

End coamings to be stiffed with
horiz. 5 180 x 75 x 10
or 2 kneep. 8.5

Hatchways: No 1. $l = 1,340$ beams No 40 I 400 x 155 x 14.4/21.6
2. $l = 1,340$ -
3. $l = 1,285$ -
4. $l = 1,340$ -
5. $l = 1,340$ -
No 38 I 380 x 149 x 13.7/20.5

Casing:
pl. 6.5 mm with 7.5 mm
stiff. 75 x 65 x 7 +
or flanged 90 mm
spaced 760

Numerals:

$$L \times D = 91.44 \times (5.82 + 2.30) = 742.49$$

$$L(B+D) = 91.44 (13.41 + 8.12) = 1968.70$$

$$L/D = 91.44/8.26 = 11.07$$

Equipment number.

$$L(B+D) = 91.44 (13.41 + 8.26) = 1981.50$$

$$\text{Casing, Houses } 25.7 \times 2.25 \times 0.5 = 28.91$$

$$\text{Forecastle } 7 \times 1 \times 0.75 = 5.25$$

$$2015.66$$

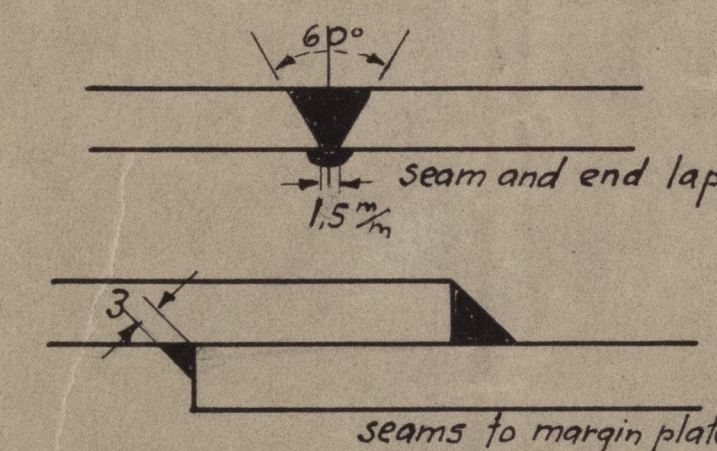
Equipment (letter "I")

3 stockless bower anchors 6070 kilogs. coll.
1 stream anchor 560 " excl. stock
440 metres chain cable 47.5 mm dia. stud link
135 " flex. steel wire 95 circ. 3/4"
185 " " " 89 " 3/4"
165 x 2 " " " 57 " 3/4"
165 x 2 " " " 51 " 3/4"

End laps. Riveting

Keel plate butt straps treble throughout
End laps of center girder " "
" " bottom plates " "
" " Side " treble to double
" Sheer strake Quadruple to double

End laps and seams in inner bottom plating and margin plates to be electrically welded. *the consent of the Bureau to be obtained per Sec 1 para 1 of the Rules for Electric Arc Welding*



Detail of welding.

Class: Lloyds 100.A.1 +
strengthened for navigation in ice

Dimensions.

Length between PP. 91.44 metres
Breadth moulded 13.41 "
Depth " to 2nd deck 5.82 "
Height of superstruct. 2.44 "

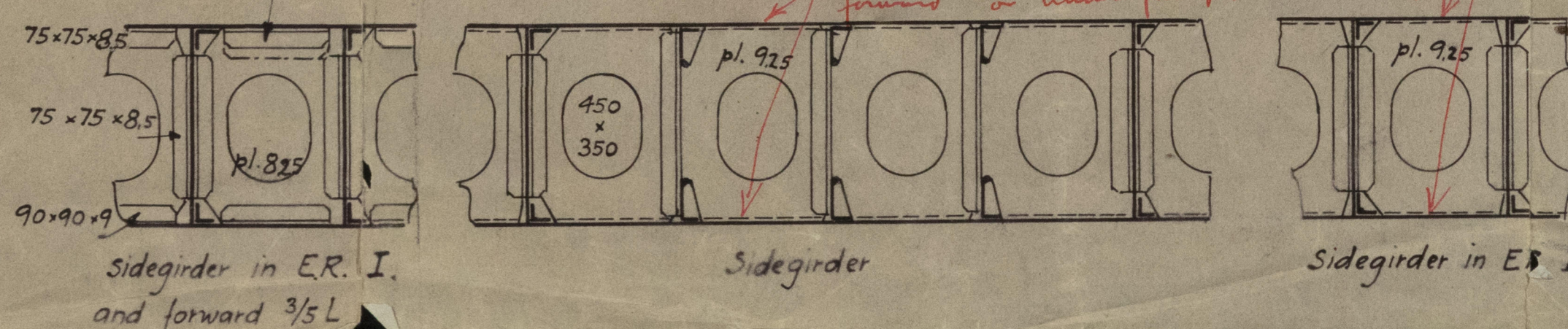
DATE		TECH	KFR
30.36		44.4	5
FOR AND RET			
SKALA: 1/25			
ERST. FOR			
S. 10820			
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Center girder: 905 x 11.5 - 9.5
Inner bottom: middle line strake 2440 x 10 - 9 } in E.R. 10.75
in holds 9.25 - 8.5
Solid floors in E.R. and forward of 2/3 L 8.75
elsewhere on every 4 frame
WT. floors: 10.75. stiff. by 90 x 75 x 10 spaced 760
Marginplate: 660 x 10.5. angles 90 x 90 x 11 or flange to shell

Section through engine room.

Gussets 9.
Every 3rd fr. # 13-102 5R.
" 3rd " # 103-111 5R.
" 2nd " # 112-115 5R.
" 2nd " # 116-127 8R.

8R # 13-102.
10R # 103-115.
13R # 116-127
9R # 116-127
250 x 10 welded to shell



No flanging under engines in Sec 10 para 10 of the Rules
No flanging in way of strengthening forward on under plating

