

Nº 695.

MIDSHIP SECTION.

SCALE: 1/2 IN. = 1 FOOT.

CLASS - LLOYDS 100 A.I. (UNDER SPECIAL SURVEY)

DIMENSIONS.

LENGTH BETWEEN PERPENDICULARS	156' 0"	19' LONGITUDINAL N° 156' x 12' = 1872
BREADTH MOULDED	25' 6"	156' (25' 6" + 12) = 5850
DEPTH MOULDED TO UPPER DECK	12' 0"	25' UPPER DECK = 13' 0" 25' QUARTER DECK = 10' 1"
DEPTH MOULDED TO QUARTER DECK	15' 6"	1' UPPER DECK = 2' 58" 1' QUARTER DECK = 13' 1"
		1' BOILER ROOM 14' 42" 1' ENGINE ROOM 11' 1"

SCANTLINGS.

FRAMES SPACED 21/2 THROUGHOUT	
IN PEAKS	5' 3" x 26 3/4"
IN WAY OF MAIN DECK	5' 3" x 26 3/4"
IN WAY OF QUARTER DECK	5' 3" x 26 3/4"
IN BOILER ROOM & COAL BUNKER	5' 3" x 30 3/4"
IN ENGINE ROOM.	5' 3" x 26 3/4"

REV. FRAMES IN BOILER ROOM 3' 2 1/2" x 40 SINGLE, DOUBLE UNDER BOILER BEARERS 3' 5" x 40
REV. FRAMES IN ENGINE ROOM 3' 2 1/2" x 34 DOUBLE (SEE PLAN OF ENGINE SEATS)
DOUBLE FRAMES IN FORE PEAK TO RULE POSITION OF COLLISION BND 5' 3" x 30

EQUIPMENT NUMBER.

259 LONGITUDINAL N° 156' (25' 6" + 12)	5850
QUARTER DECK 84' 75' x 3' 5"	297
FORECASTLE DECK 24' 5' x 6' 5" x 75	118
BRIDGE DECK 17' 35' x 7' 0" x 75	75
6841 = 7	

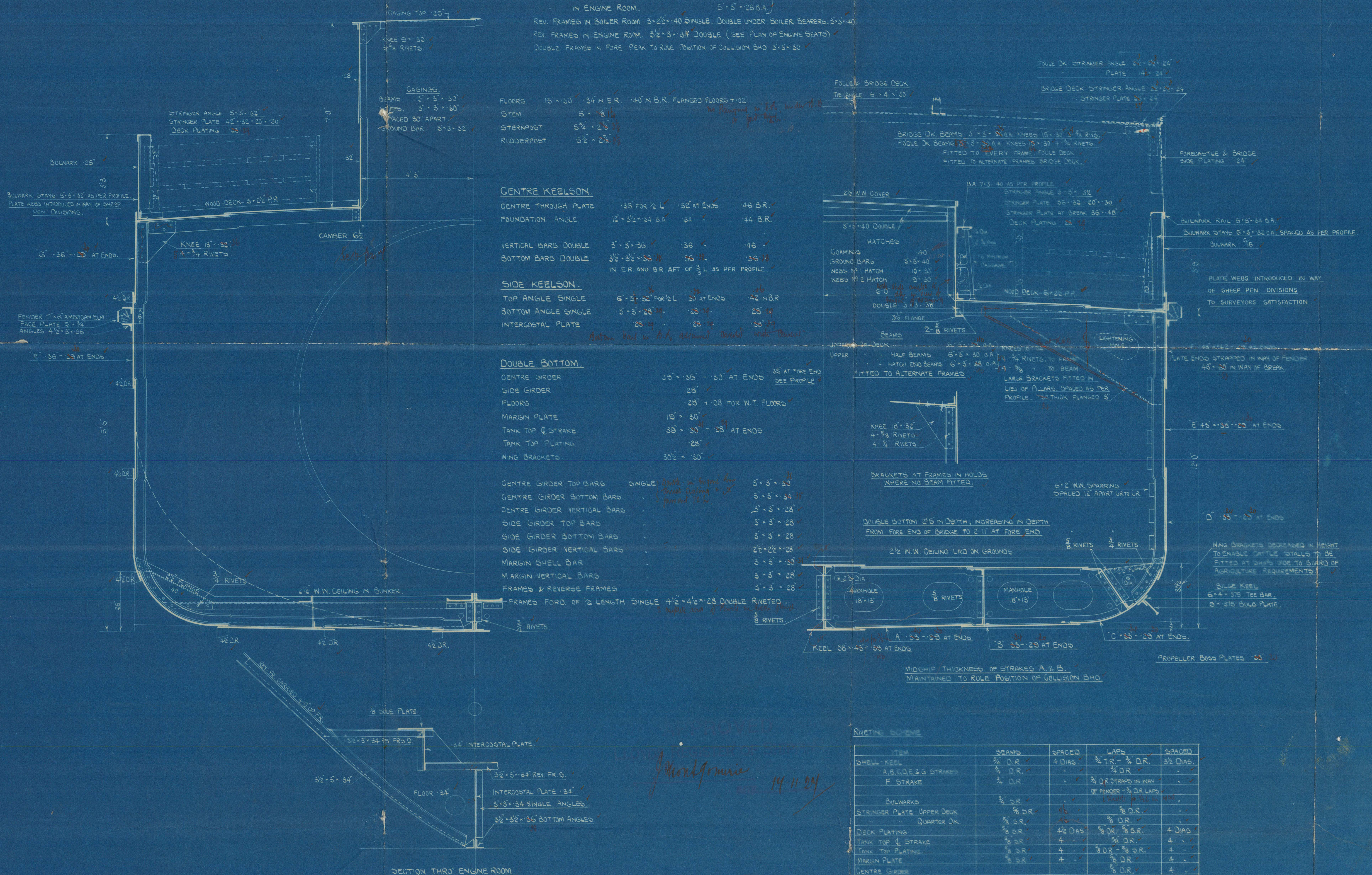
EQUIPMENT 7.

3 BOWER ANCHORS 10 1/4" 2 3/4" & 2 3/4" ONTS EACH STOCKLESS
1 STREAM ANCHOR 3 1/2" ONTS - EX STOCK
150 FATHOMS 1/16" STUB CHAIN CABLE
63 FATHOMS 2 1/2" STEEL WIRE ROPE - STREAM WIRE
75 FATHOMS 2 1/2" STEEL WIRE ROPE - TONING
90 FATHOMS 2 1/2" STEEL WIRE ROPE - 2 WIRE

PARTICULARS FOR FREEBOARD

SHEER AFT 2' 1/2"	SHEER AT 1/8 L FROM A.P. 1' 6"
SHEER FORWARD 3' 5"	SHEER AT 1/8 L FROM F.P. 2' 10 1/2"
QUARTER ERECTION (CLOSED, WATERTIGHT)	84' 8' x 3' 5"
FORECASTLE ERECTION (OPEN AFT END)	24' 6' x 6' 5"
BRIDGE ERECTION (CLOSED)	17' 4' x 7' 0"
SHEER AT BREAK OF QUARTER DECK	14' 4' x 7' 0"
UNDERDECK TONNAGE COEFFICIENT	.725

MACHINERY PROTECTED BY A SUBSTANTIALLY
CONSTRUCTED CASING 7' 0" HIGH



CENTRE KEELSON.

CENTRE THROUGH PLATE	36 FOR 1/2 L	32 AT ENDS	48 B.R.
FOUNDATION ANGLE	12' 5 1/2" x 34 3/4"	84	44 B.R.

VERTICAL BARS DOUBLE	3' 3" x 36	36	48
BOTTOM BARS DOUBLE	3 1/2" x 32	36	48

SIDE KEELSON.

TOP ANGLE SINGLE	6' 3" x 32 FOR 1/2 L	30 AT ENDS	42 IN B.R.
BOTTOM ANGLE SINGLE	3' 3" x 28	28	42
INTERGOSTAL PLATE	23 1/4"	23 1/4"	38 1/4"

DOUBLE BOTTOM.

CENTRE GIRDER	25' x 136" - 30" AT ENDS	35 AT FORE END
SIDE GIRDER	28"	SEE PROFILE
FLOORS	28" x 108 FOR W.T. FLOORS	
MARGIN PLATE	15' x 30"	
TANK TOP PLATING	30' x 30" - 28" AT ENDS	
TANK TOP PLATING	28"	
WING BRACKETS	30 1/2" x 30"	

CENTRE GIRDER TOP BARS	SINGLE 3" x 30	5' 3" x 30
CENTRE GIRDER BOTTOM BARS	3" x 30	5' 3" x 30
CENTRE GIRDER VERTICAL BARS	3" x 28	5' 3" x 28
SIDE GIRDER TOP BARS	3" x 28	5' 3" x 28
SIDE GIRDER BOTTOM BARS	3" x 28	5' 3" x 28
SIDE GIRDER VERTICAL BARS	2 1/2" x 28	5' 3" x 28
MARGIN SHELL BAR	3" x 30	5' 3" x 30
MARGIN VERTICAL BARS	3" x 28	5' 3" x 28
FRAMES & REVERSE FRAMES	3" x 30	5' 3" x 30

FRAMES FORD OF 1/2 LENGTH SINGLE 4' 2" x 4' 2" x 28 DOUBLE RIVETED.
5' 3" x 30

MIDSHIP THICKNESS OF STRAKES A & B.
MAINTAINED TO RULE POSITION OF COLLISION BND.

RIVETING SCHEME

ITEM	BEAMS	SPACED	LAPS	SPACED
SHELL - KEEL	3/4" D.R.	4 DIAS	3/4" TR - 3/4" D.R.	3/2" DIAS
A.B. WIDE & G. STRAKES	3/4" D.R.		3/4" D.R.	
F. STRAKE	3/4" D.R.		3/4" D.R. STRAPS IN WAY OF FENDER - 3/4" D.R. LAPS	
BULWARKS	3/4" D.R.		3/4" D.R.	
STRINGER PLATE UPPER DECK	3/4" D.R.	4	3/4" D.R.	
QUARTER DECK	3/4" D.R.	4 1/2 DIAS	3/4" D.R.	4 DIAS
DECK PLATING	3/4" D.R.	4	3/4" D.R.	4 DIAS
TANK TOP PLATING	3/4" D.R.	4	3/4" D.R.	4 DIAS
MARGIN PLATE	3/4" D.R.	4	3/4" D.R.	4 DIAS
CENTRE GIRDER	3/4" D.R.		3/4" D.R.	4 DIAS
RIVETS THRO' FLOORS & REV. FRAMES	3/4" RVS.		3/4" RVS.	7
FRAMES & SHELL	3/4" RVS.		3/4" RVS.	7
5' 3" RVS. IN BEAMS BETWEEN FRAMES (EXCLUDING FRAME RIVET)	3/4" RVS.		3/4" RVS.	7
REV. FRAMES & T.T. PLATING	3/4" RVS.		3/4" RVS.	7
CENTRE GIRDER TOP ANGLES	3/4" RVS.		3/4" RVS.	7
BOTTOM "	3/4" RVS.		3/4" RVS.	7
BEAMS & DECK PLATING	3/4" RVS.		3/4" RVS.	7
DECK STRINGER ANGLES	3/4" RVS.		3/4" RVS.	7
RVS. THRO' FRAMES FLOORS & SHELL FORD 1/2 LENGTH	3/4" RVS.		3/4" RVS.	7
RVS. " PLANGED BNTS. 3/8" DIA. SPACED 7 DIAS. APART IN FRAME AND BEAM.	3/4" RVS.		3/4" RVS.	7

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HALL RUSSELL & CO LD.

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S.S. "ST CLEMENT"

ABN. REPORT. 15223

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