

T.S.M.Y. No 337.

340 TONS Y.M.

TO CLASS + 100 A.I.T LLOYDS.

# STRUCTURAL SECTIONS.

SCALE  $\frac{3}{4}$ " = 1 FT.

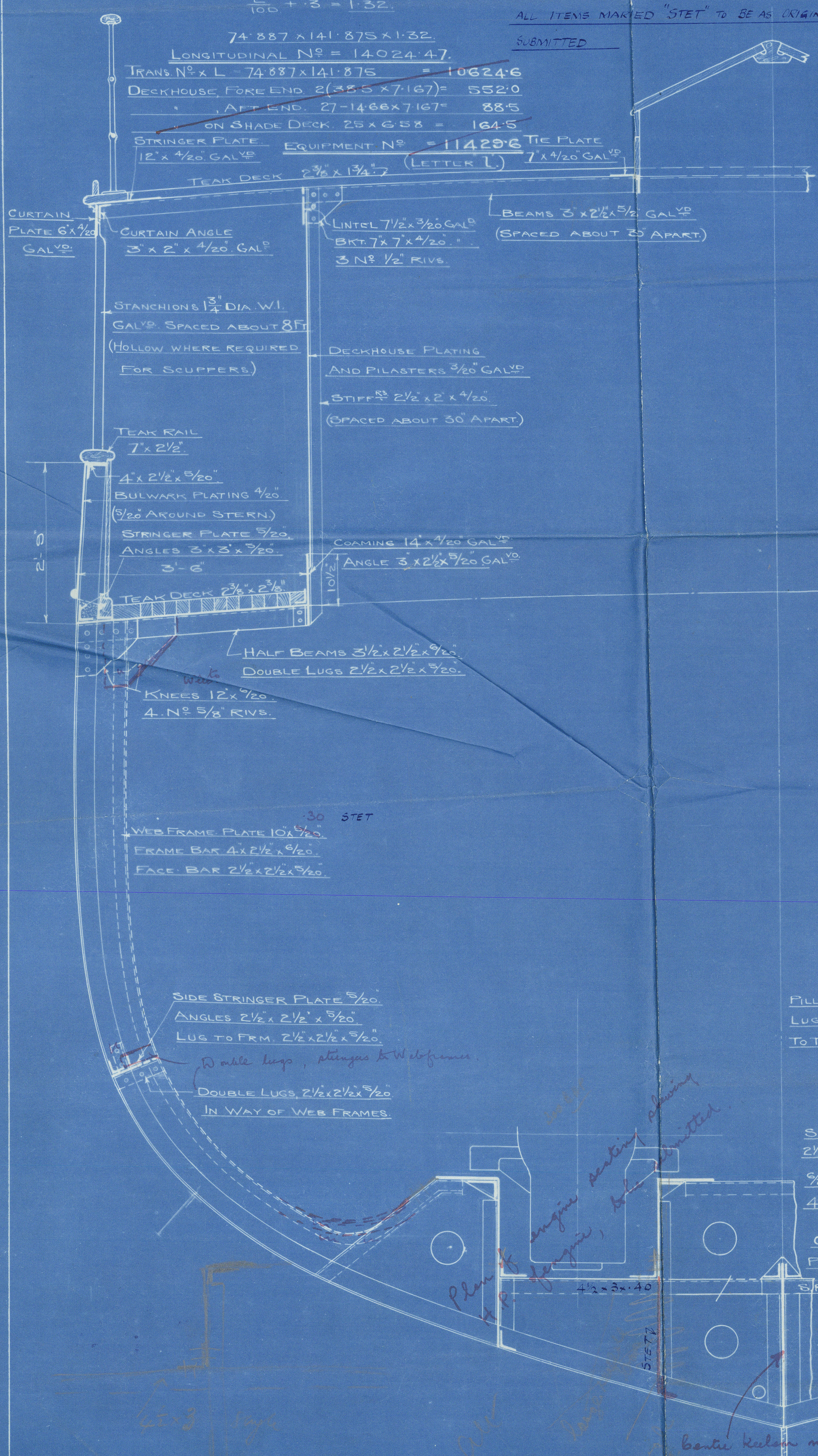
## LLOYDS NUMERALS.

$\frac{1}{2}$  BREADTH MLE = 11.942  
DEPTH = 13.875  
 $\frac{1}{2}$  GIRTH = 20.950  
2 RIGID DIAGONAL = 28.120  
TRANSVERSE No = 74.887  
LLOYDS LENGTH AT 150 = 141.875  
150 + 3 = 132.

See also Lloyd's letter dated 7/1/1925.

MODIFIED IN BLUE ACCORDANCE WITH ABOVE LETTER.

ALL ITEMS MARKED "STET" TO BE AS ORIGINALLY SUBMITTED.



## PRINCIPAL DIMENSIONS.

LENGTH O.A.	143' 0"
" B.P.	135' 0"
" W.L.	139' 0"
BREADTH EXTREME	24' 0"
" MOULDED	23' 10"
DEPTH	13' 4 1/2"
DRAFT	7' 1"
" AFT	10' 0"
" MEAN	8' 6 1/2"

## SCHEME OF RIVETING.

PART OF STRUCTURE	WIDTH OF CONNECTION	DIA. OF RIVET	PITCH OF RIVETS	NO. OF RIVETS	REMARKS
KEEL STEEL TO SHELL		1"	5"	5	ZIG-ZAG
RUDDER SIDE PLATES TO FRAME		5/8"	5"	3 1/2"	DR
FRAMES TO SHELL		5/8"	7"	4 1/2"	
" FLOORS & REVERSE FRMS		1/2"	7"	3 1/2"	
" SIDE SUPERSTRUCTURE		1/2"	7"	3 1/2"	
REVERSE FRAMES TO FLOORS		5/8"	7"	4 1/2"	
" TO CENTRE KEELSON		1/2"	7"	3 1/2"	
CENTRE KEELSON, CENT. BARS		1/2"	7"	4 1/2"	2 RIVETS
UPPER DECK BEAM KNEES		3/4"	7"	4 1/2"	4 RVS IN EACH ARM
CABIN SOLE		5/8"	7"	4 1/2"	
UPPER DECK STRINGER TO SHELL		1/2"	7"	3 1/2"	
ANGLES		1/2"	7"	3 1/2"	
CABIN SOLE STRINGER TO SHELL		1/2"	7"	3 1/2"	MINIMUM 4 RVS IN EACH FLANGE OF SHELL BAR
UPPER DECK STRINGER TO SHELL		1/2"	7"	3 1/2"	
STRINGER		1/2"	7"	3 1/2"	
PLATE BUTTS		1/2"	7"	3 1/2"	DR
AND TIES		1/2"	7"	3 1/2"	DR
CABIN SOLE (TO BEAMS)		1/2"	7"	3 1/2"	DR
STRINGER PLATE BUTTS (LAPPED)		1/2"	7"	3 1/2"	DR
WEB (PLATE BUTTS LAPPED)		1/2"	7"	3 1/2"	DR
FRAMES TO DECK & FACE BAR		1/2"	7"	3 1/2"	DR
BILGE PLATE BUTTS		1/2"	7"	3 1/2"	DR
KEEL TO TEE BAR		1/2"	7"	3 1/2"	DR
TEE BAR TO SHELL		1/2"	7"	3 1/2"	DR
WT. BULKHEAD TO SHELL		1/2"	7"	3 1/2"	DR
FRAMES TO SHELL		1/2"	7"	3 1/2"	DR
WT. BULKHEAD EDGE LAPS		1/2"	7"	3 1/2"	DR
PLATING TO SHELL		1/2"	7"	3 1/2"	DR
FW TANK PLATING TO BEAMS		1/2"	7"	3 1/2"	DR
TOP		1/2"	7"	3 1/2"	DR
TANK MARGIN TO SHELL		1/2"	7"	3 1/2"	DR
ANGLE (TO TANK TOP)		1/2"	7"	3 1/2"	DR
SHELL (EDGES LAPPED)		1/2"	7"	3 1/2"	DR
PLATING (EDGES STRAPPED)		1/2"	7"	3 1/2"	DR
BUTTS (STRAPPED)		1/2"	7"	3 1/2"	DR
BULWARK LAP TO SHEERSTRAKE		1/2"	7"	3 1/2"	DR
PLATING TO RAIL ANGLE		1/2"	7"	3 1/2"	DR
DECK BAR TO COAMING		1/2"	7"	3 1/2"	DR
DECKHOUSE COAMING & LINTEL BUTTS		1/2"	7"	3 1/2"	DR
PLATING BUTTS		1/2"	7"	3 1/2"	DR
SHADE DECK PLATE BUTTS		1/2"	7"	3 1/2"	DR
EDGE STRINGER TO SHELL		1/2"	7"	3 1/2"	DR
ANGLES TO PLATE		1/2"	7"	3 1/2"	DR
SUPERSTRUCTURE EDGES (LAPPED)		1/2"	7"	3 1/2"	DR
PLATING BUTTS (STRAPPED)		1/2"	7"	3 1/2"	DR
SHADE DECK STRINGER PLATE BUTTS		1/2"	7"	3 1/2"	DR
CURTAIN TO SUPERSTRUCTURE		1/2"	7"	3 1/2"	DR
ANGLE " CLEAR "		1/2"	7"	3 1/2"	DR

Head point of Oil Fuel above 150 Feh.

END OILTIGHT BULKHEADS, PLATING 1/2" DR. EDGE LAPS.

D.R. BUTT LAPS; BOUNDARY BARS 4 1/2" x 4 1/2" x 1/2" D.R.

STIFF 4" x 2 1/2" x 1/2" SPACED 22" APART.

SINGLE RIVETED WORK IN INTERNAL DIVISIONAL BHS.

CABIN SOLE

TANK TOP

BEAMS 4" x 3" x 1/2"

ON EVERY FRAME

2 1/2" x 2 1/2" x 1/2" D.R.

STIFF 4" x 2 1/2" x 1/2" ON EVERY BEAM

FLOORS 5/16"

FLANGED 2 1/2"

SINGLE LIMBER 2 1/2" DIA

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

2 1/2" x 2 1/2" x 1/2" D.R.

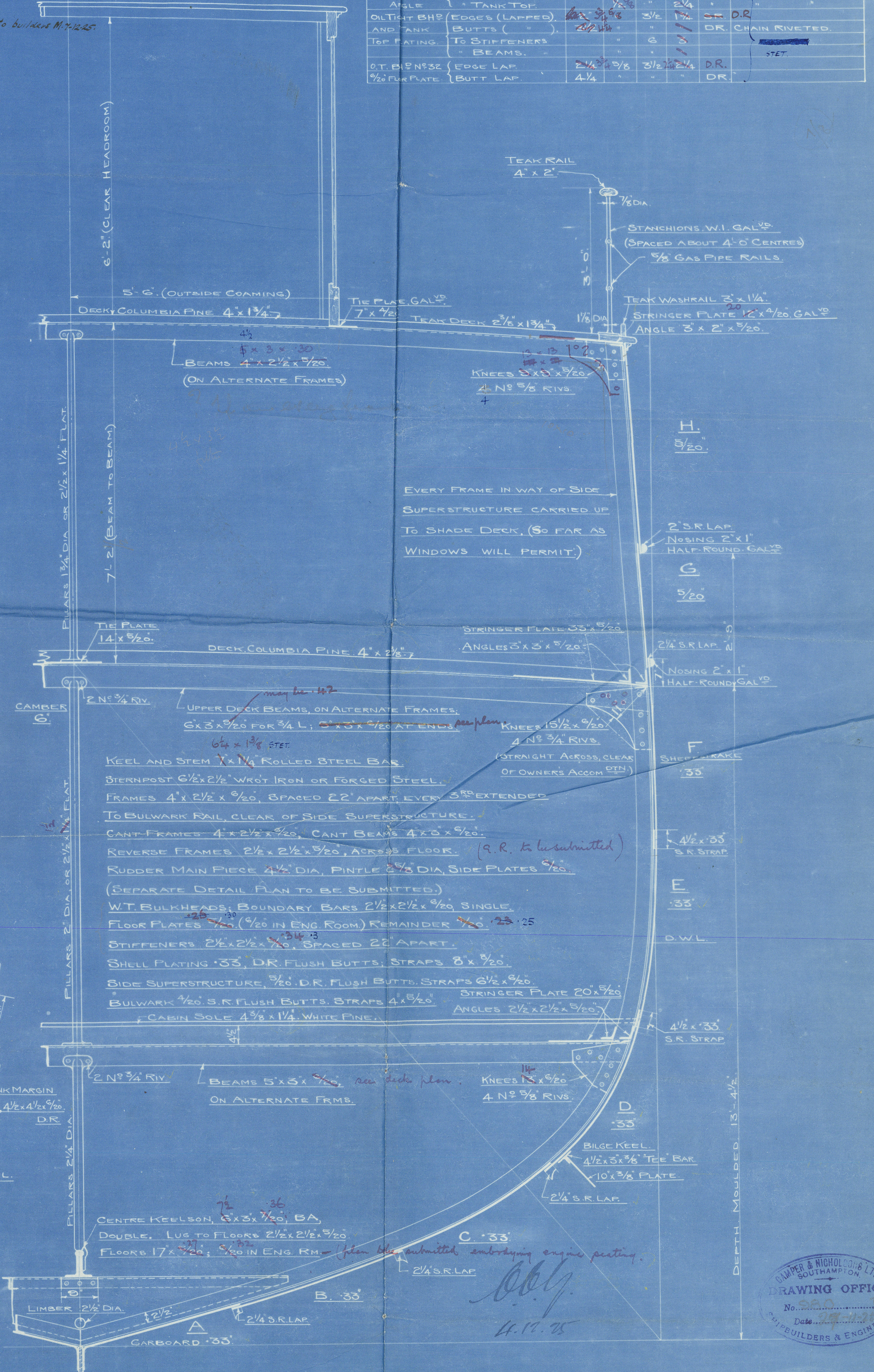
2 1/2" x 2 1/2" x 1/2" D.R.

## EQUIPMENT.

1ST BOWER ANCHOR	6 1/2 CWT. EX STOCK GALV.
2ND " "	5 3/4 " "
STREAM ANCHOR	2 " "
KEDGE	may be omitted 5/4 " "
150 FTM. 1/2" DIA. STUD LINK CHAIN CABLE GALV.	
45 " 1/2" " " " STREAM CHAIN	
75 " 7" HAWSER	
75 " 4 1/2" WARP	

## RIVETING IN WAY OF OIL FUEL TANKS.

PART OF STRUCTURE	WIDTH OF CONNECTION	DIA. OF RIVET	PITCH OF RIVETS	NO. OF RIVETS	REMARKS
GARE (2RS TO KEEL)		1"	5"	5	DR
SHELL (EDGES LAPPED)		5/8"	7"	4 1/2"	DR
PLATING BUTTS (STRAPPED)		5/8"	7"	4 1/2"	DR
FRAMES TO SHELL		5/8"	7"	4 1/2"	DR
" FLOORS		1/2"	7"	3 1/2"	DR
OILTIGHT TO SHELL		5/8"	7"	4 1/2"	DR
BULKHEAD TO SHELL		5/8"	7"	4 1/2"	DR
BOUNDARY BARS		5/8"	7"	4 1/2"	DR
TANK MARGIN TO SHELL		5/8"	7"	4 1/2"	DR
ANGLE " TANK TOP		5/8"	7"	4 1/2"	DR
OILTIGHT BHS (EDGES LAPPED)		5/8"	7"	4 1/2"	DR
AND TANK BUTTS ( " )		5/8"	7"	4 1/2"	DR
TOP PLATING TO STIFFENERS		5/8"	7"	4 1/2"	DR
" BEAMS		5/8"	7"	4 1/2"	DR
OT. BHS (EDGE LAP)		5/8"	7"	4 1/2"	DR
1/2" PLATE BUTT LAP		5/8"	7"	4 1/2"	DR



CLIPPER & NICHOLSON LTD.  
DRAWING OFFICE  
SOUTHAMPTON  
Date: 4.11.25  
SUPERBUILDERS & ENGINEERS

Lloyd's Register  
Foundation



M. Y. VITA.  
Messrs Combs Nicholson.  
Southampton.

Yard No 337

Mid. Section. of  
Y. S. Yacht.

Southampton Report.  
N<sup>o</sup> 12559.

now named.

"Alastor"

T. S. M. Y. W. S.

W307-0195



© 2019

Lloyd's Register  
Foundation