

SS. "HOLLAND".

SHELTERDECK STEAMER No 121.

MIDSHIP SECTION.

TO LLOYDS CLASS 100 A1. WITH FREEBOARD. *for a draught not exceeding that contemplated by the Rules for a Complete Submersible Vessel.*

SCALE $\frac{1}{2}'' = 1'-0''$

NUMERALS.

LENGTH OVERALL = 220'-
 $L = 220 \times 0.96 = 211.2$
 $L \times D = 211.2 \times 20.167 = 4259$
 $L \times (B+D) = 211.2 \times (33.25 + 20.167) = 11281$
 $\frac{L}{D} = \frac{211.2}{20.167} = 10.42$
 $d = 13.375 - 2.552 = 10.82$

STEM $6\frac{3}{4}'' \times 1\frac{3}{4}''$
 STERNPOST $6\frac{5}{8}'' \times 4\frac{3}{4}''$
 RUDDERPOST $5\frac{1}{8}'' \times 4\frac{3}{4}''$

EQUIPMENT NUMERALS

$L \times (B+D) 211.2 (33.25 + 20.167) = 11281$
 FORECASTLE 23 x 6.25 x $\frac{3}{4}$ 107.8
 BRIDGE DECK HOUSES 6.6 x 7.25 x $\frac{3}{4}$ 358.8
 SALON DECK HOUSE 6.3 x 7.25 x $\frac{1}{2}$ 228
 EQUIPMENT NUMERALS
 3 BOWER ANCHORS 73 CWT. STOCKLESS COIL WEIGHT.
 1 STREAM ANCHOR 6" EXCL. STARK
 1 KEDGE " 3"
 210 FATHOMS $1\frac{1}{16}''$ STUD CHAIN CABLE
 STREAM STEEL WIRE 75 FTM. $\frac{3}{16}''$ CIRCUMF.
 TOWLINE 90 FTM. 10" MANILLA.
 2 x 120 FATH: 6" MANILLA AS PER OWNERS
 4 x 120 " 2" STEEL WIRE REQUIREMENTS

EQUIPMENT

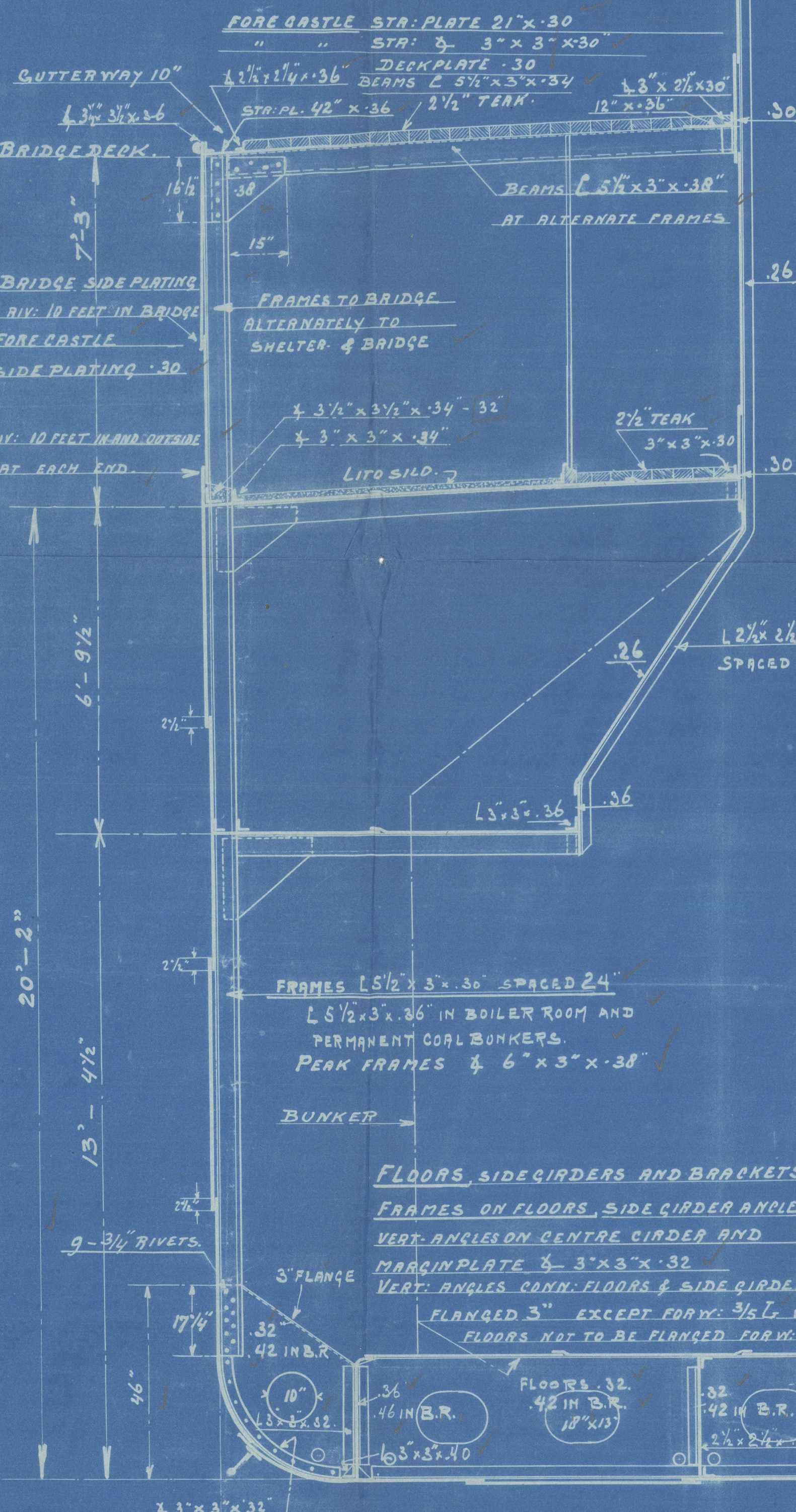
HATCHES

SIDE AND END COAMINGS 44
 WEBS 14" x 30
 LOWER DECK WEBS 11" x 30
 4 ANGLES 8" x 3" x 40

WATERTIGHT BULKHEADS

PLATING 20-26 INCREASED AS PER RULE
 STIFFENERS 4 5" x 3" x 34 INCREASED
 SPACERS OF STIFFENERS 30" 24" TO COLLISION BULKHEAD.
 BOUNDARY BARS 3" x 3" x 38 TO SHELL & D-BOTTOM FOR MIDSHIP BULKHEADS.
 3" x 3" x 36 TO DECK

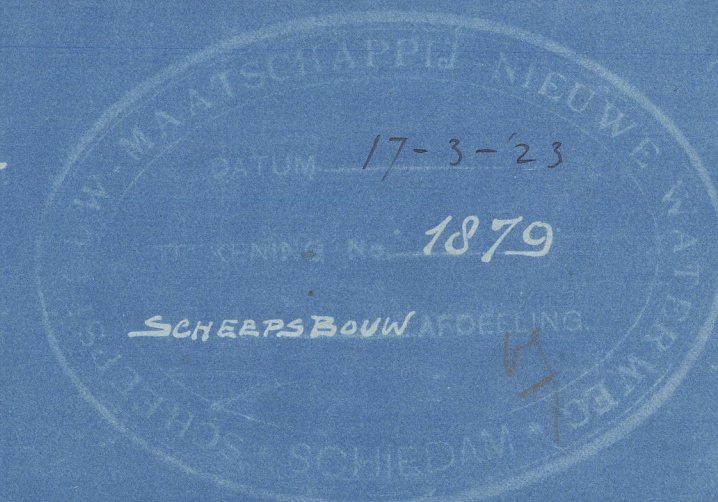
DIMENSIONS.
 LENGTH BETWEEN RP 210'-0"
 BREADTH MOULDED 33'-3"
 DEPTH TO SHELTERDECK 20'-2"
 " MAIN DECK 13'-4"
 ROUND OF BEAM 8"
 FRAME SPACING 24" FOR WHOLE LENGTH.



NOTE -

FOR UNDER BEAM GIRDERS & PILLARS SEE SEPARATE SKETCH.

RIVETING		
END LAPS	FOR 1/2 L MIDSH.	AT ENDS
SHEER STRAKE	3 x 3/4 RIV.	2 x 3/4 RIV.
STRAKE BELOW SHEER STRAKE	3 x 3/4 "	2 x 3/4 "
SHELTERDECK STRINGER PLATE	2 x 5/8 "	2 x 5/8 "
SHELL FR. KEEL TO UPPER TURN OF BILGE	3 x 3/4 "	2 x 3/4 "
CENTRE GIRDER	3 x 3/4 "	3 x 3/4 "
KEEL PLATES	3 x 3/4 "	2 x 3/4 "
SHELL D & E STRAKE	2 x 3/4 "	2 x 3/4 "
2ND DECK STRINGER PL.	2 x 5/8 "	2 x 5/8 "
MARGIN PLATE	2 x 5/8 "	2 x 5/8 "
TANKTOP MIDDLE LINE STRAKE	2 x 3/4 "	2 x 3/4 "
DECK PLATING (SHELTER & 2ND DECK)	2 x 5/8 "	1 x 5/8 "
TANKTOP OTHER STRAKE	2 x 5/8 "	1 x 5/8 "
EDGE LAPS		
SHELL FROM KEEL TO UPPER TURN OF BILGE	2 x 3/4 "	2 x 3/4 "
" " UPPER TURN OF BILGE UPWARDS	1 x 3/4 "	1 x 3/4 "
DECK PLATING INCL. STRINGER	1 x 3/4 "	1 x 5/8 "
TANKTOP	1 x 5/8 "	1 x 5/8 "



Messrs The New Waterway Co
Yard No 121.

Midship ^{Section} Section

Gen Box No 26.

G. Holland

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Lloyd's Register
Foundation

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