

Copy of approved plan.
Amendments in black as ship was built.

P.P. No. 137

Midship Section

To Class
To ~~frase~~ +100A1 Lloyds Survey

Dimensions :- Length B.P. 310'0" x 42'0" OVER SHELL x 22'0 1/2" DM.
LWL 308'5" x 41'67" OVER FRAMES

Scale 1/2" = 1 ft.

Numerals
1st no = 308'5" x 22'04" = 6800
2nd no = 308'5" x (41'66" + 22'04") = 19650.4
1/2" to upper Lk 14'0" 1/2" to Bridge 10'62"
1/2" = 18'52" forward 18'11" aft.
Percentage covered 34%
Equipment numeral 2ND NO 19650.4

Pooh 22'46" x 7'1/2" 119
Bridge 57' x 4' " 352
Sill 27'5" x 4' " 144
Livingstons 202
Letter to N° 20467

2 Bow Anchors Steelless 38 1/2" out end
1 " " " 32 1/2" "
1 Stream. Ex. Stk 10 "
240 fms 1 1/2" stud chain cable
1/5" 4 1/2" stream wire
90 fms 4" S.W. kowline
2 @ 90 fms 2 1/2" " hawsers
2 @ 90 " 2 1/4" " Marks.

ALTERNATIVE ANCHORS & CABLES
2 Bow Anchors Steelless 42 out end
1 " " " 38 1/2" "
240 fms of 1 1/2" stud chain cable

Balunaks pl. 25
Shays 6' x 3' x 34'0A
Lugs 3' x 3' x 30

minimum width at well of shestrake 54
Shestrake 54' x 1 1/2" x 40 as for side shell
48' x 5 1/2" in Bridge
increased to 1'14" at Bridge ends
DR 5 1/2" 7/8" 1" Rins at Bridge end, thick plaks only.
1" Rins in butts of 1 1/2" Plaks only.
Strake below 48 1/4" x 62" - 1/2" as for side shell
48 1/4" x 54 1/2" in way Bridge

DR 5 1/2" 7/8" R
Stern bar 8' x 2 1/4" (or equiv)
Stern Post 9' x 5 1/4" Rudder post 8' x 5 1/4"

"F" (out) 1/6 3/8

Rivets 7/8 dia through shell + frames
DR spaced equal to 6 dia
7/8 dia rivs in seams of shell 3 1/2" apart.

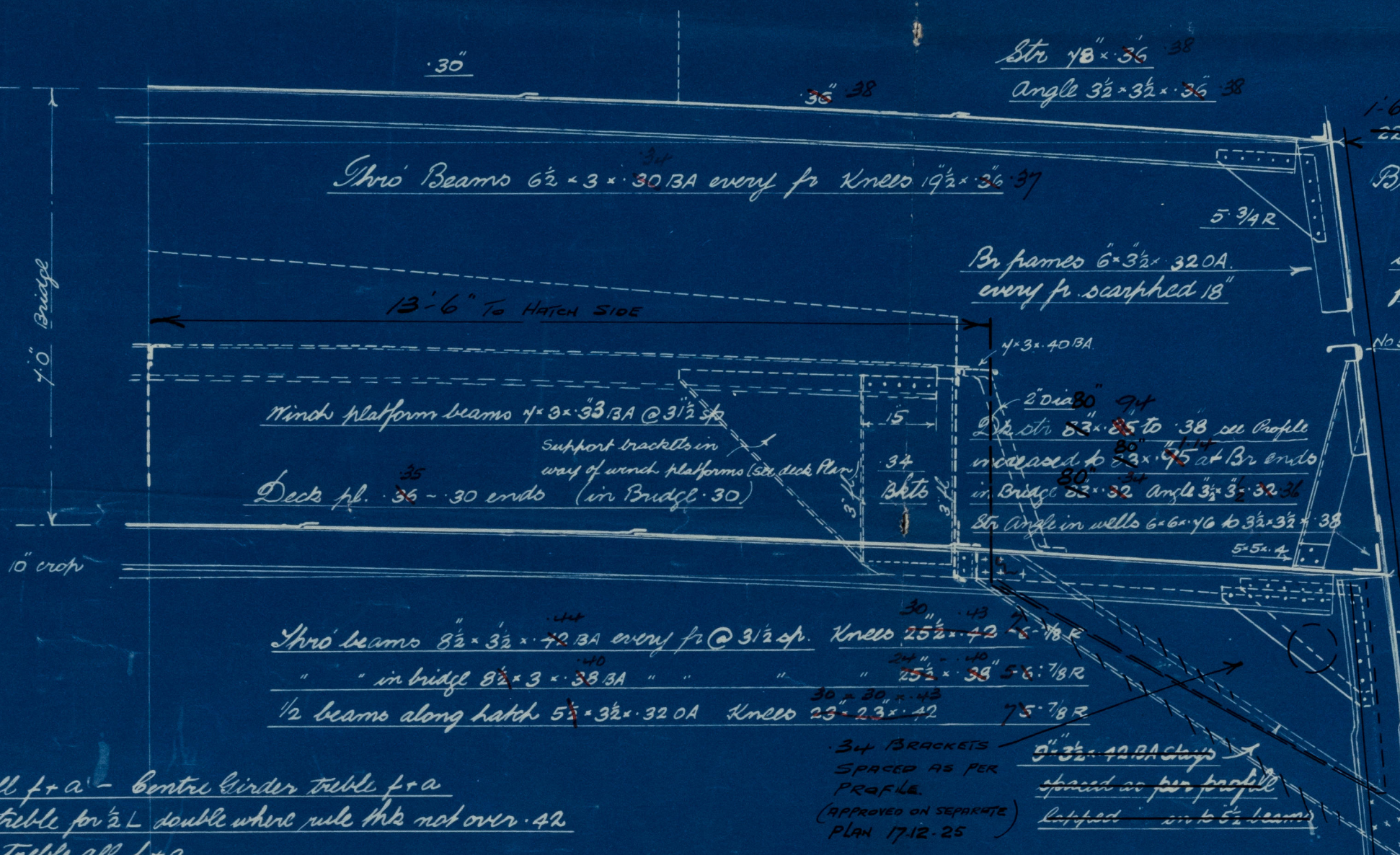
Side shell 56' x 7 1/2" (102 @ 3 1/2" + 105 @ 27 1/2")
boss plaks 55 - 10 @ 21" - 13 @ 18"

E (in) 1/6 3/8
10 - 3 1/4" R @ 3 1/2" spacing
To be not less than 27"
1/2" margin 3 1/2" x 42" F + a.
D (out)
Bridge keel 6' x 4" Bull + 3 1/2" x 3' x 4' 0A
1/6" Edge of floor.

APPROVED.
LLOYDS REGISTER OF SHIPPING
(Signed) J. Montgomery for L. Potts
9-12-25

1/8 Rivets through tank frames to shell
spaced 6 1/2" apart - 4 1/8" fwd 3/5 L.

Rule thickness of shell 1/4" @ 21" sp.
4 1/4" (1 + 29 @ 3 1/2" & 23 @ 27" spacing) on A.B. & C
strakes maintained forward to Rule position of Collision Bulld.



Riveting notes

- Butts of keel trille all f + a - Centre girder trille f + a
- " " Shell side trille for 1/2 L double where rule this not over 42
- " " Bottom trille all f + a
- " " Strake below sheer Quad where over 60 to trille
- " " Sheer strake Quad where over 60 to trille
- " " Stringer plak in wells Quad to trille (Bridge for 1/2 L when over 84)
- Ex tank top plak double all f + a - 1/2 margin double f + a 1/2 L Double to angle
- U. Dk Strg Quad at bridge to trille. Deck Pl. double to angle

Centre Girder 46' x 38' - 56 BS 54' x 44 ES
Centre L. Top plaks 105 - 36 (BS 53) 135 ends (Increase for spacing so as to be not less than increase thickness of T. Top.
Sanks Top 36' x 34' (+ 04 at 3 1/2" sp + 02 @ 2 1/4" sp) 53 @ 21" sp.
ES 45 - BS 55
L. plating increased to 56" under hatches for discharging by grab
L. margin plate 31' x 40' (+ 04 @ 3 1/2" sp + 02 @ 2 1/4" sp) 50 @ 21" sp - 50 BS.
Floor Plaks 34' - 44 BS 1/2 ends 42' & stiffened by 3 1/2" x 34' 30" sp (May be 30 in for peak, 30 @ 21" spacing
Sanks Girder Plaks 34' (44 in BS) fitted
in engine + Br space & fwd 3/5 L
Sanks frames 3 1/2" x 34' & 5' x 5' x 34' fwd 3/5 L
" reverses 3' x 34' 44 BS 5' x 44 Single at Br Br
" 3 1/2" x 34' double under engine seat + thrust (Sect. 10 para 5)
Floor stiff 2 1/2" x 22' x 31' 44 BS no stiff forward of fr no. 104
Centre Girder vertical lugs 5' x 3' x 34' 44 BS - 5' x 5' x 34' DR in thrust + 6 R
5' x 5' x 44 DR at Buld Beams
3/4" Rivets through reverse fr + Sanks Top
of acid equal to 7" dia apart

Bottom angles in double
bottom in way of buld space
assumed to be covered
by cement.

Centre Girder Lk angles
3' x 3' x 42' - 40' - 52 BS

Gloro Lk 2 1/2" on b 5' x 3'
Angle

Centre Girder bottom angles
3 1/2" x 3 1/2" x 48' - 46

May be 5' x 5' x 48 single
abast 3/5 L with 2 complete
rows of rivets in each row
(except in way of E.R. + under
thrust seat)

Plan No 1284
Punk No 4043



Additional interstrakes
to be fitted under
machinery

Bottom Shell 49' - 41' (+ 03 @ 3 1/2" sp
+ 03 @ 27")
- 10 @ 21" - 13 @ 18"

40

Portland S. Block

S.S. No 137

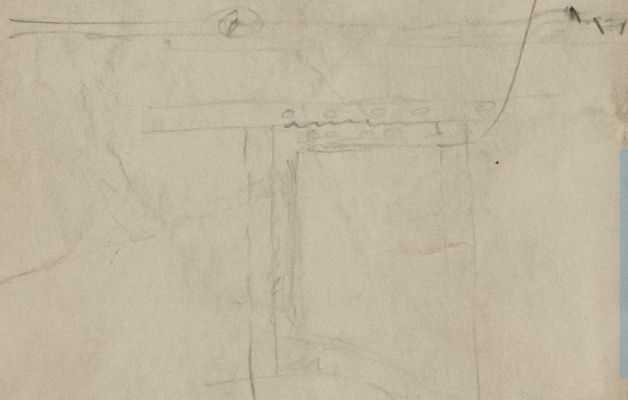
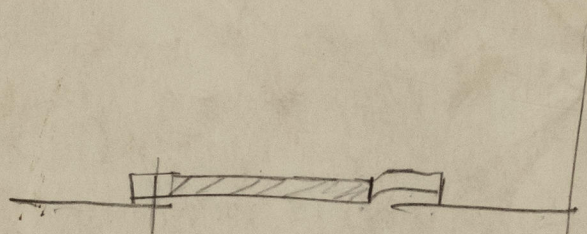
Midship Section as

Built.

8th Gualthorn

AVIOR

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Lloyd's Register
Foundation

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