

MIDSHIP SECTION

55° N° 827-8-9

SCALE 1/2" = ONE FOOT.

DIMENSIONS:

35'-4" ON LOAD WATERLINE.

352'-6" B.P. x 50'-0" EXTREME x 50'-3" MOULDED x 27'-3" MOULDED TO UPPER DECK.

TO CLASS 100 A.I. @ LLOYDS SPECIAL SURVEY.

EQUIPMENT NUMBER.		
POOP	33' 3"	
BRIDGE	107' 5"	179' 0" x 7' 5" x 3/4"
FORECASTLE	38' 0"	
HOUSES	55' 0" x 20' 0" x 7' 5" x 1/2"	20' 1' 25"
EQUIPMENT NUMBER	20516' 22"	

LLOYDS NUMERALS.		
LONGITUDINAL NUMBER L x D	351' 33" x 27' 25"	27228' 07"
L x (D) =	351' 33" x (20' 25" + 27' 25")	10' 11"
L x D TO BRIDGE DECK	351' 33" x 34' 7' 5"	12' 25"
L x D TO UPPER DECK	351' 33" x 27' 25"	15' 55"
D MOULDED DEPTH		11' 89"
d AFTER BODY =	27' 25" - (8' 5" + 3' 2")	24' 05"
d FORE BODY =	27' 25" - (12' 10" + 3' 2")	24' 05"
d IN WAY OF ENGINE & BOILER SPACE =	27' 25" - 3' 2"	24' 05"
ERECTIONS POOP, BRIDGE & FORECASTLE		51' 10"

29 POWER ANCHORS 50 1/2 CWT EACH STOCKLESS
1 " ANCHOR 44 CWT STOCKLESS
1 STREAM ANCHOR 14 CWT EX STOCK (ROGERS)
270 FATHOMS 2 1/8 STUB CHAIN CABLE 573 3/4 CWT
90 FATHOMS 1 1/8 STREAM CHAIN OR 4 1/2 STEEL WIRE
120 FATHOMS 4 1/2 STEEL WIRE
2 HAWERS 50 FATHOMS EACH 7 TEMP OR 2 1/2 STEEL WIRE
2 WARPS 90 " " " " " " " "

FORECASTLE DECK STRINGER PLATE 30' x 34"
BUTTS LAPPED & 1 R.
STRINGER ANGLE 3 1/2 x 3 1/2 34"
DECK PLATING 30' x 34" UNHEATED
BUTTS LAPPED & 1 R.
BEAMS ON ALTERNATE FRAMES AS PER PROFILE & DECK PLAN.

POOP DECK STRINGER PLATE 30' x 34"
BUTTS LAPPED & 1 R.
STRINGER ANGLE 3 1/2 x 3 1/2 34"
DECK PLATING 30' x 34" UNHEATED
BUTTS LAPPED & 1 R.
BEAMS ON ALTERNATE FRAME AS PER PROFILE & DECK PLAN.

FRAMING ETC.
FRAMES SPACED 30" APART, 27" APART FORWARD OF 3/4 LEN FORWARD & 24" APART IN PEAKS.
MAIN FRAMES AFT ENGINE & BOILER SPACE & CLEAR OF TUNNEL RECESS & AFT PEAK.
9' x 3 1/2' x 44' B.A.N.B.S. CARRIED TO SECOND DECK ON EVERY FRAME WITH
7' x 3 1/2' x 34' B.A.O.B.S. SCARPHED TO MAIN FRAME @ SECOND DECK & CARRIED TO
UPPER DECK & ALTERNATELY TO POOP & BRIDGE DECKS, EXCEPT FOUR FRAMES @
END OF BRIDGE ALL CARRIED TO BRIDGE DECK.
MAIN FRAMES FORWARD OF ENGINE & BOILER SPACE IN WAY OF 30" SPACING
8' x 3 1/2' x 44' B.A.N.B.S. CARRIED TO UPPER DECK ON EVERY FRAME
WITH 7' x 3 1/2' x 34' B.A.O.B.S. SCARPHED TO MAIN FRAME @ UPPER DECK & CARRIED ALTERNATELY
TO BRIDGE DECK & POOP DECK. END OF BRIDGE ALL CARRIED TO BRIDGE DECK.
MAIN FRAMES FORWARD OF ENGINE & BOILER SPACE & CLEAR OF DEEP FRAMING
IN WAY OF 27" SPACING 8' x 3 1/2' x 44' B.A.N.B.S. CARRIED TO UPPER DECK ON EVERY FRAME
WITH 7' x 3 1/2' x 34' B.A.O.B.S. SCARPHED TO MAIN FRAME @ SECOND DECK & CARRIED TO UPPER DECK & ALTERNATELY TO POOP DECK.
INTERMEDIATE FRAMES IN POOP 5' x 3' x 30' O.A. SCARPHED TO MAIN FRAME @ SECOND DECK & CARRIED TO UPPER DECK & ALTERNATELY TO POOP DECK.
NO INTERMEDIATE FRAMES IN BRIDGE CLEAR OF ENDS.
INTERMEDIATE SCARPHED FRAMES IN FORECASTLE 5' x 3' x 30' O.A.
PEAK FRAMES 7' x 3 1/2' x 44' B.A.O.B.S. SPACED 24" APART.
FRAMES IN ENGINE & BOILER SPACE TO BE INCREASED 10" IN LIEU OF WEB FRAME
FRAMES IN BOILER SPACE & PERMANENT BUNKERS INCREASED 10"
TOTAL INCREASE IN BOILER SPACE IF NO WEB FRAME 10".
MAIN FRAMES IN ENGINE & BOILER SPACE WITHOUT THE ABOVE INCREASED
12' x 3 1/2' x 44' B.A.N.B.S. CARRIED TO UPPER DECK ON EVERY FRAME WITH
7' x 3 1/2' x 34' B.A.O.B.S. SCARPHED TO MAIN FRAME @ UPPER DECK.
MAIN FRAMES IN WAY OF DEEP FRAMING FORWARD 10" x 3 1/2' x 44' B.A.N.B.S. CARRIED
TO SECOND DECK ON EVERY FRAME WITH 7' x 3 1/2' x 34' B.A.O.B.S. SCARPHED TO
MAIN FRAME @ SECOND DECK & CARRIED TO UPPER DECK & ALTERNATELY TO POOP DECK.

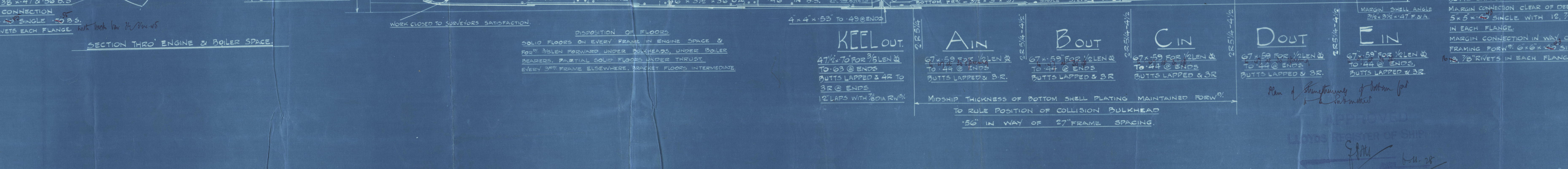
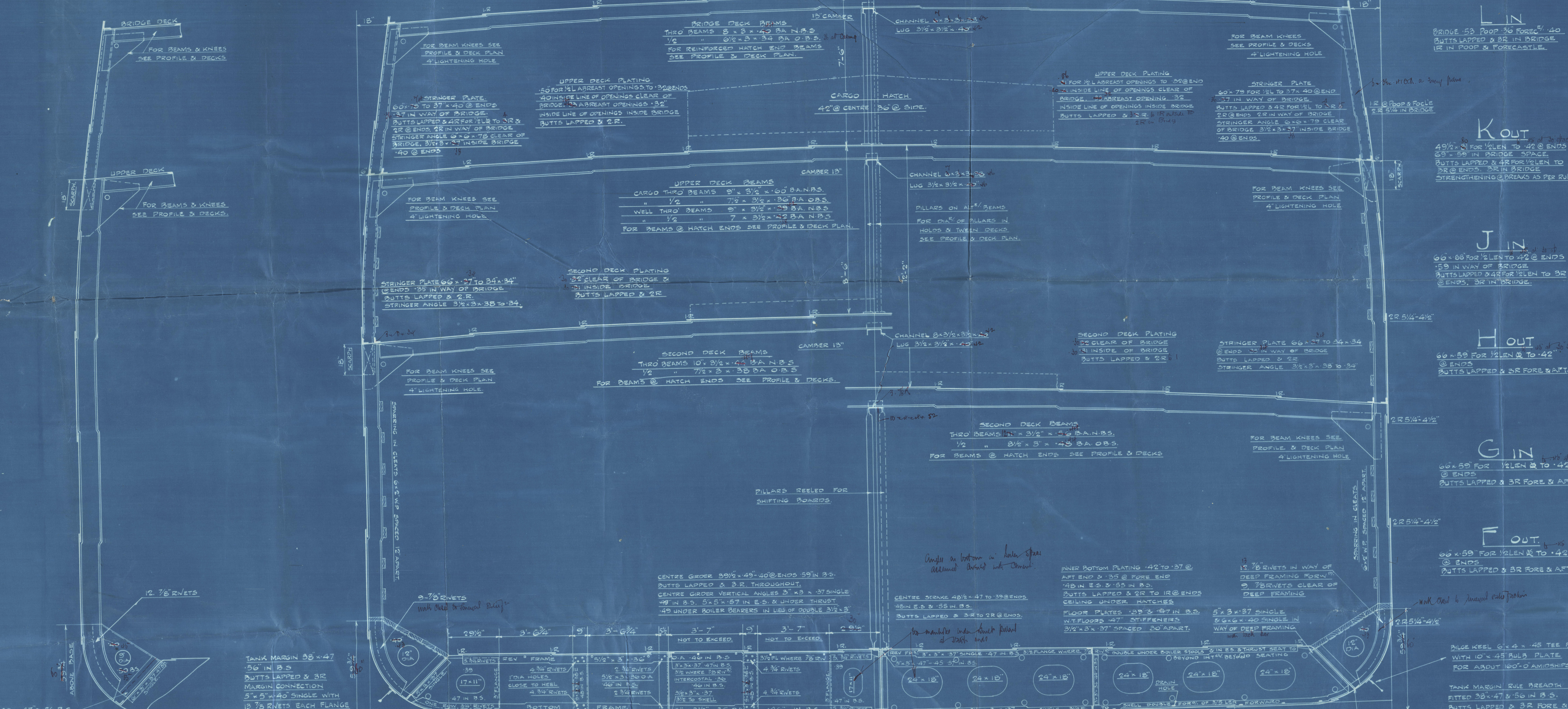
STEM 5' x 12", STERNPOST 10' x 6 1/2", RUDDER POST 9' x 6 1/2"

RIVETING NOTE.
RIVETS IN FLOORS & CROSS TIE PLATES TO FRAMES IN AFT PEAK SPACED 50 DIA. C/W.
FRAMES TO SHELL & FLOORS AT FLAT OF DOUBLE BOTTOM FORWARD OF 3/4 LEN FORWARD
SPACED 5 1/2 DIA. C/W.
RIVETS IN FRAMES TO SHELL SPACED 50 DIA. C/W & 5 1/2 DIA. C/W IN WAY OF PEAK TANKS &
ALSO 5 1/2 DIA. C/W IN WAY OF DEEP FRAMING FORWARD.
RIVETS IN 30' BUTTS OF OUTSIDE PLATING & DECK STRINGER PLATES (3 ROUNDS) 3/8 DIA. C/W.
SEAMS OF OUTSIDE PLATING, DECK PLATING, & INNER BOTTOM PLATING AS PER TABLE 40
AFT OF DECK PLATING, MACHINING DATE, INNER BOTTOM PLATING SPACED 4 DIA. C/W.
SEAMS OF BUTTS OF BULKHEAD PLATING & TUNNEL PLATING & BULKHEAD FRAME TO
BULKHEAD SPACED 50 DIA. C/W & 5 1/2 DIA. C/W. ANGLES TO HAVE TWO COMPLETE
ROWS OF RIVETS SPACED 50 DIA. C/W APART C/W.
RIVETS IN FLAT KEEL ANGLES, VERTICAL ANGLES CONNECTING FLOORS TO CR/GIRDER
& SHELL FLANGE OF WATERTIGHT BULKHEAD FRAMES SPACED 50 DIA. C/W APART C/W.
RIVETS IN FRAMES & REVERSE FRAMES TO FLOORS, VERTICAL ANGLES TO FLOORS & SIDE
GIRDER BULKHEAD STIFFENERS (EXCEPT W.B. TANKS) FACE ANGLED TO WEB & END
STRONGER SPACED 70 DIA. C/W.
RIVETS CONNECTING FLOORS TO INNER BOTTOM PLATING SPACED 7 DIA. C/W.
RIVETS IN DECK PLATING TO BEAMS 70 DIA. C/W BEAMS ON EVERY FRAME & 50 DIA.
APART WHERE BEAMS ON ALTERNATE FRAMES.
CENTRE GIRDER TOP ANGLES RIVETS SPACED 70 DIA. C/W NON WATERTIGHT.
RIVETS IN FLAT KEEL ANGLES BOTH FLANGES SPACED 50 DIA. C/W APART C/W.

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

SECTION OF FRAMING
MAIN FRAME AFT ENGINE & BOILER SPACE CLEAR OF
TUNNEL RECESS & AFT PEAK 9' x 3 1/2' x 44' B.A.N.B.S.
CARRIED TO SECOND DECK.
MAIN FRAME IN E.B. SPACE 10' x 3 1/2' B.A.N.B.S.
CARRIED TO UPPER DECK.
MAIN FRAME FORWARD OF E.B. SPACE, CLEAR OF FORE
PEAK & DEEP FRAMING 8' x 3 1/2' x 44' B.A.N.B.S. @ 30 SPACING
& 8' x 3 1/2' x 34' B.A.O.B.S. @ 27 SPACING CARRIED TO UPPER DECK.
MAIN FRAMES IN WAY OF DEEP FRAMING 10' x 3 1/2' x 44' B.A.N.B.S.
CARRIED TO SECOND DECK.

SECTION OF FRAMING



LITHGOWS LTD

N^{os} 827-8-9.

MIDSHIP SECTION."
"Cape Corso."

827. "Knight of St. George."
Greenock Report N^o. 19086.

828. "Knight of St. Michael."
Lark. Report N^o. 19110.

829. "Knight of St. John."
Lark. Report N^o. 19152.



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