

4. 4. 11
 21. 4. 11
 27. 4. 11
 5. 5. 11
 7. 6. 11
 6. 11. 11

ALEX STEPHEN & SONS LTD
SHIPBUILDERS & ENGINEERS
GLASGOW.
PLAN NO. 1 DATE 4/4/11
SHIPYARD DEPARTMENT

MIDSHIP SECTION.
S. S. N^o 448.

SCALE 1/2" = ONE FOOT

LENGTH DIMENSIONS 102'-0" AT 110' x 52' MLD x 29'-11" MLD TO UPPER DECK.

TO CLASS 100. A.I. AT LLOYDS.

NUMERALS

TRANSVERSE N° (A+D) AND $d = 52 + 29.92 = 81.92$ $d = 17'5''$

LONGITUDINAL N° ($L \times (B+D)$) = $402.0 \times (52 + 29.92) = 32932$

PROPORTIONS	402' ÷ 38.41 = 10.47	DEPTHS TO BRIDGE DECK
	402 ÷ 29.92 = 13.47	" " UPPER "

[illegible]

	END LAPS			EDGE LANDINGS		
	INSIDE EDGE	$\frac{1}{2}$ LEN.	ENDS	INSIDE EDGE	$\frac{1}{2}$ LEN.	ENDS
✓ FLAT PLATE KEEL		QUAD	QUAD		DOUBLE	DOUBLE
✓ CENTRE GIRDER		TREBLE	TREBLE		-	-
✓ TANK TOP CENTRE STRAKE		TREBLE	DOUBLE		DOUBLE	DOUBLE
✓ " " PLATINGS (INCLUDING E & B SPAC)		DOUBLE	SINGLE		SINGLE	SINGLE
✓ MARGIN PLATE		TREBLE	TREBLE		SINGLE	SINGLE
✓ SHELL STRAKES A TO E		QUAD	TREBLE		DOUBLE	DOUBLE
✓ " STRAKES F, G, H		QUAD	TREBLE		DOUBLE	DOUBLE
✓ " J	quad, treble	QUAD	TREBLE		DOUBLE	DOUBLE
✓ SHEER STRAKE K	treble	DOUBLE SHIP	TREBLE	DOUBLE	DOUBLE	DOUBLE
✓ " STRAKES L & M	QUAD	DOUBLE	DOUBLE	DOUBLE	SINGLE	SINGLE
<i>Buttloft to be of breadth corresponding to the thickness of angle.</i>						
✓ BRIDGE DECK STRINGER		TREBLE	P.E. FULL	DOUBLE	SINGLE	P.E. FULL
✓ UPPER " "		TREBLE	QUAD	TREBLE	SINGLE	SINGLE
✓ MAIN " "		TREBLE	TREBLE	TREBLE	SINGLE	SINGLE
✓ BRIDGE DECK PLATING		DOUBLE	POOP	SINGLE	SINGLE	P.E. FULL
✓ UPPER " "		DOUBLE	DOUBLE	SINGLE	SINGLE	SINGLE
✓ MAIN " "		DOUBLE	DOUBLE	SINGLE	SINGLE	SINGLE
✓ SHELL STRAKES EXCEEDING BULK WIDTH TO HAVE INCREASED LAPS						
RIVETS CONNECTING FRAMES & SHELL	<i>floor</i>	② $\frac{1}{2}$ frame		IN PEAKS — ③ $\frac{1}{2}$ HART		
"		③ $\frac{1}{2}$ frame		BEFORE $\frac{1}{2}$ LEN IN DOUBLE BOTTOM		
"		UPPER & BRIDGE DECK BEAMS & DECK PLATES		DOWN ③ $\frac{1}{2}$ HART		
"		POOP & MAIN		" ②		
NUMBER OF RIVETS IN EACH ROW OF SHELL LANDINGS				9	④ $\frac{1}{2}$ DIA	

	FORGINGS
✓	STEM $10\frac{1}{2} \times 2\frac{3}{4}$ TO LWL TO $8 \times 2\frac{3}{4}$ AT HEAD
✓	PROPELLER POST $10\frac{1}{2} \times 7\frac{1}{2}$ SIDES OF BOSS $\frac{3}{5}$ OF $7\frac{1}{2} = 4\frac{1}{2}$
✓	RUDDER POST $9 \times 7\frac{1}{2}$
✓	RUDDER STOCK
✓	TRANSDOM PLATE 45×48 DOUBLE ANGLES $3\frac{1}{2} \times 3\frac{1}{2} \times 48$

EQUIPMENT		400	32,888
52 + 29	83 = 8185	401-84	32,085
ERRECTIONS- BRIDGE	124-7 + 8-5	94	795
POOP & FCL	(44-7 + 39)	725-84	455
D2 HOUSES	31-17 + 7	94	164
E CASING	34 + 7	94	119
EQUIPMENT		Nº =	31,415
= BOWER ANCHORS		EACH	60 CMTS STOK LESS
1	"	"	50%
1	STREAM	"	164
1	KEEDGE	"	7
210	FATHOMS	2 1/2	500 CHAIN CABLE
90	"	1 1/2	STREAM CHAIN OR 4 1/2" STEEL WIRE
120	"	1 1/2	HEMP OR 4 1/2" STEEL WIRE
2 @ 90	"	8	HAWNERS
2 @ 90	"	7	"

[illegible]

Poop & Fole	STRINGER PLATES	$36 \times .34$	✓
"	"	ANGLE	$3\frac{1}{2} \times 3\frac{1}{2}$
BRIDGE DECK	PLATES	$48 \text{ SS. } 54 \text{ SL }$	56
"	"	ANGLE	5×5
"	PLATING (UNSHEATHED)	70×70	(✓)
Poop Deck	PLATING	"	34×76
Fole to Plates	$\Phi \cdot 34$	UNSHEATHED	$5 \cdot 3$ PITCH PINE

M

POOP SIDES	.38	
F'CLE	.40	
BRIDGE SHEERSTRAKE	47	71 * 72

BULWARK $6\frac{1}{2} \times 3 \times 40$ BA
STAYS $7\frac{1}{2} \times 40$ BULB SPACED 6'0" APART 6'5" FROM BRIDGE BH'S
STIFFERS $3\frac{1}{2} \times 3 \times 34$

POOP 38, FCL 40 ✓
BRIDGE ~~41~~ 70 ✓
BULWARK 30 ✓
54.6% LAPAT BRIDGE, SINGLE ELSEWHERE.

INSIDE BRIDGE	FOR 1/2 LEN OUTSIDE 17' 0" INSIDE BRIDGE	ENDS
58' x u. %	58' x u. % 10	52' 46" 24 SPACING
DOUBLED FOR 20' 0" AT ENDS OF BRIDGE		

INSIDE BRIDGE	FOR 1/2 LEN OUTSIDE G. 17'0" INSIDE BRIDGE	ENDS
70 47. 18.75	70 47. 80.14	52 24 46 @ 24 SPACING

FRAMING

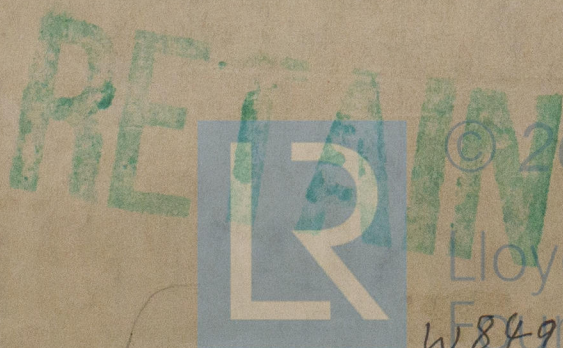
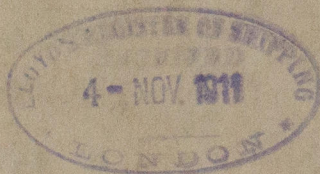
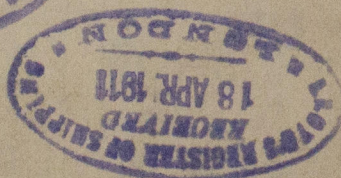
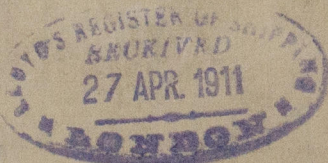
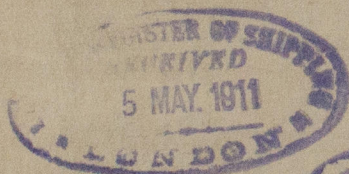
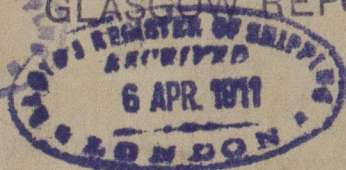
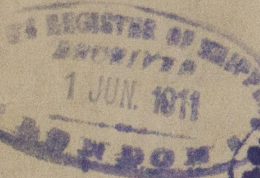
	HOLDS	ENG. SPACE	SOILER SPACE	FOR 25 LCM	BEAMS
FRAMES SPACED	34 ✓	34 ✓	34 ✓	27 ✓	24 ✓
MAIN FRAMES	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60	1 Reelton 1 1/2" 11 1/2" 50 1/2" 44 1/2"	10 1/4" 31 1/2" 60
BILGE FRAMES	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60	10 1/4" 31 1/2" 60
ALTERNATE POOP & BRIDGE FRAMES (NOT SCAKED)				4" 31" 40 ✓	
				5" 31" 42 ✓	
ALL SA FRAMES CARRIED TO UPPER & COLL DECK AND EVERY END TO POOP DECK					
FRAMES IN BET BEAM DOUBLED TO MAIN DECK WITH 35" 36" 38"					

At Stephen Sours
Midship Section

N^o 448 $\frac{3}{4}$ s

of Mascara

GLASGOW REPORT No. 31197.



© 2020

Lloyd's Register

W849-0069