

Nº 500.

TUG-COAL & WATERBOAT.

TO CLASS 100 A.I. AT LLOYDS.

"Barge for towing purposes"

EQUIPMENT.

PRINCIPAL DIMENSIONS.

LENGTH OVER ALL	-- 105'-0"	-- 32.00 M.
LENGTH BETW PP (L)	-- 100'-0"	-- 30.48 M.
BREADTH MLD (B)	-- 24'-0"	-- 7.32 M.
DEPTH MLD (D)	-- 7'-6"	-- 2.286 M.

FIRST LONGITUDINAL NUMBER 750.
SECOND " " 3150.

$\frac{1}{b} = 13.3.$ $d = 6'-6"$

$125 \times 75 \times 87 - 5' \times 5 \times 32 \text{ BR}$

PARTICULARS.

STEM 125x45% □ 5"x1 3/4" ✓
STERN FRAME 125x50% □ 5"x2" } FOR DETAILS SEE
RUDDERHEAD 90% □ 3/2" } SEPARATE PLAN

REVERSE FRAMES $65 \times 65 = 7\frac{1}{2} \times 2\frac{1}{2} \times 2\frac{1}{2} \times .30"$
IN ENGINE & BOILER SPACE
SINGLE L $90 \times 90 \times 9\frac{1}{2}$ $3\frac{1}{2} \times 3\frac{1}{2} \times .36"$

CENTRE KEEL SON INTERCOST 7 1/2" x 34" 144 BS
ON TOP 125 x 65 x 8 1/2" JL 5 1/2" x 34" 144 BS

SIDE KEELSON INTERCOST.	7 1/2" x .30"	38 B3
" " ON TOP	125 x 65 x 8 7/8" L	5" x 2 1/2" x .34"
" " TO SHELL	65 x 65 x 7 1/2" L	2 1/2" x 2 1/2" x .30"

KEEL SOHS NOT CONNECTED TO FLOORS.

SIDE STRINGER ONLY IN FORE PEAK 150x75x8 1/2 L 6"x3"x.34"
WITH LUGS 75x75x8 1/2 L 3"x3"x.34" AT FRAMES.

SHEER STRAKE $1100Z \times 10Z$ $43\frac{1}{4} \times .40$
 FLAT KEEL PLATE $1100 \times 10Z - 7\frac{1}{2}Z$ $\frac{1}{16}$ $43\frac{1}{4} \times .40 - .20$ $\frac{1}{16}$
 REMAINDER OF SHELL $7\frac{1}{2}Z$ $.30$

4/4 Hrs beams $4\frac{1}{2} \times 2\frac{1}{2} \times .34$ Knees $18\frac{1}{2} \times .32$
 1/2 BEAMS $100 \times 75 \times 8\frac{1}{2}$ Z L $4 \times 3 \times 2\frac{1}{2}$ KNEES $270 \times 270 \times 8\frac{1}{2}$
 BEAMS UNDER WINCHES (FR 39-45) $125 \times 75 \times 10\frac{1}{2}$ $5 \times 3 \times .40$ KN. $380 \times 380 \times 10\frac{1}{2}$

DECK STRINGER PLATE	1580 x 9 1/2"	62 1/2 x 38."
"	"	"
"	AFT. 1440 x 8"	36 1/2 x 32."
"	"	"
"	ANGLE 75 x 75 x 8 1/2"	24 3/4 x 34"
REMAINDER OF DECK PLATING	7 1/2"	30"
WOOD CEILING IN CREWSPACE, COAL HOLD &		
BUNKER 27"	65 1/2"	W.P.

FOR BULK HEADS SEE LONGITUDINAL PLAN

RIVETING.

SHELL PLATING ALL FORE & AFTER $\frac{5}{8}$ " RIVETS.
ALL SEAMS DOUBLE RIV. 95% - 3/4" ✓
 ✓ 9 RIV. BETW. FRAMES IN EACH ROW.
ALL END LAPS DOUBLE RIV. 108% - 4/4" RIV SPACED 3/4" ✓

ALL THE INSIDE WORK 5/8" RIV.

SEAMS OF DECK PLATING 2 1/4" 57% ROW.
7 RIVETS BETW. BEAMS. ✓
ENDLAPS OF DECK PL. RIVETS SPACED 4 d.

SECTION IN COALHOLD.

SECTION IN WATERTANK.

LOOKING FORW

SECTION IN BOILER ROOM

LOOKING AFT,

SECTION IN ENGINE ROOM

NOV. 24 TH 1925

J. MEYERS SHIPBUILDING CO.
ZALT BOMMEL. (HOLLAND)

London.

Messrs J Meyers S. B. Co
Yard No 500

Midship Section

Barge. Hauler

~~CEN. DOX NO 783~~



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