

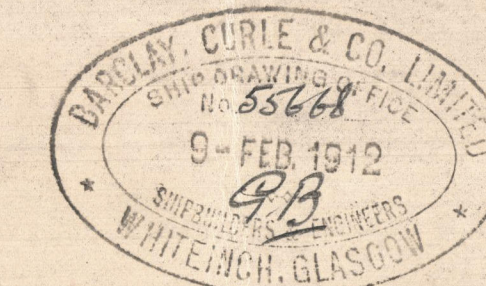
15.2.12

# -MIDSHIP-SECTION- No 503.

Moulded Dimensions: 260'-0" x 35'-10" x 24'-6".

SCALE: 1/2" = ONE FOOT.

To Class 100 A.I. Lloyds.



OWNERS' INCREASES.  
(ADDITIONAL TO SCANTLING MARKED ON PLAN).  
UPPER DECK PLATING: WHERE EXPOSED TO BE INCREASED .04".  
DOUBLE BOTTOM, FROM FORE END OF ENGINE BEDPLATE TO 44' BUNKER BULKHEAD: FLOORS TO BE INCREASED .04", AND ALL REMAINING SCANTLING (PLATES & ANGLES) TO BE INCREASED .02", EXCEPT SIDE GIRDER PLATES.  
TANK TOP UNDER AUX. BOLLER: TO BE INCREASED .10".

RIVETING.		
END CONNECTIONS.		
	FOR 1/2 LENGTH.	AT ENDS.
KEEL.	TREBLE RIVETED OVERLAPS.	TREBLE RIVETED OVERLAPS.
SHEERSTRACE.	" " "	TREBLE RIVETED WHERE OVER .40" DOUBLE WHERE .42" UNDER.
STRACE BELOW SHEERSTRACE.	" " "	" " "
BOGE DE SHEERSTRACE & STRACE BELOW.	" " "	" " "
OUTSIDE PLATING FROM KEEL TO UPPER TURN OF BIDGE.	TREBLE RIVETED OVERLAPS.	TREBLE RIVETED WHERE OVER .40" DOUBLE WHERE .42" UNDER.
OUTSIDE PLATING FROM UPPER TURN OF BIDGE TO STRACE BELOW SHEERSTRACE.	" " "	" " "
BRIDGE DECK STRINGER.	TREBLE RIVETED OVERLAPS.	" " "
" PLATING.	SINGLE	" " "
UPPER DECK STRINGER.	TREBLE RIVETED OVERLAPS.	DOUBLE RIVETED OVERLAPS.
" PLATING.	DOUBLE	SINGLE
MAIN DECK STRINGER.	DOUBLE	DOUBLE
" PLATING.	SINGLE	SINGLE
CENTRE GIRDER.	TREBLE RIVETED OVERLAPS.	TREBLE RIVETED OVERLAPS.
MARGIN PLATE.	DOUBLE	DOUBLE
TANK TOP CR STRAKE.	" " "	" " "
TANK TOP PLATING.	DOUBLE	SINGLE
FORECASTLE SIDE PLATING & STRINGER.	DOUBLE	DOUBLE RIVETED OVERLAPS.
" DECK PLATING.	" " "	SINGLE
EDGE CONNECTIONS.		
SHEERSTRACE & KEEL ENDINGS DOUBLE FORE AND AFT. REMAINDER OF OUTSIDE PLATING EDGES DOUBLE. (FORECASTLE SINGLE).		
TANK TOP MIDDLE LINE STRAKE SINGLE FORE AND AFT. TANK TOP PLATING SINGLE.		
ALL DECK EDGES INCLUDING STRINGERS SINGLE RIVETED.		

FORECASTLE DECK.	
BEAMS WITH IRON PILLARS.	1 1/2" x 8" x 42" BULB ANGLES ON ALL FRAMES, RIVETED AS PER DECK PLAN.
BEAM KNEES.	16" x 34" (5-3/4 RIVETS).
STRINGER PLATE.	25" x 36" (5-3/4 RIVETS).
" ANGLE.	5" x 3" x 30"
STEEL DECK.	AS PER DECK PLAN.
WOOD DECK.	NONE - EXCEPT UNDER WINDOW GLASS.
GUTTER ANGLE.	"

BRIDGE DECK.	
BEAMS FOR IRON PILLARS (CASSING 25').	6 1/2" x 3" x 40" B.A. ON ALL FRAMES.
BEAMS WITH IRON PILLARS.	1 1/2" x 8" x 42" B.A. ON ALL FRAMES.
BEAM KNEES.	16" x 34" (5-3/4 RIVETS).
STRINGER PLATE.	42" x 48" (5-3/4 RIVETS).
" ANGLE.	4 1/2" x 4 1/2" x 48"
STEEL DECK.	24"
WOOD DECK.	5" x 3" PITCH PINE.
GUTTER ANGLE.	3" x 2 1/2" x 30"

STEM.	
STEM.	6" x 2 1/2" x 40"
STERNFRAMES.	5" x 5" RUDDER POST.
"	8 1/2" x 5" RUDDER POST.
RUDDER STOCK.	AS PER FORMULA.

WEB FRAMES AND STRINGERS.	
WEB FRAMES.	20" x 40"
FACE BAR.	5" x 3 1/2" x 54"
SHELL BAR.	3 1/2" x 3" x 40"
STRINGER PLATE.	20" x 32"
STRINGER PLATE.	20" x 32"
FACE PLATE IN WAY OF WEB FRAMES.	42" x 6" x 50"
SPRINGER PLATED 4" TO SHELL.	"
KOES AT ALT. FRAMES.	30"

DOUBLE BOTTOM.	
CENTRE GIRDER.	36" x 44" .36 .54 RISE DEPTH 35".
CR GIRDER BOTTOM BARS.	4" x 4" x 50" .46"
" TOP.	3" x 3" x 40" .38"
" VERTICAL.	3" x 3" x 32" 3" x 3" x 32" 4 1/2" x 3" x 32" SINGLE ALL FOR RAIL.
SIDE GIRDERS.	.32" .32" .42"
" BOTTOM BARS.	3" x 3" x 32" .42"
" TOP.	3" x 3" x 32" .42"
" VERTICAL.	2 1/2" x 2 1/2" x 32" .42"
FLOORS & WING BARS.	.32" .32" .42"
TANK FRAMES.	36" x 3" x 30" .40"
TANK REVERSE FRAMES.	36" x 3" x 30" .40"
MARGIN PLATE.	30" x 3" x 30" .44"
" SHELL BAR.	3 1/2" x 3 1/2" x 36" .42"
" VERTICAL BARS.	3" x 3" x 32" .42"
TANK TOP CR STRAKE.	5 1/2" x 3 1/2" .82" .48"
" PLATING.	3 1/2" x 3 1/2" .30" .46"
GUSSETS IN WAY OF WEB FRAME SYSTEM (ON EACH WEB FRAME).	"
DOUBLE REV. FRAMES UNDER ENG. SOLE.	"

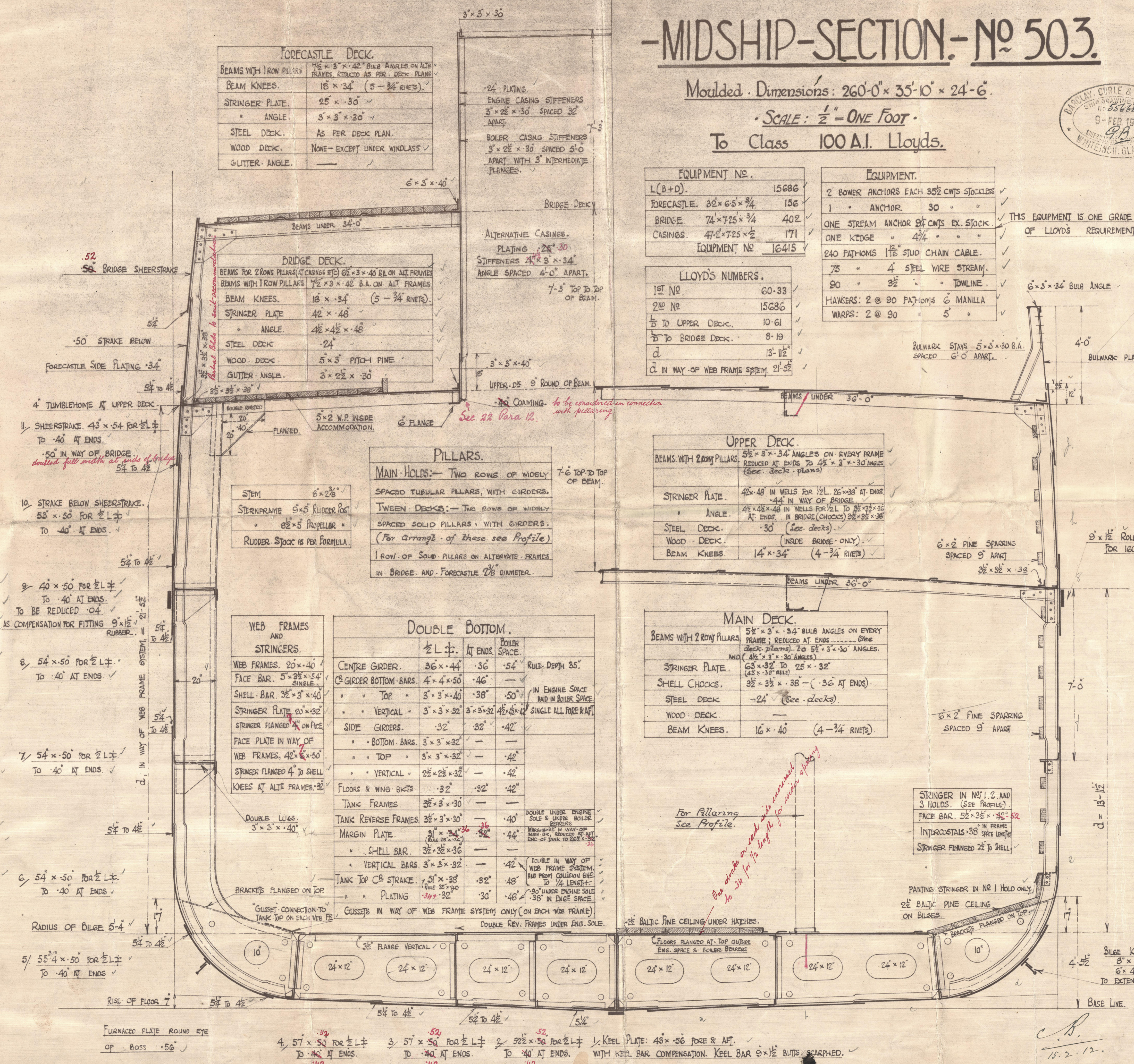
EQUIPMENT NO.	
1 (B+D).	15686
FORECASTLE.	32" x 6 1/2" x 3/4 156
BRIDGE.	74" x 7 1/2" x 3/4 402
CASINGS.	47" x 7 1/2" x 3/4 171
EQUIPMENT NO.	16415

LLOYD'S NUMBERS.	
1ST NO.	60-33
2ND NO.	15686
B TO UPPER DECK.	10-61
B TO BRIDGE DECK.	8-19
d.	13-12
d IN WAY OF WEB FRAME SYSTEM.	21-52

UPPER DECK.	
BEAMS WITH 2 ROLL PILLARS.	5 1/2" x 3" x 34" ANGLES ON EVERY FRAME REDUCED AT ENDS TO 4 1/2" x 3" x 30" ANGLES (See deck plans).
STRINGER PLATE.	42" x 48" IN WELLS FOR 12L 26" x 30" AT ENDS .44" IN WAY OF BRIDGE.
" ANGLE.	4 1/2" x 4 1/2" x 48" IN WELLS FOR 12L 26" x 30" AT ENDS .44" IN WAY OF BRIDGE (CHOCKS) 26" x 30" AT ENDS.
STEEL DECK.	.30" (See deck plans).
WOOD DECK.	(INSIDE BUNKER - ONLY).
BEAM KNEES.	14" x 34" (4-3/4 RIVETS).

MAIN DECK.	
BEAMS WITH 2 ROLL PILLARS.	5 1/2" x 3" x 34" BULB ANGLES ON EVERY FRAME REDUCED AT ENDS TO 4 1/2" x 3" x 30" ANGLES (See deck plans).
STRINGER PLATE.	42" x 48" IN WELLS FOR 12L 26" x 30" AT ENDS .44" IN WAY OF BRIDGE.
SHELL CHOCKS.	26" x 30" x 36" (4-3/4 RIVETS) IN ENGINE SPACE.
STEEL DECK.	.24" (See deck plans).
WOOD DECK.	"
BEAM KNEES.	16" x 40" (4-3/4 RIVETS).

FRAMING.	
FRAMES SPACED 24" APART ALL FORE & AFT, EXCEPT IN WAY OF ENGINE SOLE WHERE THEY ARE 23" APART.	
FRAMING IN PEAKS: 5 1/2" x 3" x 36" BULB ANGLES.	
TUNNEL RECESS: (d = 6-1/2") 5 1/2" x 5" x 36" B.A.	
IN NO 1-2 AND 3 HOLDS (d = 13-1/2") 7" x 5" x 46" B.A.	
IN MACHINERY SPACE & BUNKERS (SEE PROFILE).	
WEB FRAMES: 20" x 40", SPACED AS PER PROFILE.	
INTERMEDIATE FRAMES: 6 1/2" x 3" x 36" BULB ANGLE.	
FRAMES IN WAY OF FOLE ALL TO FOLE DECK.	
AND IN WAY OF BRIDGE ALBERT TO BRIDGE DECK.	
WITH INTERMEDIATE FRAME BETWEEN UPPER TO BRIDGE, 4 1/2" x 3" x 36" ANGLE (UNSCARPED).	
FRAMES ELSEWHERE ALL TO UPPER DECK.	



503 21 10022 2111

503 21 10022 2111



Mudchip Section

Barclay Curle &  
Co 503

"Stanland"

St  
BORDERLAND.



008288-008295-0088



© 2021

Lloyd's Register  
Foundation



GLASGOW REPORT No. 2197.



© 2021

Lloyd's Register  
Foundation



Lloyd's



© 2021

Lloyd's Register  
Foundation



Lloyd's

24.5  
125.83  
3 6033  
157.00

008288-008295-0088



© 2021

Lloyd's Register  
Foundation