

# Lloyd's Register of Shipping.

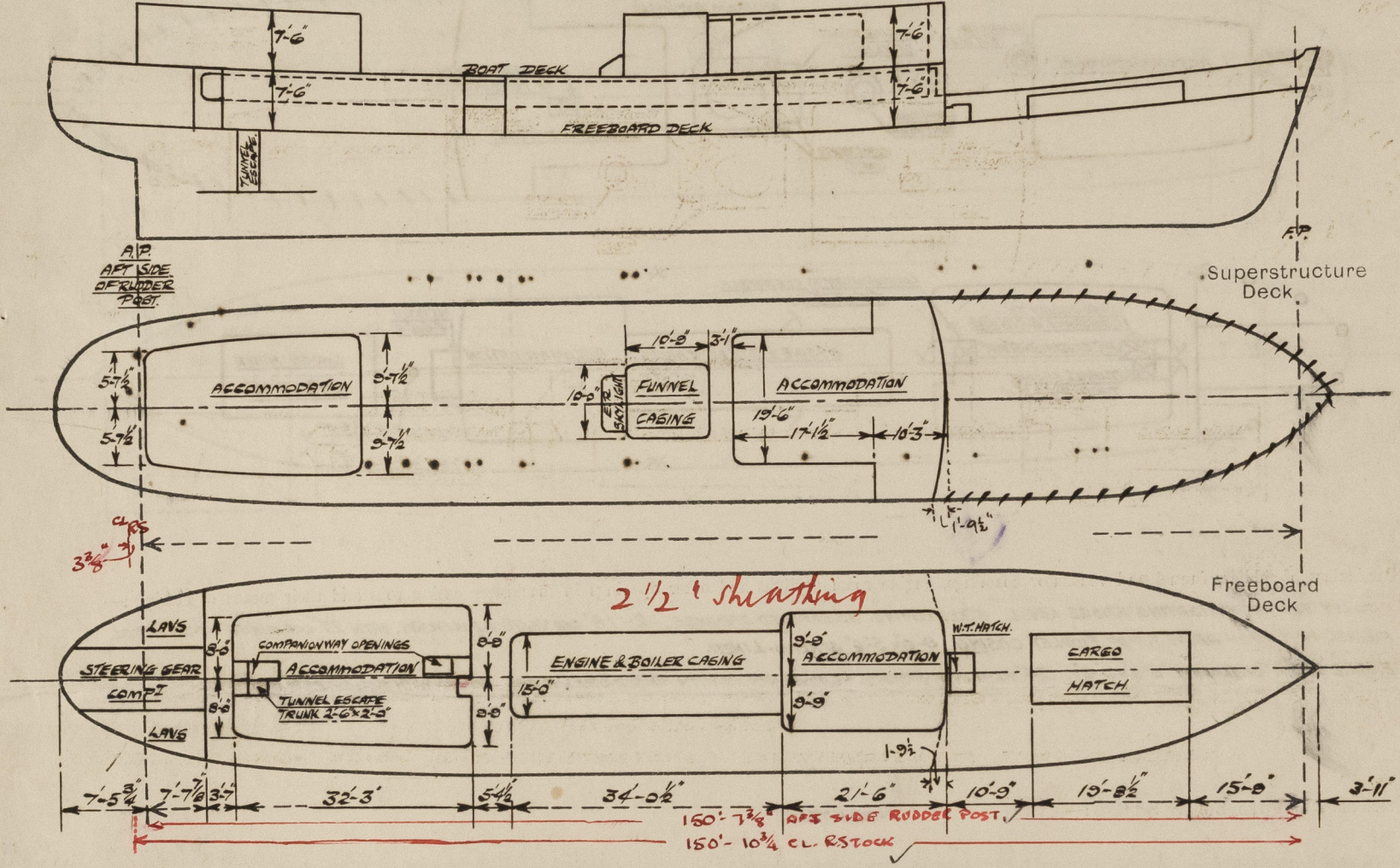
## SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

22 JAN 1954

Ship's Name T.S. SURVEY VESSEL "PATHFINDER" Port of Survey Cowes. (SOUTHAMPTON)  
Official Number \_\_\_\_\_ Surveyor's Signature Elm Hart  
Nationality and Port of Registry BRITISH NIGERIAN LAGOS. Date of Survey 1954. DURING BUILDING.

Disposition and dimensions of superstructures, trunks, deckhouses and machinery casings to be inserted in the diagrams and tabular statement :-



Particulars of Superstructures, Trunks, Casings, Deckhouses.								
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ... ..	—	24"	3"x2½"x24" O.A.	12, 24, 30 & 36"	£ STIFFER, BKTE HEAD & HEEL	2 @ 4'-9"x2'-2½" 1 @ 4'-5½"x2'-6"	18" ABOVE TOP OF WOOD DECK	7'-6"
Raised Quarter Deck Bulkhead ...	—	—	—	—	—	—	—	—
Bridge, After Bulkhead <i>FR. 46</i> ...	—	24"x26"	3½"x2½"x32" O.A.	22½"	—	—	—	7'-6"
Bridge, Forward Bulkhead... ..	—	28"	5"x3"x30" O.A.	30"	TOP WELDED TO DECK BOTTOM " " "	—	—	7'-6"
Forecastle Bulkhead... ..	—	—	—	—	—	—	—	—
Trunk, Aft ( <i>TUNNEL ESCAPE</i> )... ..	—	26"	CORNER ANGLES 2½"x2½"x26" O.A.	TRUNK 2'-6"x2'-0"	—	—	—	7'-6"
Trunk, Forward ... ..	—	—	—	—	—	—	—	—
Exposed Machinery Casings on Freeboard <del>or Raised Quarter Deck</del> ...	30½"x28"	24"	3½"x2½"x32" O.A.	21½"x22½"	28" BKTS & TOPS WELDED TO DECK	2 @ 4'-3½"x2'-6" DOORS	24" ABOVE TOP OF WOOD DECK.	7'-6"
Exposed Machinery Casings on Superstructure Decks ... ..	15½"x24"	20"	2½"x2½"x26" O.A.	21½"	28" BKTS AT TOP	—	—	7'-6"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	—	—	—	—	—	5 @ 4'-0½"x2'-6" ANIDS 1 @ 4'-3½"x2'-2" 1 @ 4'-3½"x1'-8" 1 @ 4'-3½"x2'-3" 7 @ 4'-0"x2'-4" 2 @ 4'-9"x2'-4"	—	—
Deckhouses on Flush Deck Ships <i>AMIDSHIPS &amp; AFT</i> ...	—	26"	3"x2½"x28" O.A.	21½"	28" BKTS TOP & BOTTOM	—	18" ABOVE TOP OF WOOD DECK.	7'-6"
Particulars of Closing Appliances (state if capable of being manipulated from both sides).								
Poop Bulkhead ... ..	HINGED WEATHERTIGHT STEEL DOOR TO S.G. COMPL. 25" THICK 20½" SILL.				OPERATED FROM BOTH SIDES. 2" FRAMES 1" PANELS. HINGED WEATHERTIGHT WOOD DOORS TO LAVATORIES.			
Raised Quarter Deck Bulkhead ...	—							
Bridge, After Bulkhead ... ..	—							
Bridge, Forward Bulkhead ... ..	—							
Forecastle Bulkhead... ..	—							
Exposed Machinery Casings on Freeboard <del>or Raised Quarter Deck</del> ...	2 HINGED WEATHERTIGHT STEEL DOORS 25" THICK 26½" SILL OPERATED FROM BOTH SIDES.							
Exposed Machinery Casings on Superstructure Decks ... ..	—							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ... ..	—							
Deckhouses on Flush Deck Ships ...	HINGED WEATHERTIGHT WOOD DOORS 2" FRAMES 1" PANELS TO FREEBOARD DECK SPACES 2" FRAMES & PANELS TO SPACES BELOW.							



PATHFINDER

The following diagrams should be used to indicate the positions of cargo and coaling hatchways, gangway, cargo and coaling ports, ventilators, companionways, etc., which would affect the seaworthiness of the ship:—

The diagrams illustrate the layout of a ship's superstructure and freeboard decks. The top diagram shows the side elevation with the navigating bridge, root deck, and freeboard deck. The middle diagram shows the plan view of the superstructure deck, including accommodation, engine room skylight, and various vents. The bottom diagram shows the plan view of the freeboard deck, including accommodation, engine and boiler casing, and a cargo hatch.

FIDDLEY TOP AT NAVIGATING BRIDGE LEVEL. STEEL PLATING. NO EXPOSED OPENINGS, 2-18" DIA VENTS TO BULKHEAD ROOM. WITH 2" COAMINGS OF .25" STEEL FUNNEL 14'-4" HIGH ABOVE TOP OF FIDDLEY CASING 8'-6" x 5'-6" STREAM-LINED.

ENGINE ROOM SKYLIGHT 8'-6" x 5'-2". 24" PLATING STRONGLY CONSTRUCTED WITH HINGED STEEL FLAPS FITTED WITH BULLEYES 8" DIA

NONE FITTED

COMPANIONWAY TO CREWSPACE (A) 2" TEAK DOOR IN STEEL BULKHEAD. (268" SILL) ✓  
COMPANIONWAY TO CREWSPACE (B) 2" TEAK DOOR IN STEEL BULKHEAD. (268" SILL) ✓  
TUNNEL ESCAPE 25" STEEL WEATHER TIGHT DOOR. (268" SILL) ✓  
ALL CAPABLE OF BEING OPENED FROM BOTH SIDES. ✓

1 COWL VENT 8" DIA, COATING 36" HIGH ABOVE WOOD DECK X 32" THICK ON FREEBOARD DECK FOREEND. WITH WOOD PLUG & CANVAS COVER FOR COATING. ✓

1 MUSHROOM VENT 10" DIA, " 19 1/4" " STEEL DECK X 25" " " FIDDLEY CASING TOP. WITH SPRAY EXCLUDING HEADS. ✓

2 COWL VENTS 18" DIA " 27" " " " X 25" " " " " " " " ✓

1 MUSHROOM VENT 30" DIA, " 24 1/2" " WOOD DECK X 25" " " BOAT DECK (HANDS) WITH SPRAY EXCLUDING HEAD ✓

1 MUSHROOM VENT 24" DIA, " 9 3/4" " " " X 25" " " " (FORE END D'ICE) " " " " ✓

1 MUSHROOM VENT 15" DIA, " 27 3/4" " " " X 25" " " " (AFT) " " " " ✓

5 - 4" DIA. 36" HIGH ON, FREEBOARD DECK. FITTED WITH WOOD PLUGS. & KEEP CHAIN.  
5 - 2" DIA. " " " " " " " " " " " "  
10 - 2 1/2" DIA. " " " " " " " " " " " "  
2 - 3" DIA. " " " " " " " " " " " "  
7 - 3 1/2" DIA. " " " " " " " " " " " "  
COPPER GAUZE & CANVAS COVERS

NONE FITTED.

FREBOARD DECK HAS 1/2", 2 & 3" SCUPPERS DISCHARGING THROUGH SHIP'S SIDE ABOVE W.L. ALL HAVE STORM VALVES SOUNDLY CONSTRUCTED OF BRASS. ALL SANITARY DISCHARGES FROM ABOVE FREBOARD DECK ARE LED INTO COMBINED DRAINS & FITTED WITH STORM VALVES AT SHIP'S SIDES SOUNDLY CONSTRUCTED OF BRASS. ✓

N° OFF	SIZE	POSITION	ABOUT 10' O.W.L.	SHIPS SIDE	N° OFF	SIZE	POSITION	ABOUT 10' O.W.L.	SHIPS SIDE
2	4"	3-4 P&S.	1/2" ABOVE	STORM VALVE	1	3"	26-27 S	2/2" BELOW	STORM VALVE
1	2 1/2"	3-4 P	1/2"	" "	1	4"	36-37 P	3 1/2"	" "
1	3-4 S	4 1/2"	" "	" "	2	3"	36-37 P&S	3 1/2"	" "
1	4"	15-16 P	5"	" "	2	3"	54-55 P&S	1" ABOVE	" "
2	3"	17-18 P&S.	2"	" "	1	2"	68-69 P	6 1/2" BELOW	" "
1	3"	23-24 P	1 1/2" BELOW	" "	1	2"	76-77 P	3 1/2" ABOVE	" "

Side Scuttles:—

TO POOP TOPSIDES ABOVE FREEBOARD DECK	- 8	12" DIA OPENING LIGHTS, 1/2" THICK GLASS WITHOUT DEADLIGHT. 5'-3" ABOVE F.B. DECK, GUNMETAL FRAMES.	TO LIGHT
TO CREWSPACE BELOW FREEBOARD DECK	- 8	9" DIA OPENING LIGHTS, 7/8" THICK GLASS WITH DEADLIGHTS. 1'-6" BELOW F.B. DECK. GUNMETAL FRAMES.	
TO STORE " " "	- 4		

(TABLE 4.)

Vertical distance of Sill of lowest Side Scuttle above top of keel.....10'-7½"

BOAT DECK & NAVIGATING BRIDGE RAILS 3'-6" HIGH ABOVE STEEL DECK. TOP RAIL 5"x2" TEAK & 3 RAILS OF STEEL TUBE ABOUT 9" APART.

~~NONE FITTED~~

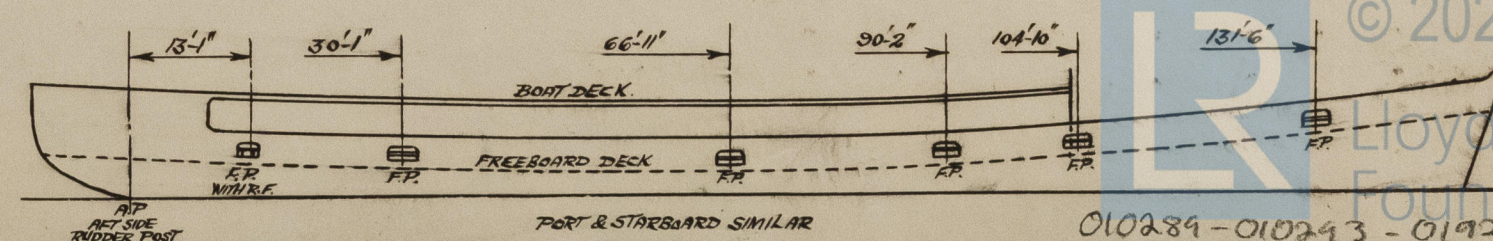
LIFELINE 2" WIRE FITTED FROM BRIDGE HOUSE FRONT TO BULWARK RAIL AT STEM

Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well <i>FLUSH DECK</i> ... <i>WITH POOP.</i>	<i>142.98 Ft</i> <i>61'-6"</i>	<i>3'-6"</i>	<i>3'-3" x 1'-9"</i> <i>WITH 2 1/2" BAR.</i>	<i>6</i>	<i>28.5</i> ✓	<i>16.15</i> ✓ <i>28</i>
Forward Well ...	—	—	—	—	—	—

State position of each freeing port ... .. { Aft Well :— 8 1/2" ABOVE FREEBOARD DECK STRINGER PLATE.  
(F. and A. position and height above deck edge) { Forward Well :— SEE SKETCH FOR F&A POSITION.

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:—

Additional area where sheer is less than standard.





# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		CARGO.	STORE.						
Dimensions of Hatchway		19'-7 3/4"	4'-0"						
COAMINGS	Height above Deck (WOOD)	27 1/2"	24 1/2"						
	Thickness	40"	375"						
	Stiffeners	7x3x40 3/8 A	NIL						
	Brackets, Stays	28 PLATE	NIL						
		FLG 3"							
HATCH BEAMS	Number	3							
	Spacing	4'-11 1/8"							
	Scantling and Sketch								
	Bearing Surface	3"							
FORE AND AFTERS	Number								
	Spacing								
	Unsupported Lengths								
	Scantling and Sketch	NIL	NIL						
	Bearing Surface								
HATCH COVERS	Material	WOOD	STEEL						
	Thickness	2 3/8"	375"						
	How fitted	F & A	HINGED W.T.						
	Bearing Surface	3"	RUBBER.						
Spacing of Cleats		NOT EXCEEDING 24"	SECURED BY 10 CLIPS						
Number of Tarpaulins		2.	SPACED 13" MAXIMUM.						
<p>*Are wood fore and afters steel shod at all bearing surfaces? NONE FITTED</p> <p>Are battens and wedges efficient and in good condition? YES</p> <p>Are tarpaulins in good condition and in accordance with rule requirements? YES</p> <p>Are lashings provided in accordance with rule requirements? NO, LOCKING BARS FITTED INSTEAD.</p>									

Particulars of any special features :—

NONE.



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