

S.S. 'PALM LEAF'.
MIDSHIP SECTION.

SCALE $\frac{1}{2}$ " = ONE FOOT.

ADDITIONAL OUTLIFT BULKHEADS.

BULKHEAD FRAMES 5'-5" x 50" SINGLE ANGLE.

- ANGLE TO DECK 5'-5" x 50" SINGLE ANGLE. 103. 28.31 x 50. 31" x 41" DOUBLE ANGLE

- TANK DECK 5'-5" x 50" SINGLE ANGLE 1 28.33 x 40" DOUBLE ANGLE

- PLATING BELOW SHELTER DN 40" x 58" 17" DECK 36"

- VERTICAL STIFFENERS. 11" x 3" x 16 1/2" 72" x 51" 46. 28 1/2" ANGINIPS

- 17" DECKS. 52" x 3" x 40" ANGLE (SINGLE).

FLOORS ON EVERY FRAME .40" to .36" BOILER SPACE .50" ENG'S .44"
TANK INTERCOSTALS .38" to .36" " .48" UNDER ENG'S .44"
FLOORS IN PEAKS .38" ✓ ✓ ✓ ✓
TRANSOM FLOOR .45" to .46" ✓

POOR

BEAMS 8" x 3" x .44" B.A. ON EVERY FRAME. ✓
 2 BEAMS 7" x 3" x .38" ✓
 BEAM KNEES 19" x .40" 5" x 5" NUTS. ✓
 STRINGER PLATE 3/4" x 3/4" BUTTS DOUBLE RIV. OVERLAPS. ✓
 * ANGLE 3/4" x 3/4" ✓
 DECK PLATING. 28 WERE SHEATHED .30 WERE NOT SHEATHED BUTTS ✓
 SINGLE RIV. OVERLAPS. ✓
 FRAMES IN POOP 5" x 3/4" x .38" NEEDED TO DECK ✓
 SIDE PLATING .38" BUTTS DOUBLE RIV. OVERLAPS. ✓

BRIDGE DECK.

- ✓ BEAMS $3\frac{1}{2} \times 3 \times 30$. ANGLE ON EVERY FRAME.
- ✓ BEAM KNEES. 16×40 . A $\frac{3}{4}$ BULTS.
- ✓ STRINGER PLATE. 39×40 . BUTTS DOUBLE RIV. OVERLAPS.
- ✓ ANGLE. $3\frac{1}{2} \times 3\frac{1}{2} \times 40$.
- ✓ DECK PLATING. 2×25 BUTTS SINGLE RIV. OVERLAPS.
- ✓ FRAMES. $5 \times 3\frac{1}{2} \times 36$. BUTTS KNEED TO SHELTER DECK.
- ✓ SIDE PLATING. 40 . DOUBLE RIV. OVERLAPS.

FORECASTLE

BEAMS 7'-3" x 38" BULO ANGLES ON EVERY FRAME
BEAM KNEES 19" x 40" 5. 3/4" RIVETS.
STRINGER PLATING 34" x 34" BUTTS DOUBLE RIV. OVERLAPS.
ANGLE 3/4" x 3/4" x 34".
DECK PLATING .25" (WOOD SHEATHED) BUTTS SINGLE RIV. OVERLAPS.
FRAMES 7'-3/4" x 48" BULO ANGLES KNEED TO SHELTER DECK.
SIDE PLATING .40" DOUBLE RIV. OVERLAP BUTTS.

HATCH FORMING (SEE PROFILE)

CLASS 100. A.I. AT LLOYDS. ✓
LENGTH B.P. 380'-0". ✓
BREADTH EXT. 51'-6". ✓
DEPTH MLD. 26'-3". ✓

LLOYDS NUMBERS.

BREATH MOULDED.	51-20	✓
DEPTH MOULDED.	26-25	✓
FRAME NUMBER.	77-45	✓
LENGTH.	380-00	✓
PLATING NUMBER.	294-31	✓
SHELTER. 360° 8' 3/4"	2280	✓
POOP. BRIDGE & P.E.S. (102-31-54) 76° 2'	701	✓
	32412	✓

DEPTHS IN LENGTH TO UPPER DK.	14.47.	✓
" " " " SHELTER DK.	11.09.	✓

EQUIPMENT NUMBER 32412.

$\approx 170\% =$

2 BOWER ANCHORS STOCKLESS EACH	56 $\frac{1}{2}$ C.WTS.	✓
1 BOWER ANCHOR STOCKLESS.	58 "	✓
1 STREAM ANCHOR EX. STOCK.	15 "	✓
1 KEDGE ANCHOR EX. STOCK.	6 $\frac{1}{2}$ "	✓
285 PATIOMS.	2 $\frac{1}{2}$ DWAR STUD CHAIN CABLE.	
105 "	4 $\frac{1}{2}$ STEEL WIRE STREAM	3% STREAM CHAIN
135 "	4 $\frac{1}{2}$ " TOWLINE.	
2 @ 110. "	7" MANILLA HANSEER.	
2 @ 90. "	7" MANILLA WARF.	

CENTRE NEELSON. $42^{\circ} \times 50^{\circ} - .40^{\circ}$ BOILER SPACE $.60^{\circ}$. ✓
BUTTS TREBLE RIVETED OVERLAPS THROUGHOUT. ✓
TOP BARS $3\frac{1}{2} \times 3\frac{1}{2} - .50^{\circ} - .48^{\circ}$ BOILER SPACE $.60^{\circ}$. ✓
BOTTOM BARS $4\frac{1}{2} \times 4\frac{1}{2} - .60^{\circ} - .56^{\circ}$. ✓
LUGS TO FLOOR DOUBLE FOR $\frac{1}{4}$ L. $3\frac{1}{2} \times 3\frac{1}{2} - .40^{\circ}$. ✓
BOILER SPACE $.50^{\circ}$ SINGLE AT ENDS. ✓

Lloyd's Register
W816-0079

Irvine S.B. & D.D. & Co.

W816-0079

S.S. No. 557

Midship Section of
vessel as built.

S.S. "PALMLEAF"

EX. "OLIPHANT"

WEST HARTLEPOOL. No. 15318.

RETAIN



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Foundation