

S. S. CORABELLA

MIDSHIP SECTION.

PRINCIPAL DIMENSIONS.

LENGTH B.P.	400'-0"
BREADTH EXTREME	57'-8"
" MOULDED	57'-4 1/2"
DEPTH MLD. UPPER DECK	31'-7"
" TO LENGTH U.D.K.	12'-67"
" " " BOGE DK	10'-23"

SINGLE DECK WITH POOP BRIDGE & FORECASTLE.

LLOYD'S 100A1 CLASS.

ERECTIONS 47-31% L.

SCALE $\frac{1}{2}$ " = 1 FOOT.

NUMERALS.

L x D = 400 x 31.58 =	12632
L (B + D) = 400 (57.37 + 31.58) =	35580

EQUIPMENT NUMERALS.

400 (57.37 + 31.58)	35580
POOP 35.25 x 7.5 x .75	198
BRIDGE 121.5 x 7.5 x .75	683
FGLE 30.25 x 7.5 x .75	170
CASING 70.0 x 7.75 x .5	271
	36902

EFFICIENT SCARPING OF DIFFERENT THICKNESSES TO BE SECURED BY CAREFUL ARRANGEMENT OF DECK BUTTS.

NO CARGO BATTENS IN TWIN BUNKER SPACE ABREAST ENGINE & BOILER ROOM, BUT FRAMES TO BE PUNCHED.

BRIDGE SIDES .60' QUAD. RIV. END LAPS SINGLE RIV. SEAMS POOP .38' & END LAPS FGLE .41'

SHEERSTRAKE 7/8 AMIDSHIPS x .80' TO .45' AT ENDS. QUAD RIV. END LAPS 1/2 L. TREBLE AT ENDS. .61 IN WAY OF BRIDGE WITH TREBLE RIV. END LAPS.

STRAKE BELOW SHEERSTRAKE. 8/4 AMIDSHIPS x .68' TO .45' AT ENDS. QUAD RIV. END LAPS 1/2 L. TREBLE AT ENDS. .64 IN WAY OF BRIDGE WITH TREBLE RIV. END LAPS.

SIDE SHELL FOR A DISTANCE OF 10% L AFT OF RULE POSITION OF COLLISION BULKHEAD = 25% ABOVE END THICKNESS.

SIDE SHELL MIDSHIP THICKNESS FORWARD OF COLLISION BULKHEAD FROM BELOW LIGHT LINE TO ABOVE. LOAD LINE (PER OWNERS)

SIDE SHELL .61' TO .45' .01 IN WAY OF 30' SPACING = .62' TO .45' .45' IN PEAKS TREBLE RIV. END LAPS

BRIDGE STRINGER 57 1/2' x .50'

.61 IN WAY OF HATCHES

QUAD RIV. OVERLAP BUTTS AT .61 PLATING.

FGLE & POOP STR. 35' x .35' SINGLE RIV. END LAPS.

BRIDGE STR. BARS 5' x 5' x .50'

FGLE & POOP STR. BARS 3 1/2' x 3 1/2' x .35'

BRIDGE FRAMES 7' x 3 1/2' x .42 B.A. N.B.S.

ON ALTERNATE FRAMES.

15 MAIN FRAMES CARRIED TO BRIDGE DECK

ON AFTER MAIN HATCH ENDS.

PARTIAL B.H.DS. OVER B.H.DS. 82 & 100

34 WITH 3 FL. 3' x 3' x .34 TO DECK.

7/8" DRAIN HOLE IN EACH FRAME.

WELDED PLATE COLLAR AT EACH FRAME

BEAM KNEES.

42' x 42' FLANGED

9 RIVETS 7/8" DIA TO BEAM

10' x 7/8' " " FRAMES.

CARGO BATTENS

6' x 2' 9' APART.

MAIN FRAMES.

5' x 4' x .50 W. .62 FL. .56 W. .62 FL. IN BOILER ROOM & PERMANENT BUNKERS.

SPACED 30' APART. 27' FORWARD OF 3/5 L.

12' x 3 1/2' x .44 W. .60 FL. IN WAY OF DEEP TANK IN AFTER HOLD 30' APART.

17' x 4' x .48 W. .68 FL. FOR 10% AFT OF RULE POSITION OF COLLISION B.H.D.

5' x 4' x .54 W. .62 FL. FROM 1/2 L. FORT TO 10% L. AFT OF RULE POSITION OF COLLISION B.H.D.

FORE PEAK FRAMES 7' x 3 1/2' x .50' B.A. N.B.S. 21' APART.

AFTER 7' x 3 1/2' x .54' B.A. N.B.S. 24' APART.

RIVETS IN SIDE FRAMES TO SHELL 6 1/2" DIAS. APART.

5 1/2" DIAS. APART IN WAY OF PANTING FRAMES & IN PEAK TANKS.

WEB FRAME ON FRAME 93

30' x 44' 6' x 3 1/2' x .50' FACE BAR 3 1/2' x 3 1/2' x .48' SHELL BAR

TRIPPING BRACKET AT HALF HEIGHT

MARGIN PLATE 70' x 48' .56 B.S. TREBLE RIV. END LAPS.

MARGIN WELDED TO SHELL & FRAMES.

SPOT WELD

FILLING PIECE IN WAY OF FRAMES

FLANGE CONTINUOUS THROUGH TANK TOP

DOUBLE WOOD CEILING ON TANK TOP

3 RED WOOD & 1 1/2" WHITE WOOD.

TANK TOP .43 TO .38' .50 E.S. .86 B.S. + 10' PER OWNERS + .66'

FLOORS .38' .48 B.S. WITH STIFFENERS 3' x 3' x .38' .48 B.S.

FLOORS EVERY FRAME UNDER ENGINES BOILER BEARERS BULKHEADS

AND FORWARD OF 3/5 LENGTH PARTIAL FLOORS UNDER THRUST.

FLOORS ON ALTERNATE FRAMES ELSEWHERE WITH INTERMEDIATE BRACKET FLOORS.

INTERCOSTAL GIRDERS EACH SIDE .36' .40 E.S. .50 B.S.

GIRDER VERTICALS 3' x 3' x .38' .48 B.S.

GIRDER CORNS TO SHELL 3 1/2' x 3 1/2' x .42'

T. TOP 3' x 3' x .42' IN HOLDS 3 1/2' x 3 1/2' x .62' IN B.S. 5' x 5' x .42' UNDER ENGINES & THRUST.

ADDITIONAL GIRDERS UNDER ENGINES AND FORWARD OF 1/2 L. AS PER SEC. II.

FRAMES 3 1/2' x 3 1/2' x .42' REVERSE FRAMES 3' x 3' x .42' .52 B.S.

W.T. FLOORS .48' .50 B.S. WITH STIFFS 5' x 3' x .34' SPACED 2'6" APART .44 B.S.

SINGLE ANGLE ON FLOORS TO T.T. UNDER ENGINES & THRUST 5' x 5' x .42'

UNDER BOILER BEARERS 5' x 5' x .52'

TANK TOP CENTRE STRAKE 54' x 20 1/2' x .42' .56 B.S. + 10' PER OWNERS + .66'

TREBLE RIV. END LAPS FOR 1/2 L. DOUBLE AT ENDS.

STIFFENERS WELDED TO TANK TOP

.30 STEEL CL. B.H.D.

CLEAR OF HATCHES.

BOUNDARY BAR 3' x 3' x .40' TO BULKHEADS & DECK.

3 1/2' x 3' x .40' TO TANK TOP.

STIFFENERS TWO FRAME SPACES APART. DOUBLE AT HATCH ENDS (SEE PROFILE).

BRACKETS AT TOP & BOTTOM AT HATCH ENDS.

CENTRE GIRDER 43' .52 TO .44' .60 B.S. END LAPS TREBLE RIV.

TOP BARS 3 1/2' x 3 1/2' x .46' TO .42' .56 IN B.S.

BOTTOM BARS 4' x 4' .50 TO .48'

VERTICALS 3 1/2' x 3 1/2' x .42' FOR 1/2 L. .52 B.S. 3' x 3' x .42' AT ENDS.

RIVETS SPACED 5 DIAS. 3/4 TO FLOORS 7/8 TO CENTRE GIRDER

WHERE OVER .50'

5' x 5' x .42' UNDER ENGINES & THRUST BLOCK.

5' x 5' .52 UNDER BOILER BEARERS.

9 RIVETS 3/4" DIA TO FLOORS.

8' x 7/8' " " TO C.G. WHERE OVER .50'

END LAPS QUAD RIV. TREBLE AT ENDS.

1 RIVETS IN END LAPS ABOVE 7/8 AT ENDS

7/8 RIVETS IN SEAMS AND FRAMES.

BOTTOM FRAMES FROM 1/2 L. FORT TO RULE POSITION

OF COLL. B.H.D. 5' x 5' x .42 ON SOLID FLOORS.

3 1/2' x 3 1/2' x .42 BACK BAR ON SKEL. FLOORS BETWEEN

FLANGES OF BRACKETS & VERTICALS.

RIVETS TO SHELL & FLOORS 5 1/2" DIAS. APART

BOTTOM SHELL .61 TO .47' IN PEAKS

+ .01 IN WAY OF 30' SPACING .62 TO .48' .47' IN PEAKS

QUAD RIV. END LAPS FOR 1/2 L.

TREBLE " " AT ENDS

RIVETS IN BOTTOM FRAMES

TO SHELL 7 DIAS. APART.

3 STRAKES ADJACENT KEEL .68 FROM 1/2 L. TO 3/5 L. FORT

.67 " 3/5 L. TO RULE

POSITION OF COLLISION B.H.D.

KEEL 49 1/2' x 79' FOR 3/5 L. TO .69' AT ENDS.

FLANGE CONTINUOUS

THRO TANK TOP

40' .50 B.S.

16' x 12'

4' .6'

5' x 3' x .40 B.A.

.50 B.S.

4' .6'

6' x 3 1/2' x .40 B.A.

.44 B.S.

4' .6'

16' x 12'

40' .50 B.S.

S.S. "CORABELLA".
J. L. Thompson & Sons' 581,
MIDSHIP SECTION
AS BUILT,

32182

RETURN



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Foundation