

EQUIPMENT NUMERAL.

L x (B + D) 14038.23.
FOCSLE 75(22.67 x 6) 102.01.
BRIDGE 75(15.75 x 7) 82.7.
R.Q. DECK 148.625 x 4 594.5
CASINGS ETC. 123.7
14941.14.

EQUIPMENT LETTER "D" 10/16 CABLE.

See letter

SHIP NO HR785.

MIDSHIP SECTION.

SCALE:- 1/2" = 1 FOOT.

TO LLOYDS' SURVEY- CLASS + 100 A.I. WITH FREE BOARD.
CORRESPONDING TO A SUMMER MLD DRAFT OF 16'7 1/2" (NEW LOAD LINE RULES).

DIMENSIONS.

LENGTH L.W.L. 242'-9".
BREADTH MLD 39'-4".
DEPTH MLD U.D.K. 18'-6".
" " R.Q.D.K. 22'-6".
SHEER, 3'-3" FWD 1'-0" AFT.
BLOCK COEFF .75.

BULWARK 3'-0" HIGH.

PLATING .25.

STAYS 5'-3" x 30 BA.

BULWARK LUGS 2 1/2" x 2 1/2" x .25
STAYS FITTED OVER DK BEAMS
1'-5" TUMBLE HOME

H. OUT 6 IN 50 3/4

.51 TO .42

-.03 AT 24" SP

BUTTS 3R TO 2R WHERE
NOT EXCEEDING .42

G. IN. 47 1/8

.48 TO .42

-.03 AT 24" SP

BUTTS 3R TO 2R

INCREASED TO D.R. PER
SPECIFICATION.

RIVETS THRO' SIDE FRAMES
TO SHELL SPACED 6 1/2 DIAS APART
5 1/2 DIAS. IN PEAKS PANTING
AND DEEP TANK.

SIDE & BOTTOM SHELL
.47" - .42" AT ENDS.

-.03 AT 24" SPACING.

-.04 AT 23" SPACING.

38 BRACKETS.

FL. 2 1/2"

6-3/4 RIVETS

3'-3" x 3/8 SINGLE.

FRAME BRACKET LUGS TO BE
RIVETED HYDRAULICALLY TO MARGIN.

38

MAGREGOR PATENT STEEL HATCH COVERS.

HOLE TO PASS STEAM PIPES STBP ONLY.
6" DIA LIGHTENING HOLE PORT.

12'-10 1/2" P & S.

R QUARTER DECK.

QUARTER DK. HALF BEAMS 4'-3" x 30 OA.
KNEES 21' x 39. 5-3/4" R.

HATCH SIDE BRACKETS 36' x 34.
EVERY 4TH FRAME. LUGS TO HATCH SIDE 5'-5" x 44
SEE PROFILE.

QUARTER DK. FRAMES 7'-3" x 38 BA AT 27" SPACING.
SEE PROFILE FOR E & B. SPACES.

AFTER PEAK FRAMES 6'-3" x 30 BA AT 24" SPACING.

CENTRE GIRDER 32' x 40 - 36 B.S. 30. BUTTS 3R TO 2R

" " TOP ANGLE 3'-3" x 36-34 DOUBLE.

" " BOTTOM " 3'-2" x 3'-2" x 38.

" " VERTICALS 6'-3" x 32.

TANK GIRDER 32 FITTED FWD OF 1/2 L TOP & BOTTOM ANGLES 3'-3" x 5/16

" " VERTICALS 2'-2" x 2'-2" x 30.

DOUBLE BOTTOM SCANTLINGS IN BOILER SP INCREASED AS RULE.

OPEN FLOOR SCANTLINGS IN BOILER SP AS PROFILE.

FLOORS 32. B.S. 42. TANK ENDS 40.

TANK REVERSES 3'-3" x 5/16. DOUBLE UNDER ENGINES & THRUST.

TANK FRAMES 3'-3" x 5/16. SEE PROFILE FOR FWD OF 1/2 L.

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

ENGINE SPACE FLOORS, GIRDERS, ETC AS PROFILE.

DOUBLE BOTTOM TO BE EFFICIENTLY DRAINED.

THESE STRAKES INCREASED .08 UNDER
TANK TOP

RIVETS THRO' BOTTOM FRAMES SPACED EQUAL
TO 7 DIAS APART. 5 1/2 DIAS APART FWD OF 1/2 L.

FWD OF 1/2 L 'A' & 'B' STRAKES OF SHELL INCREASED 10%
I.E. .52 AT 27" SP, .48 AT 23" SPACING.

BRIDGE DK.

THRO' BEAMS 5'-3" x 25 B.A. EVERY FRAME.
PILLARED AS PROFILE.

MAGREGOR PATENT STEEL HATCH COVERS.

12'-10 1/2" P & S.

UPPER DK.

9 1/2" CAMBER

STEM BAR 7 1/4" x 1 1/8"

BOSS PLATES .44

UPPER DK HALF BEAMS.
4'-3" x 30 OA KNEES 19 1/2' x 40.
5-3/4" R

HATCH SIDE BRACKETS 38' x 34.
LUGS TO HATCH SIDE 5'-5" x 44
EVERY 4TH FRAME. SEE PROFILE.

FRAMES TO UPPER DK. 7'-3" x 32 BA. AT 27" FR SP
PANTING FRAMES AS PER PROFILE.
FORE PEAK FRAMES. 6'-3" x 28 BA
AT 23" FRAME SPACING

NO CARGO BATTENS IN HOLDS.

38 BRACKETS.

FL. 2 1/2"

6-3/4 RIVETS

SINGLE 3'-3" x 3/8

FRAME BRACKET LUGS TO BE
RIVETED HYDRAULICALLY TO MARGIN.

FOCSLE SIDE .32.

BULWARK 4'-0" HIGH.
PLATING .25.

STAYS 5'-3" x 30 OA.

BULWARK LUGS 2 1/2" x 2 1/2" x .25
STAYS FITTED OVER DK BEAMS

8 3/4" TUMBLE HOME

G. IN 47 1/8 SHEERSTRAKE.
.59 TO .42

-.04 AT 23" SP

BUTTS 3R TO 2R WHERE

NOT EXCEEDING .42

PLATING INCREASED

AT BREAK. SEE PROFILE.

INCREASED TO D.R. SEAM
PER SPECIFICATION.

F. OUT. 46 1/8

.50 TO .42

-.04 AT 23" SP

BUTTS 3R TO 2R

E. IN. 64 5/8
BUTTS 3R TO 2R

D. OUT. 68 1/2
BUTTS 3R TO 2R

RADIUS OF BILGE
3'-0"

KEEL 58 1/2" OUT.

.53 FOR 3/8 L TO .49 AT ENDS.

BUTTS 3R

A. IN. 80 3/4

BUTTS 3R TO 2R.

B. OUT. 80 3/4

BUTTS 3R TO 2R

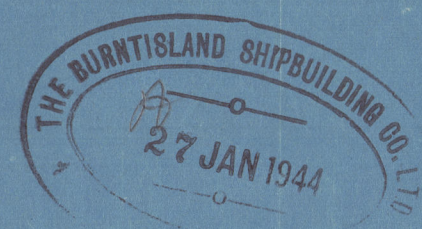
C. IN. 69

BUTTS 3R TO 2R.

9'-3" x 40 BA.

LONG GIRDER IN HOLDS.

NOTE! ALL BULB ANGLES SHEWN ARE N.B.S.



785. + 788.

HALL RUSSELL + CO. L^D.

MIDSHIP SECTION.

S. S. "FIREBEAM" * 785.

ABN. RPT. 21635.

S. S. "SIR JOSEPH SWAN". 788.

ABN. RPT. 21781.



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