Traced from blue print sent from Belfast 11/33.

S.S. "KATHLEEN"

Midships Section.

to class 100A.1.+ at Lloyds.

Dims. 200'-0" x 30'-3" x 14'-3"

Scale ½ in. = 1 ft.

C.N°

30/10/33

200 × 30·25 × 14·25 × ·75 / 100	=	646
108 × 30·25 × 3·92 × ·75 / 100	=	96
39 × 30·25 × 7·0 × ·50 / 100	=	41
39 × 18 × 8·0 × ·375 / 100	=	21
		804

210 fms. 1 5/16 S.C.

Yellow Pine decks 2½"
Y/e plates 10 × 5/20
2½ × 2½ × 5/20 Stringer 24 × 5/20
Beams 5½ × 3 × 7/10 on alt. frs.
tels " 5 × 3 × 6/20 " ea. "
Knees 14" deep
Bridge side plating 8-7/20
1¼ solid pillars
6 × 2½ × 6/20
2½ × 1¼ bulbed ½ rd.
6/20
6 × 6/20 B.P.
3½ × 3½ × 7/20 Stringer 9-7/20
6/20 Steel decks increased at Hatchways See Decks plan.
Round of Beam 7½"
Hts. of rev. frs. in hold
" " alt rev. frs. aft of Hold
Quarter dk. side plating 7-6/20
10/20 at break.
In way of Sr. dk. Doubling fitted at Sr. dk.
D.R.
Knees 14" arched Bkts. 6/20.
2½ × 1½ bulb
4½ × 3 × 7/20
Pillars 3⅛ solid
4'-0"
Quarter deck beams 5½ × 3 × 7/20 on ea. fr.
Hatch end beams 9 × 3½ × 14/20 J
Bkhd stiffs. 10" × 3" 1247. at round 101.
6 × 6/20 B. plate
Bulwark plating 5/20
Hatch Coamings 10/20
Brackets
6/20 Steel deck increased at openings
4 × 4 × 9/20.
33 × 7/20 to 7/20
3½ × 3½ × 7/20
Height of Rev. frames in Hold
" " alt. " " Ford of Hold
Sheerstrake 35 × 10/20 for ⅛L to 8/20. Doubling full width as per profile.
Beeting 10 × 8 angled 5 × 3 × 8/20 face plate 5 × 1"
Beams under 30 ft.
4½ × 3½ × 7/20
4 × 4 × 8/20
2½ × 1½ bulbs ½ round
Knees 14" deep
6/20
main deck beams 5½ × 3 × 7/20 ea. fr.
Hatch end beams 9 × 3½ × 14/20 J
Frames 3½ × 3 × 6/20 for 3/5L. to 5/20 3½ × 3 × 7/20 at Hatchways spaced 22" apart all fore and aft.
3½ × 3 × ·5 double ½ round
Double fds. of ½L.
8/20 for ⅛L to 10/20
Rev. frames 3 × 2½ × 5/20 extending to R.Q.D. and top of angle on Side Stringer next below dbl. alt. and to Sunvale + top of lower stringer, alt. in way of main deck.
Double across floors in E. & B. spaces.
Rev. frs. all increased to 3 × 2½ × 6/20 throughout Hold + all carried up to Main deck in Quarter decks respectively as part comps. for hatchways
3 × 2½ × 5/20
Pillars 2¾ solid
Floors 16 × 7/20 for 3/5L to 5/20 increased by 1/20 in E. space = 3/20 in B. spaces.
Bulkheads lower half 6/20 upper half 5/20.
Sternframe 7 × 4¼ Keel 7½ × 2⅛.
Stem 7 × 2⅛ to ¾ area at head.
Rudder Head 4¾ dial 3¼ × 2¾, P. pintles 2¾ single plate 12/20.
Method of fitting Rev. frames throughout Hold.
3"
6"flange 13 × 7/20 inter. Bkts. 3 spaces apart under stringers
3 × 2½ × 6/20
15"
arched brackets extended down between butts of stringer plates.
Upper + Lower Stringers
8/20 for ½L to 7/20
Height of Alt. Rev. frs. Ford. of Hold.
Reinforcing plate 5" × 1" for about ⅛L.
8/20 for ½L. to 7/20 + 1/20 all fore and aft + 1/20 for ½L. = 10-8/20
Bulb 7 × 7/20
angle 3 × 3 × 6/20
Equipment No. 12399
1 Bower Anchor stockless 20 cwts. | Collectively wt. 54½ cwts.
1 " " " 17¾ "
1 " " " 16½ "
1 Stream Anchor 5¼ " ex stock
1 Hedge 2½ " "
210 fms. 1 5/16 Stud chain cable.
60 " " 3½ steel wire in lieu of stream chain
90 " 3 " " towline
90 " 6 hawser
90 " 5 warp.
15 × 6/20 web frs. as per profile
single 4½ × 3½ × 7/20.
15"
S.R.
Stringer plate 7/20
6" fl.
Diamond plate see sketch
3 × 2½ × 5/20
Ceiling under Hatches extending from 2 fr. spaces before hatch to 2 fr. spaces aft of hatch in each case. no ceiling on tank top elsewhere.
Tank top plating increased 1/20 throughout.
margin plate 7/20
" angle 3½ × 3½ × 7/20.
D.R.
S.R.
3 × 2½ × 5/20
3 × 3 × 7/20 single doubles at bkts.
6/20
3 × 2½ × 5/20 4 ins
Rider 8/20
4½ × 3 × 7/20
3 × 3 × 6/20 at ea. 4th fr.
floors not butted
16"
Floors 16 × 7/20 for 3/5L to 5/20
to 3½ × 3 × 6/10 to 5/20.
8/20 for ½L to 7/20 + 1/20 = 8/20 to 8/20
6/20 throughout + 1/20 = 7/20
Ceiling 2½"
3½ × 3½ × 7/20
3'-0"
3'-0"
3'-0"
17"
Lug
Rev. fr.
3 × 2½ × 5/20.
8/20 for ½L to 7/20
8/20 for ½L to 7/20
for coal trade no sparing
8/20 for ½L. to 7/20 + 1/20 all fore and aft + 1/20 for ½L. = 10-8/20.
Sr. aboard 33 × 9-8/20
Plating specially arranged forward.
Frs. in one piece from margin to margin at keel pieces.
Rider plate for ¾L. 6½ × 10/20 for ½L. to 8/20.
12 × 10/20 for ½L. to 8/20
4½ × 3 × 7/20
Inf. 3. 7/20
B.A. 6 × 3 × 10/20 for 3/5L.
4½ × 3 × 7/20
Floors in one piece.
Keel pieces 3'-0" long.
Section in Boiler Space.
DR. riveting thro 5" fl
18"
½ diamond plate
As received from Belfast Surveyor 6/12/33
flanged & shelf.
6 × 4 bulb plate
Stringers as fitted fore and aft in ship.

© 2020 Lloyd's Register Foundation
002062-002070-0188

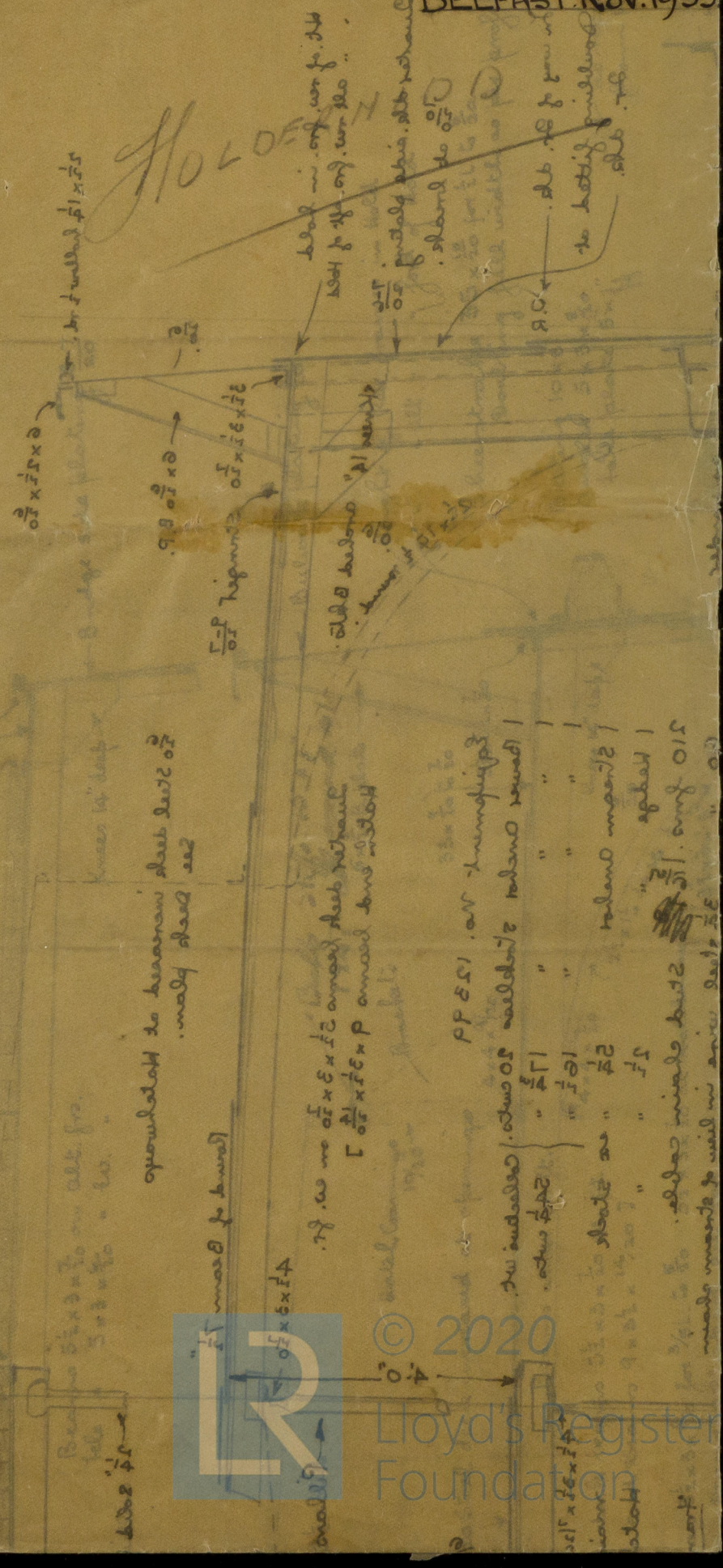
1

MIDSHIP SECTION.

S.S. "KATHLEEN" NOW BLISWORTH

BELFAST. Nov. 1933

002062-002070-0188



© 2020 Lloyd's Register Foundation