

NO 427. - 429. MIDSHIP SECTION.

SCALE 1/2" = 1' 0".

DIMENSIONS :- 425' 0" ON L.W.L. 56' 0" MLD, 28' 2" MLD. TO LOWER. 36' 2" MLD. TO UPPER DE.
TO CLASS 100 A.I. WITH FREEBOARD CORRESPONDING TO THAT OF A COMPLETE
SUPERSTRUCTURE VESSEL WITH TONNAGE OPENING.

LLOYD'S NUMERALS.

FIRST LONGITUDINAL NUMBER. L x D = 425' 0" x 36' 2" = 15368.
SECOND LONGITUDINAL NUMBER. L (B + D) = 425' x (56' + 36' 2") = 39168.
PROPORTION L/D. TO UPPER DE. 425' / 36' 2" = 11.75.

D = 36' 2"
d = 28' 10"
3.64
24.52 d

LLOYD'S SURVEY.

EQUIPMENT NUMBER.

L x (B + D) = 425' x 94' = 39950
FORECASTLE = 31' x 7.5' x .75 = 174.37
SALOON = 23' x 7.5' x .5 = 86.2
CASING = 70' x 7.5' x .5 = 262.5
39694.07

EQUIPMENT.

2 BOWER ANCHORS, STOCKLESS EACH 68 CWTs. } Coll. WEIGHT
1 BOWER ANCHOR - 58 1/2 " } 194 1/2 CWTs.
1 STREAM ANCHOR 19 CWTs. EX. STOCK.
2 TO FATHOMS 2 1/2" STUD CHAIN CABLE WEIGHT 120 3/4 CWTs.
90 FATHOMS 1 5/8" STEEL CHAIN OR 5" STEEL WIRE G1/2 FLEX.
120 FATHOMS 4 3/4" STEEL WIRE TOWLINE G1/2 FLEX.
2 AT 90 FATHOMS 2 3/4" STEEL WIRE HAWSEES, 1/2".
2 AT 90 FATHOMS 2 1/2" STEEL WIRE WAKES, 1/2".

FORGINGS + CASTINGS.

STERNPOST 10 1/2" x 8"
RUDDERPOST 10 1/2" x 8"
STEM 10 1/2" x 2 1/2"
TRANSOM FLOOR 48" x 50" 5/8"

RIVETING.

RIVETS IN FRAMES TO FLOORS AND CROSS-TIES IN AFT PEAK 5 DIAS. CR. TO CR.
RIVETS IN FRAMES TO SHELL AT FLAT OF DOUBLE BOTTOM FOR 3/4 L. FOR 5/8 DIAS. (2 COMPLETE ROWS)
RIVETS IN FRAMES TO FLOORS AT FLAT OF DOUBLE BOTTOM FOR 3/4 L. FOR 5/8 DIAS. (2 COMPLETE ROWS)
RIVETS IN SIDE FRAMES TO SHELL 7 DIAS. APART, 5 1/2 DIAS. APART IN WAY OF
FORE AFT PEAK TANKS AND DEEP FRAMING FORWARD.
RIVETS IN BOTTOM FRAMES TO FLOORS + SHELL AFT OF 3/4 L. FORWARD 7 DIAS.
RIVETS IN 3/4 BUTTS OF OUTSIDE RATING + DECK STRINGER PLATES SPACED 3 1/2 DIAS.
RIVETS IN 4/4 BUTTS OF OUTSIDE RATING + DECK STRINGER PLATES SPACED 4 DIAS.
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 4 DIAS. CR. TO CR.
RIVETS IN SEAMS + BUTTS OF BULKHEAD AND TUNNEL PLATING, MARGIN ANGLES AND
WEATHER DE STRINGER ANGLES, AND 9/16 FRAME TO 9/16 SPACED 4 1/2 DIAS.
RIVETS IN FLAT KEEL ANGLES, VERT ANGLES CONN. FLOORS TO CENTRE GIRDERS AND
SHELL PLATING OF W.T. 9/16 FRAME SPACED 5 DIAS.
RIVETS IN REV. FRAMES TO FLOORS + INNER BOTTOM PLATING, VERT ANGLE TO FLOORS
AND SIDE GIRDERS, IN 9/16 STIFFS (EXCEPT PEAK 9/16) AND IN 1/4 PLATING TO BEAMS
ON EVERY FRAME SPACED 7 DIAS.
RIVETS IN SHELL CONNECTING ANGLES 5 IN EACH 2 1/2" AND 2 1/2" SPACE 4 IN EACH 2 1/2" SPACE.
RIVETS IN CENTRE GIRDER TOP ANGLES 7 DIAS. NON-WATERTIGHT.
RIVETS IN CENTRE GIRDER TOP ANGLES 5 DIAS. WATERTIGHT.

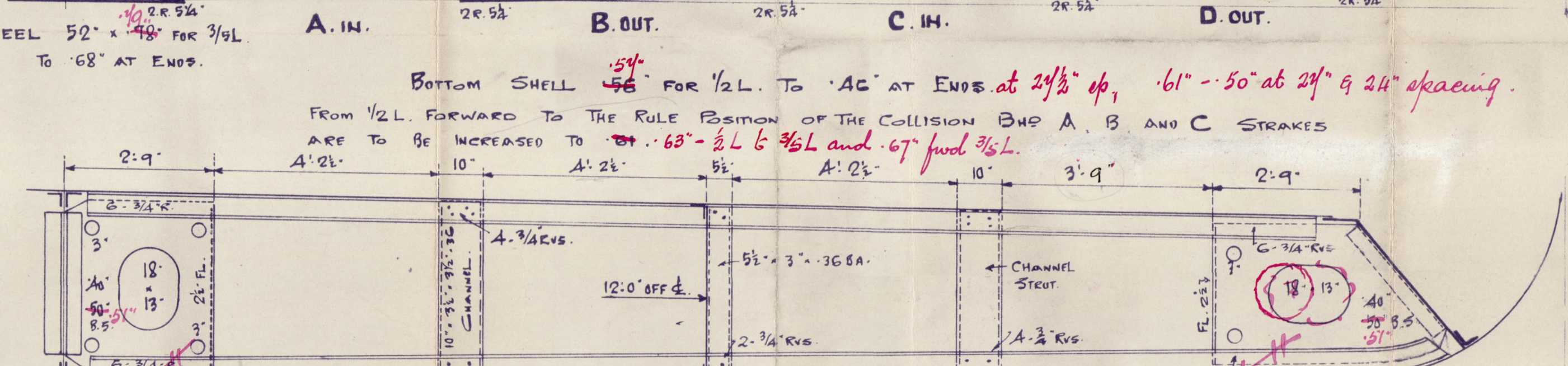
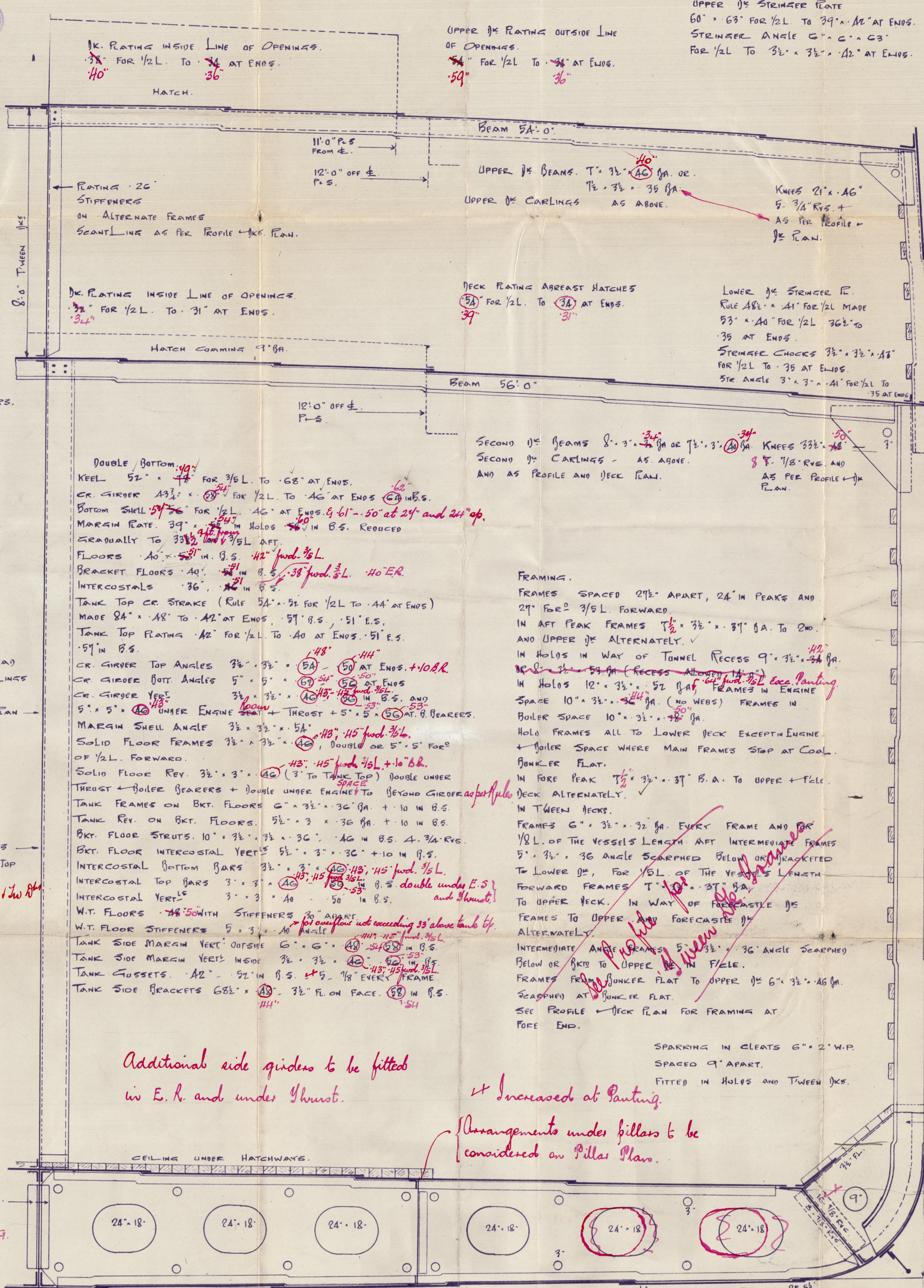
NOTE.

ALL B.A. AND CHANNELS SUBMITTED ARE NEW BRITISH STANDARDS.



PLAN OF FILLARS AND
GIRDERS
TO BE SUBMITTED.

STIFFS ON
ALTERNATE FRAMES
AND BRACKET TOP
AND BOTTOM AT
HATCH ENDS.



DETAIL OF BRACKET FLOOR.

DISPOSITION OF FLOORS.
SOLID FLOORS ON EVERY FRAME IN ENGINE SPACE AND FORE 3/4 L.
FORWARD, UNDER BOILER BEARERS AND BULKHEADS. PARTIAL SOLID
FLOORS UNDER THRUST, ELSEWHERE SOLID FLOORS ON EVERY 4TH FRAME.

FORECASTLE, SIDES
STRINGER 3/8" x 3/4" (NOT SHEATHED)
1/4 RATING 3/8" x 3/4" (NOT SHEATHED)
STRINGER ANGLES 3 1/2" x 3 1/2" x 3/8"

L. IN. SHEERSTAKE 51' x 3/4" FOR 1/2 L.
1/2" AT ENDS.

K. OUT. STRAKE BELOW 51' x 3/4" FOR 1/2 L.
1/2" AT ENDS.

J. IN.

H. OUT.

G. IN.

F. OUT.

E. IN. BASE KEEL 6" x 4" x 50 TEE BAR.
10" x 44" BULG RATE.

BULGE RADIUS 3' 9"

APPROVED
LLOYD'S REGISTER OF SHIPPING
DATE 26.12.35

APPROVED for P.H.R.
LLOYD'S REGISTER OF SHIPPING
DATE 21/1/36

Lloyd's Register
Foundation

1.
Wm Hamilton & Co. L.

Zy. 427. & 429.

Midship Section.

Temple Yard ^{N/W}

Zy. 427. DARLENY

HOTO
MARU
*

Gen. 1st E. Ref. W. 20311.

Zy. 429. NEREUS

Gen. 1st E. Ref. W. 20439.

FLISVOS *



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Lloyd's Register
Foundation

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