

M. S. N° 646

SCALE $\frac{1}{4}" = 1'-0"$ $\frac{1}{2}" = 1'-0"$

CLASS LLOYDS REGISTER +100.A.I.

| EQUIPMENT NUMBER. | |
|-------------------------------|---------|
| L x [B + D] | 5088 |
| FORECASTLE 0.75 x 16.34 x 6.5 | 99.66 |
| R.D. DECK 51.46 x 3.5 | 181.86 |
| POOP 0.75 x 37.25 x 7 | 195.56 |
| CASING ETC. | 85.17 |
| | 5630.25 |

3 BOWER STAINLESS ANCHORS 9 CTM. EACH INCL. SPARE REQUIRED BY OWNERS
1 STEAM ANCHOR EXCL. STOCK 3 CTM.
165 FATHOM STU. CHAIN CABLE 1"
45 FATHOM STEEL WIRE 2 1/2"
75 FATHOM STEEL WIRE 2 1/2"
90 FATHOM STEEL WIRE 2"

PRINCIPAL DIMENSIONS

| | |
|--------------------------------------|---------|
| LENGTH BETWEEN P.P. | 137' 0" |
| LENGTH INCLUDING CRUISERSTERN | 143' 3" |
| RULE LENGTH 146 x 143 | 137.52 |
| BREADTH MOULDED | 25' 6" |
| DEPTH TO UPPERDECK | 11' 6" |
| HEIGHT OF RAISED QUATER DECK | 3' 6" |
| HEIGHT OF FORECASTLE ABOVE UPPERDECK | 6' 6" |
| HEIGHT OF POOPDECK ABOVE UPPERDECK | 7' 0" |

LLOYDS NUMERALS

| | |
|--------------------------------------|-------|
| L x D = 137.52 x 11.5 | 1581 |
| L x [B + D] = 137.52 x [25.6 + 11.5] | 5088 |
| D = 11.5 | |
| B = 137.52 : 11.5 = FOR UPPERDECK | 11.98 |
| B = 137.52 : 15 = FOR R.D. DECK | 9.16 |
| B = 11.5 - 2.5 = FOR UPPERDECK | 9. |
| d R.P.D. = 12.5 | |
| d L = 9.9 | |
| d PAINTING = 12.3 | |

W.T. BULKHEADS

SEAMS: SINGLE RIV. 5/8" RIVETS, SPACED 4 1/2".
BOUNDARY BARS: PLAIN TO BULKHEAD 5/8" RIV. SPACED 4 1/2".
L & P SHELL 5/8" RIV. SPACED 5 0".
STIFFENERS: 5/8" RIVETS, SPACED 6 0".

O.T. BULKHEADS

SEAMS: DOUBLE RIV. 5/8" RIVETS, SPACED 3 1/2".
BOUNDARY BARS: 2 1/2" x 2 1/2" RIV. 5/8" RIVETS
S.O. IN EACH RIV.
STIFFENERS: 5/8" RIVETS, SPACED 6 0".

BOTTOM STRENGTHENING FORWARD

BEAMS 30 x 65 x 8 NO. 7 1/2
CHORDS & RIV. TO STAY SATISFACTORY
MAX. UNSUPPORTED SPAN 8' 0".

WATERBALLAST

OVERFLOW 18" ABOVE
FORECASTLE DECK PLANKS

WATERBALLAST

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OVERFLOW 18" ABOVE
FORECASTLE DECK PLANKS

A. VOYK & ZONEN.

646.
~~'Briglam'~~ Livingston
MIDSHIP SECTION.
PROFILE of DECKS.
BULKHEADS.
BOTTOM FORWARD.

(No. 644 similar map)

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