

MIDSHIP SECTION

M. V. "CAPE CLEAR"

SCALE 1/2" = 1' 0"

TO CLASS 100-A.1. WITH FREEBOARD AT LLOYDS SPECIAL SURVEY.

COMPLETE SUPERSTRUCTURE VESSEL WITH TONNAGE OPENING.

DIMENSIONS: 425'-0" B.P. ON L.W.L. = 56'-0" M.L.R. = 56'-3" EXT. = 27'-9" M.L.R. TO 2ND DK. = 36'-9" M.L.R. TO UPPER DK.

LLOYDS NUMERALS:
FIRST LONGITUDINAL NUMBER $L \times D = 425.0 \times 35.75 = 15193.75$
SECOND LONGITUDINAL NUMBER $L \times (B+D) = 425.0 \times (56.0 + 35.75) = 38993.75$
D TO UPPER DECK = $425.0 + 36.75 = 11.56$
D MOULDED DEPTH = $27.75 + 6.0 = 33.75$
d = $36.75 - (9.0 + 4.0) = 23.75$
d AT HALF LENGTH FORWARD = 26.00

EQUIPMENT NUMBER:
SECOND LONGITUDINAL NUMBER $425.0 \times (56.0 + 36.75) = 39418.75$
FORECASTLE $40' \times 7.5' \times \frac{3}{4} = 225.00$
MIDSHIP ACCOMMODATION & CASING $72.25 \times 8.0 \times \frac{1}{2} = 289.00$
SALOON ACCOMMODATION $30.0 \times 8.0 \times \frac{1}{2} = 120.00$
EQUIPMENT NUMBER = 40052.75

EQUIPMENT:
2 BOWER ANCHORS 68 CWT. EACH STOCKLESS
1 BOWER ANCHOR 58 1/2 CWT.
1 STREAM ANCHOR 19 CWT. STOCKLESS
270 FATHOMS 3/16" STUD CHAIN CABLE 720 3/4 CWT. OR 2 TAYCO CABLE
30 FATHOMS 1/16" STREAM CHAIN OR 5' FLEXIBLE STEEL WIRE 6" x 12
120 FATHOMS 4/16" SPECIAL FLEXIBLE STEEL WIRE 6" x 24
2 HAWSEERS 30 FATHOMS 8' HEMP OR 2 3/4" FLEXIBLE STEEL WIRE 6" x 12
2 WARPS 30 FATHOMS 7' HEMP OR 2 1/2" FLEXIBLE STEEL WIRE 6" x 12

RIVETING NOTE:
RIVETS IN FRAMES TO FLOORS AND CROSS TIE PLATES IN AFT PEAK SPACED 3 DIAM. APART OR TO C.R.
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FOR HALF LENGTH FORD. SPACED 5/2 DIAM. (TWO COMPLETE ROWS)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FOR HALF LENGTH FORD. SPACED 6/4 DIAM. (TWO COMPLETE ROWS)
RIVETS IN SIDE FRAMES TO SHELL SPACED 6 1/2 DIAM. APART. 5 1/2 DIAM. APART IN WAY OF FORE AND AFT PEAK TANKS AND DEEP FRAMING FORWARD.
RIVETS IN BOTTOM FRAMES TO SHELL AFT HALF LENGTH FORWARD SPACED 7 DIAM. APART OR TO C.R.
RIVETS IN 3 R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 3 1/2 DIAM. APART OR TO C.R.
RIVETS IN 4 R. BUTTS OF OUTSIDE PLATING AND OF DECK STRINGER PLATES SPACED 4 DIAM. APART OR TO C.R.
RIVETS IN SEAMS OF SHELL PLATING, DECK PLATING AND INNER BOTTOM PLATING AS PER TABLE 40
RIVETS IN BUTTS OF DECK PLATING, INNER BOTTOM AND MARGIN PLATING SPACED 4 DIAM. APART OR TO C.R.
RIVETS IN SEAMS AND BUTTS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES AND WEATHER DECK STRINGER ANGLES AND BULKHEAD FRAME TO BULKHEAD SPACED 4 1/2 DIAM. APART OR TO C.R.
RIVETS IN PLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CENTRE GIRDER AND SHELL FLANGE OF WATERTIGHT BULKHEAD FRAME SPACED 5 DIAM. APART OR TO C.R.
RIVETS IN FRAMES TO FLOORS AFT HALF LENGTH FORWARD, REVERSE FRAMES TO FLOORS AND INNER BOTTOM PLATING, VERTICAL ANGLES TO FLOORS AND SIDE GRIDDERS, IN BULKHEAD STIFFENERS (EXCEPT PEAK BULKHEADS) AND IN DECK PLATING TO BEAMS ON EVERY FRAME SPACED 7 DIAM. APART OR TO C.R.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 17 DIAM. APART OR TO C.R. NON-WATERTIGHT.
RIVETS IN CENTRE GIRDER TOP ANGLES SPACED 5 DIAM. APART OR TO C.R. WATERTIGHT.

SCANTLINGS AND DETAILS OF CONSTRUCTION NOTED HEREON ARE SUBMITTED ON THE UNDERSTANDING THAT THEY ARE THE MINIMUM WHICH WILL BE ACCEPTED FOR CLASS. ERRORS AND OMISSIONS EXCEPTED.

STEM 10" x 2 1/2" STERNPOST 10 1/2" x 8" RUDDER POST 10 1/2" x 8"

NOTE: SEE ALSO SEPARATE PLAN OF DOUBLE BOTTOM IN E & B SPACE.



SPECIAL PLAN OF BOTTOM STRENGTHENING FORWARD TO BE SUBMITTED LATER

DISPOSITION OF FLOORS:
SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND FORWARD 75' LENGTH FOR UNDER BOWLER BEARERS & BULKHEADS
ELEVATED SOLID FLOORS ON EVERY THIRD FRAME BRACKET FLOORS INTERMEDIATE

KEEL OUT

52" x 78" FOR 1/2 LEV. Q. TO 60" AT ENDS. BUTTS LAPPED 5 3 R. 1 RIVETS IN BUTTS OVER 7/4

A IN

78" x 60" FOR 1/2 LEV. Q. TO 75" AT ENDS. BUTTS LAPPED 5 3 R.

B OUT

70" x 60" FOR 1/2 LEV. Q. TO 50" AT ENDS. BUTTS LAPPED 5 3 R.

C IN

69 1/2" x 60" FOR 1/2 LEV. Q. TO 50" AT ENDS. BUTTS LAPPED 5 3 R.

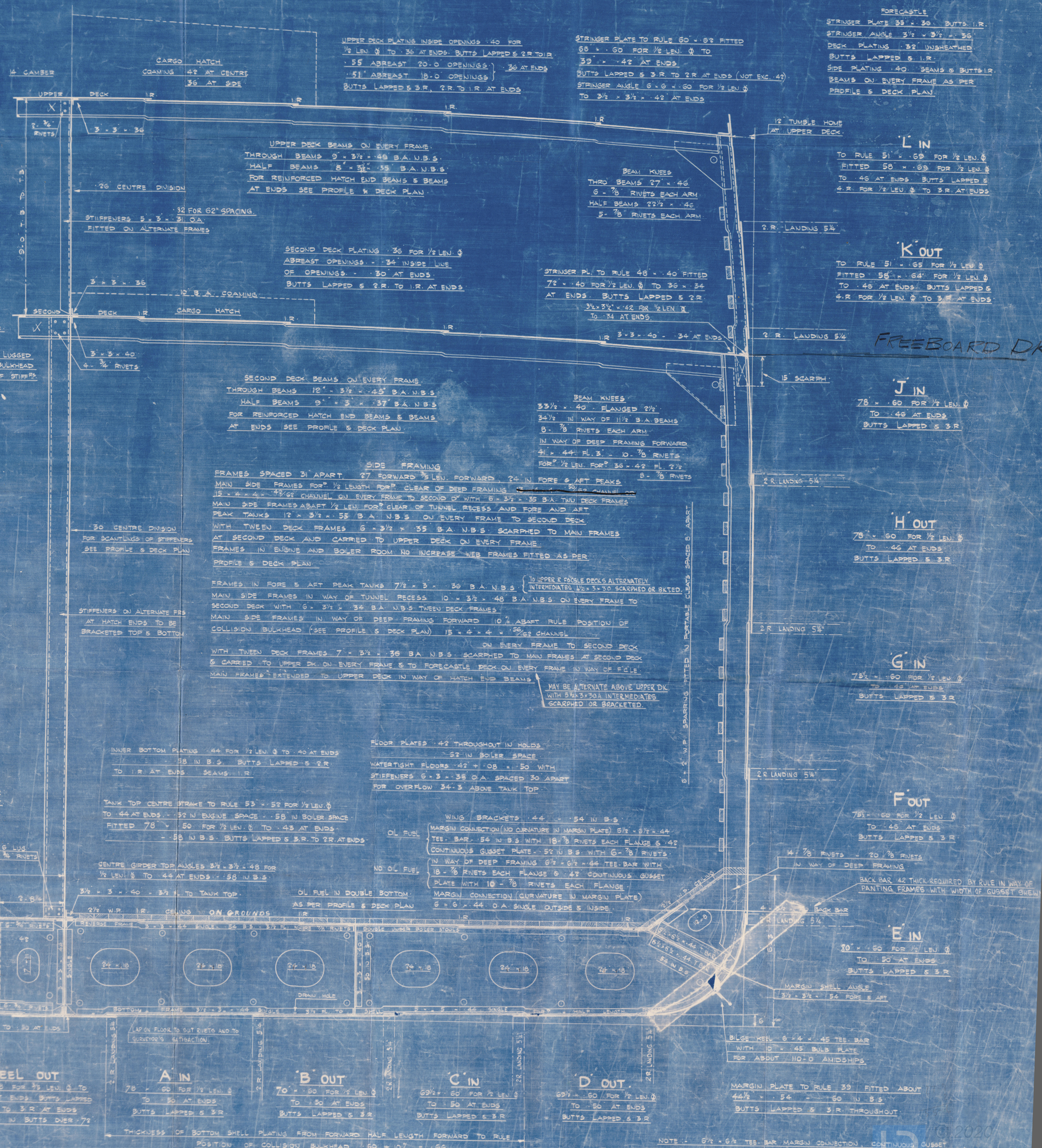
D OUT

69 1/2" x 60" FOR 1/2 LEV. Q. TO 50" AT ENDS. BUTTS LAPPED 5 3 R.

NOTE: 1/2" x 6 1/2" TEE-BAR MARGIN CONNECTION, CONTINUOUS GUSSET PLATE & BACK BAR TO SUIT OWNERS REQUIREMENTS

OWNER'S REQUIREMENTS:
TANK TOP UNDERBONE BED PLATE TO BE NOT LESS THAN 1/2" THICK AND TO BE STIFFENED TO OWNERS REQUIREMENTS
FLOORS TO BE FITTED TO EVERY FRAME UNDER ENGINE FLOORS AND INTERCOSTALS AND ATTACHMENT ANGLES TO BE 75° IN EXCESS OF LLOYDS REQUIREMENTS MARGIN PLATES TANK TOP PLATES UNDER BOWLER AND ALL FLOORS INTERCOSTALS AND ATTACHMENT ANGLES IN TANKS UNDER BOWLER TO BE 75° OVER LLOYDS REQUIREMENTS

FRAMING IN FORE HOLD TO BE SPECIALLY STRENGTHENED IN PAINTING AREA BOW-PLATE TO BE OUTSIDE STRAKE ALL DECK PLATING TO BE 1/2" IN EXCESS OF CLASSIFICATION REQUIREMENTS EXCEPT SECOND DECK
UPPER DECK TO BE STIFFENED WITH FORE AND AFT GRIDDERS INCORPORATED WITH HATCH SIDES TO EXTEND FROM FORE END OF 1/2" HATCH TO AFTER END OF 1/2" HATCH TO OWNERS APPROVAL. STEEL & BULKHEADS OF 30 THICKNESS TO BE FITTED IN ALL LOWER HOLDS AND SHELTER TWEEN DECK CLEAR OF HATCHES



FORECASTLE:
STRINGER PLATE 35" x 30" BUTTS 1 R.
STRINGER ANGLE 3 1/2" x 3 1/2" x 36"
DECK PLATING 3/32" UNBREATHED
BUTTS LAPPED 5 1 R.
SIDE PLATING 1/40" BEAMS & BUTTS 1 R.
BEAMS ON EVERY FRAME AS PER PROFILE & DECK PLAN

L IN
TO RULE 51" x 60" FOR 1/2 LEV. Q. FITTED 50" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 4 R. FOR 1/2 LEV. Q. TO 3 R. AT ENDS.

K OUT
TO RULE 51" x 60" FOR 1/2 LEV. Q. FITTED 50" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 4 R. FOR 1/2 LEV. Q. TO 3 R. AT ENDS.

J IN
78" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 3 R.

H OUT
78" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 3 R.

G IN
78" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 3 R.

F OUT
78" x 60" FOR 1/2 LEV. Q. TO 46" AT ENDS. BUTTS LAPPED 5 3 R.

E IN
80" x 60" FOR 1/2 LEV. Q. TO 50" AT ENDS. BUTTS LAPPED 5 3 R.

BLISS KEEL 6" x 4" x 45" TEE-BAR WITH 10" x 45" BULB PLATE FOR ABOUT 110'-0" ANDSHIPS

MARGIN PLATE TO RULE 39" FITTED ABOUT 44 1/2" x 54" - 60" IN B.S. BUTTS LAPPED 5 3 R. THROUGHOUT

✻ M. Y. CAPE CLEAR

LITHGOWS LTD No 906

MIDSHIP SECTION
As BUILT

GREENOCK FIRST ENTRY
REPORT No 20790

930

~~CAPE HAWKE~~

~~GREENOCK 1ST ENTRY REPORT No 21344~~

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