

# S.S. "DRAKE".

## MIDSHIP SECTION.

DIMENSIONS: 245'-9" B.P. x 38'-0" B.M. x 17'-0" D.M. TO UPPER DK. 24'-9" TO SHELTER DK.

TO CLASS 100 A.I. LLOYD'S SHELTER DECK.

SCALE 1/2 INCH = 1 FOOT.

### LLOYD'S NUMERALS.

TRANSVERSE NO. 55  
LONGITUDINAL NO. 13516  
1/2 TO UPPER DECK 14-45  
1/2 TO SHELTER DECK 9-92  
WHERE NO LOWER DK. FITTED 14-34  
WHERE LOWER DK. FITTED 7-76

### EQUIPMENT NUMBER.

L x (B + D) 13516  
SHELTER DECK 245-75 x 7-75 1428  
BRIDGE DECK 70-92 x 7-5 x 7-5 400  
CASING ON BRIDGE DK. 36-4 x 7-5 x 5 136  
STEERING, GEAR HOUSE 23-6 x 7-25 x 5 86  
EQUIPMENT NO. = 15566

### EQUIPMENT.

3 BOWER ANCHORS EACH 3 3/4 CWT. STOCKLESS  
1 STREAM ANCHOR 4 1/4 CWT. EX. STOCK  
1 KEDGE ANCHOR 4 3/4 CWT. EX. STOCK  
240 FATHOMS 1 1/16" STUD CHAIN CABLE  
75 FATHOMS 1 1/16" STREAM CHAIN  
90 FATHOMS 3/16" STEEL WIRE TOWLINE  
2 EACH 90 FATHOMS 2 1/2" STEEL WIRE HAWSERS ON REELS  
2 EACH 90 FATHOMS 6" MANILLA HAWSERS  
2 EACH 90 FATHOMS 5" MANILLA WARPS

### OWNERS' ADDITIONS.

THE SCANTLINGS INDICATED INCLUDE THE FOLLOWING ADDITIONS REQUIRED BY OWNERS:-  
THICKNESS OF FRAMES + REVERSE FRAMES IN DOUBLE BOTTOM + FRAMES IN CROSS  
BUNKER TO BE 20% IN EXCESS OF LLOYD'S REQUIREMENTS EXCEPT IN E + B SPACES.  
THICKNESS OF FRAMES, REVERSE FRAMES + CONNECTING ANGLES IN DOUBLE BOTTOM  
IN E + B SPACES TO BE 15% IN EXCESS OF LLOYD'S REQUIREMENTS.  
THICKNESS OF FLOORS, INTERCOSTALS + CONNECTIONS TO BE 15% IN EXCESS OF  
LLOYD'S REQUIREMENTS EXCEPT IN E + B SPACES.  
THICKNESS OF FLOORS + INTERCOSTALS IN E + B SPACES TO BE 1/4" THICKER THAN  
LLOYD'S REQUIREMENTS FOR HOLD.  
FRAMES ALL TO BE OF BOLD ANGLE SECTION EXCEPT IN PEAKS.  
TANK TOP TO BE 1/16" THICK UNDER BOILERS.

### RIVETING.

	END CONNECTIONS.	
	FOR 1/2 LEN. $\frac{3}{4}$	AT ENDS
KEEL	QUADRUPLE RIVETED STRAPS	TREBLE RIVETED STRAPS
SHELTER DECK SHEERSTRAKE	TREBLE RIVETED OVERLAPS	DOUBLE RIVETED OVERLAPS
STRAKE BELOW SHELTER DK SHEERSTRAKE	" " " "	" " " "
UPPER DECK SHEERSTRAKE	" " " "	" " " "
OUTSIDE PLATING FROM KEEL TO UPPER TURN OF BILGE	" " " "	" " " "
OUTSIDE PLATING FROM UPPER TURN OF BILGE TO UPPER DECK SHEERSTRAKE	" " " "	" " " "
SHELTER DECK STRINGER	" " " "	DOUBLE RIVETED OVERLAPS
SHELTER DECK PLATING	DOUBLE RIVETED OVERLAPS	SINGLE " "
UPPER DECK STRINGER	" " " "	DOUBLE " "
UPPER DECK PLATING	SINGLE RIVETED OVERLAPS	SINGLE " "
LOWER DECK STRINGER	DOUBLE RIVETED OVERLAPS	DOUBLE " "
LOWER DECK PLATING	SINGLE " "	SINGLE " "
CENTRE GIRDER	TREBLE " "	DOUBLE RIVETED OVERLAPS
MARGIN PLATE	DOUBLE " "	DOUBLE RIVETED OVERLAPS
TANK TOP MIDDLE LINE STRAKE	" " " "	" " " "
TANK TOP PLATING	" " " "	SINGLE " "
BOSS PLATES	" " " "	TREBLE " "

### EDGE CONNECTIONS.

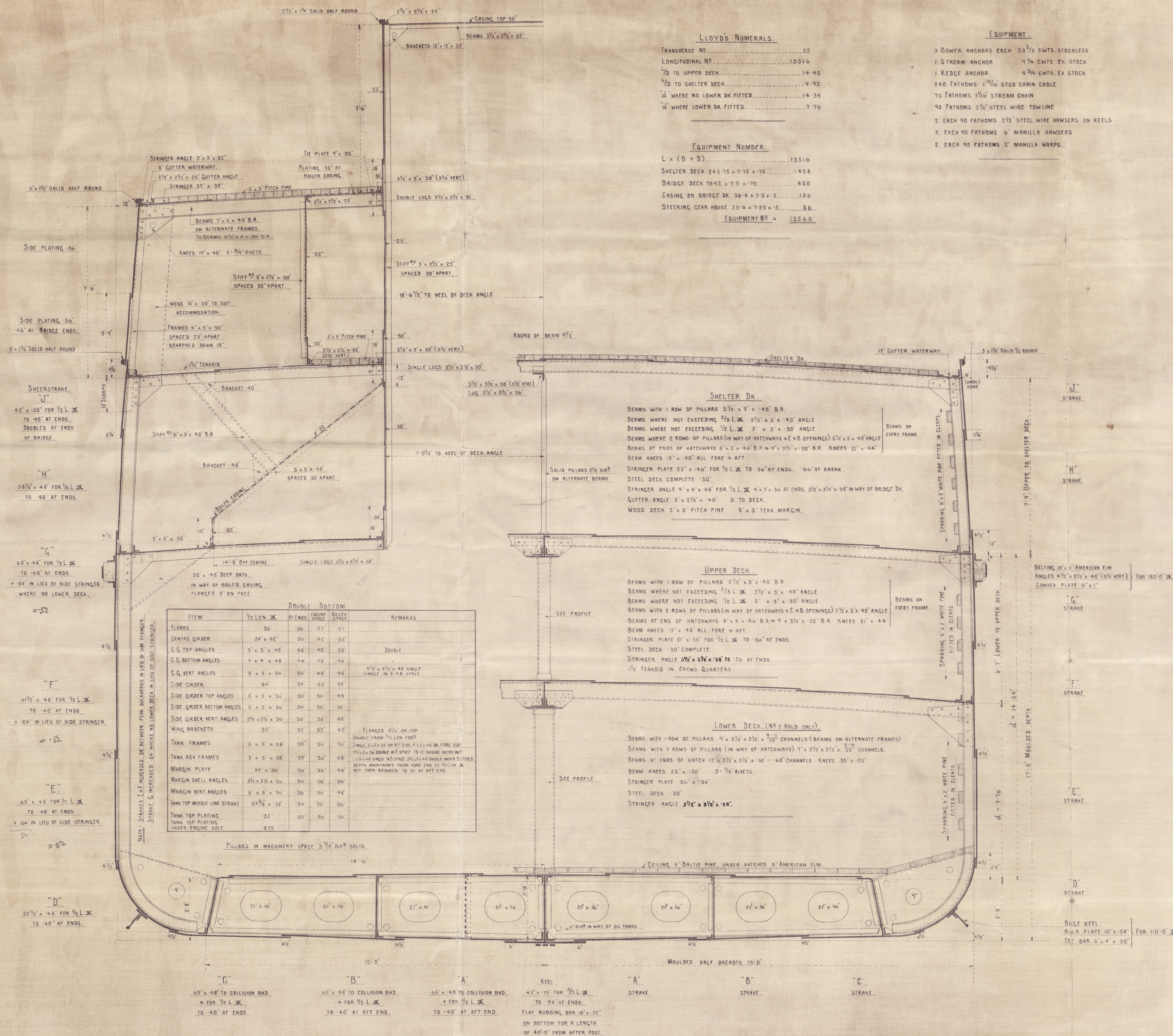
KEEL LANDING DOUBLE RIVETED ALL FORE AND AFT.  
SHELTER DECK SHEERSTRAKE, STRAKE BELOW SHELTER DECK SHEERSTRAKE AND UPPER DECK SHEERSTRAKE  
LANDINGS DOUBLE RIVETED ALL FORE AND AFT.  
EDGES OF OUTSIDE PLATING FROM KEEL TO UPPER TURN OF BILGE DOUBLE RIVETED ALL FORE + AFT.  
EDGES OF OUTSIDE PLATING FROM UPPER TURN OF BILGE TO UPPER DECK SHEERSTRAKE  
DOUBLE RIVETED ALL FORE AND AFT.  
EDGES OF ALL DECK STRINGERS + DECK PLATING SINGLE RIVETED ALL FORE + AFT.  
EDGES OF MIDDLE LINE STRAKE OF TANK TOP PLATING SINGLE RIVETED, DOUBLE RIVETED  
IN WAY OF ENGINE SOLE.  
EDGES OF TANK TOP PLATING SINGLE RIVETED, DOUBLE IN WAY OF ENGINE SOLE.  
SPACING AND SIZE OF RIVETS AS PER TABLE 19 + 20.

### SIDE FRAMING.

FRAMES SPACED 23" APART ALL FORE AND AFT.  
FRAMES IN PEAKS 5 1/2" x 3" x 40" ANGLE.  
FRAMES WHERE LOWER DECK FITTED 5 1/2" x 3" x 40" B.A.  
FRAMES WHERE NO LOWER DECK FITTED 7" x 3" x 42" B.A.  
FRAMES IN COAL BUNKER 7" x 3" x 50" B.A.  
FRAMES ALL TO EXTEND TO SHELTER DECK STRINGER PLATE  
FLOORS IN PEAKS - 32" FLANGED 3" ON TOP.

### FORGINGS.

STEM 7 1/2" x 2 1/4" TAPERING TO 5 3/8" x 2 1/4" AT HEAD.  
PROPELLER POST 7 1/2" x 5 1/4"  
RUDDER POST 6 3/4" x 5 1/4"  
RUDDER STOCK 7 1/4" DIA.  
PROPELLER BOSS PLATES - 52."



Ailsa Co<sup>l</sup> W-373

"Drake"

Midship Section  
(as built.)

Glasgow Report No. 41735.



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Lloyd's Register  
Foundation

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