	2 1/4 "	Slid chain cable
90 "	1 3/4 "	Stream chain or 4 1/2 Steel wire
120 "	13 "	Newsp or 4 1/2 Steel wire
90 "	(2 of 7) "	warps or 2 1/2 Steel wire
90 "	(2 of 7) "	2 1/2 "

Tank Top centre (Rule 42-80-40)
60 x 48 to 38 (56 in B space)
Butts lapped and treble riveted for 1/2 L to double at ends.

3 1/2 x 3 1/2 x 50 to 48 or 4 1/2 x 4 1/2 x 60 to 56 single

Centre Keelson 42 x 50 to 40 60 in B space butts lapped & treble riveted. 5 x 5 x 56 double riv. for 1/2 L 11-7 Rivets. No increase in B space 3 1/2 x 3 1/2 x 40 at ends 8-7 Rivets.

4 1/2 x 4 1/2 x 60 to 56 at ends.

Note:- Three strokes of plating web to keel to maintain .60 thickness to collision Bulk.
Note:- Tank frames doubled from margin plate to margin plate between 1/2 L forward & collision Bulk.

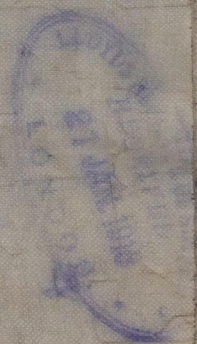
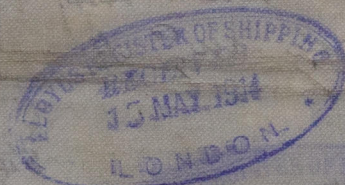
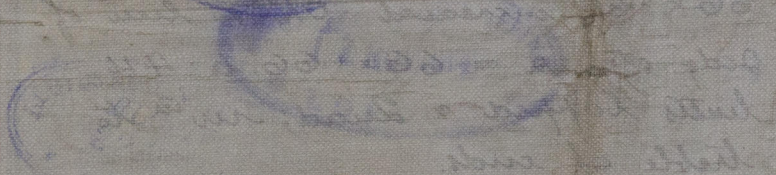
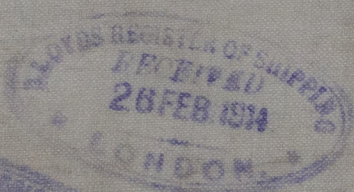
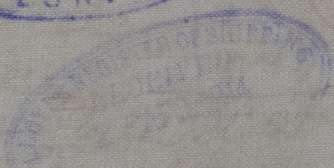
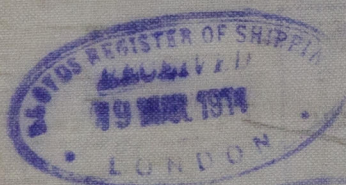
No 285

Midship Section
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Lloyd's Register
Foundation

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