

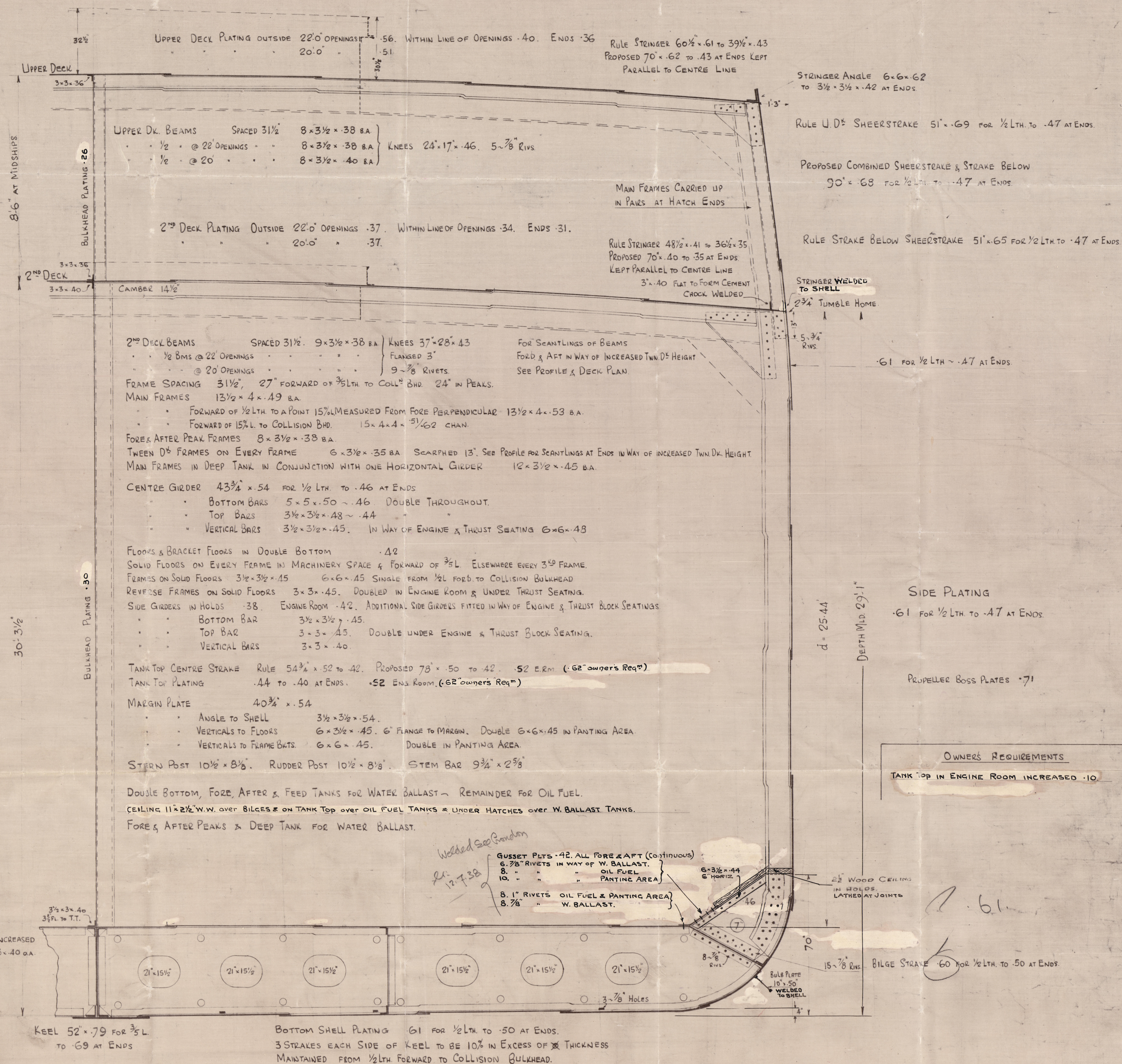
MIDSHIP SECTION.

COMPLETE SUPERSTRUCTURE VESSEL

LENGTH B.P. (LWL) 420'-9". BREADTH MLD. 57'-5½". DEPTH MLD. 29'-1"

CLASS :- LLOYDS 100. A.I. "WITH FREEBOARD."

SCALE $\frac{1}{2}'' = 1$ FOOT.



NUMERALS.

DEPTH FOR SCANTLINGS $D = 29.08 + 8.0 = 37.08$

$L \times D = \overset{\text{ALLOWED LENGTH}}{417.0} \times 37.08 = 15463$

$L(8+D) = 417.0 (57.45 + 37.08) = 39420$

$L/b \text{ (UPPER)} = \frac{42075}{37.58} = 11.196$

DEPTH $d = 25.44$

EQUIPMENT NUMERAL

L(B+D)	417.0 (57.45+37.58)	=	396.85
MIDSHIP DECKHOUSE	76.5' x 8.25' x .50	=	315
FORECASTLE	35.4' x 7.5' x .75	=	199.12
			40199

EQUIPMENT (LETTER at)

3 BOWERS ANCHORS, STOCKLESS, COLLECTIVE Wt. 194 1/2 CWTs.
1 STREAM ANCHOR, EX. STOCK 19 "
270 FATHOMS 2 9/16" STD. LINK CABLE. 720 3/4 "
90 " 5' ~ 1/2 S.W.R. STREAM LINE.
120 " 4 3/4" ~ 1/2 " TOWLINE.
2 @ 90 " 2 3/4" ~ 1/2 " HAWSEERS.
2 @ 90 " 2 1/2" ~ 1/2 " WAKERS.

NOTE: ALL CHANNELS AND BULB ANGLES

TO NEW BRITISH STANDARD SECTION.

TANK DIVISION FLOOR PLATES INCREASED
TO .08 & VERTICAL STIFFERS, 5x3x.40 O.A.
SPACED 30" APART.

KEEL 52" x .79 FOR $\frac{3}{5}L$
TO .69 AT ENDS

BOTTOM SHELL PLATING .61 FOR $\frac{1}{2}$ LTH. TO .50 AT ENDS.
3 STRAKES EACH SIDE OF KEEL TO BE 10% IN EXCESS OF ~~X~~ THICKNESS
MAINTAINED FROM $\frac{1}{2}$ LTH. FORWARD TO COLLISION BULKHEAD.

INTERMEDIATE FLOOR WITH CHANNEL STRUTS.



Isorford's 649.

Midship Section

Harrogate Court
SUNDERLAND RPT. NO. 32612



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Foundation

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