

Lloyd's Register of Shipping.

19 JAN 1953

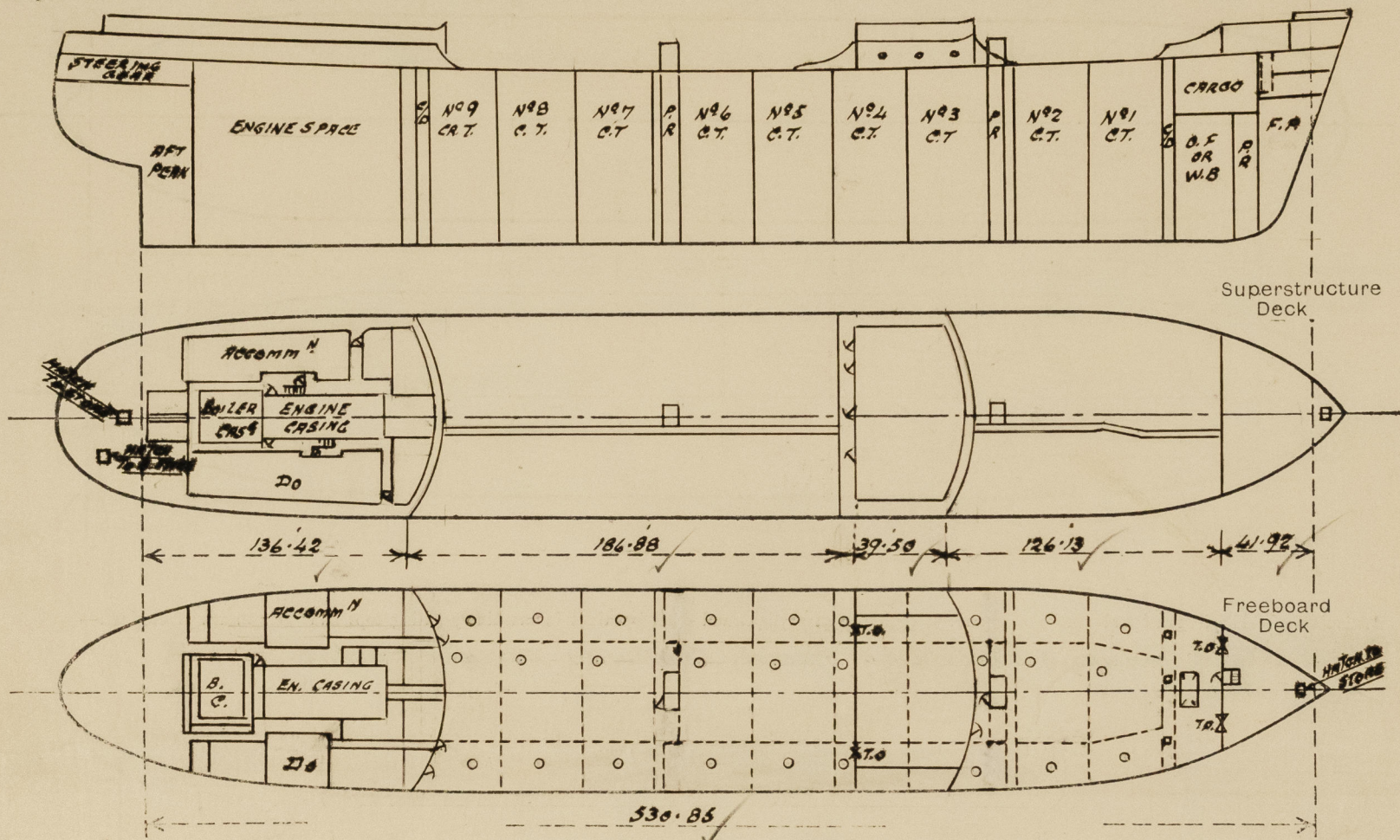
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SURVEYS FOR FREEBOARD.

OWNERS' C.11 ISSUED AUG 1951 (CONDITIONS OF ASSIGNMENT.)

Ship's Name "POLARTANK" SOMERSET TRADER Port of Survey GLASGOW
 Official Number LIBERIAN, MONROVIA Surveyor's Signature A. W. Queen & J. P. Crawford
 Nationality and Port of Registry NORWEGIAN, LARVIK Date of Survey DURING CONSTRUCTION

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.

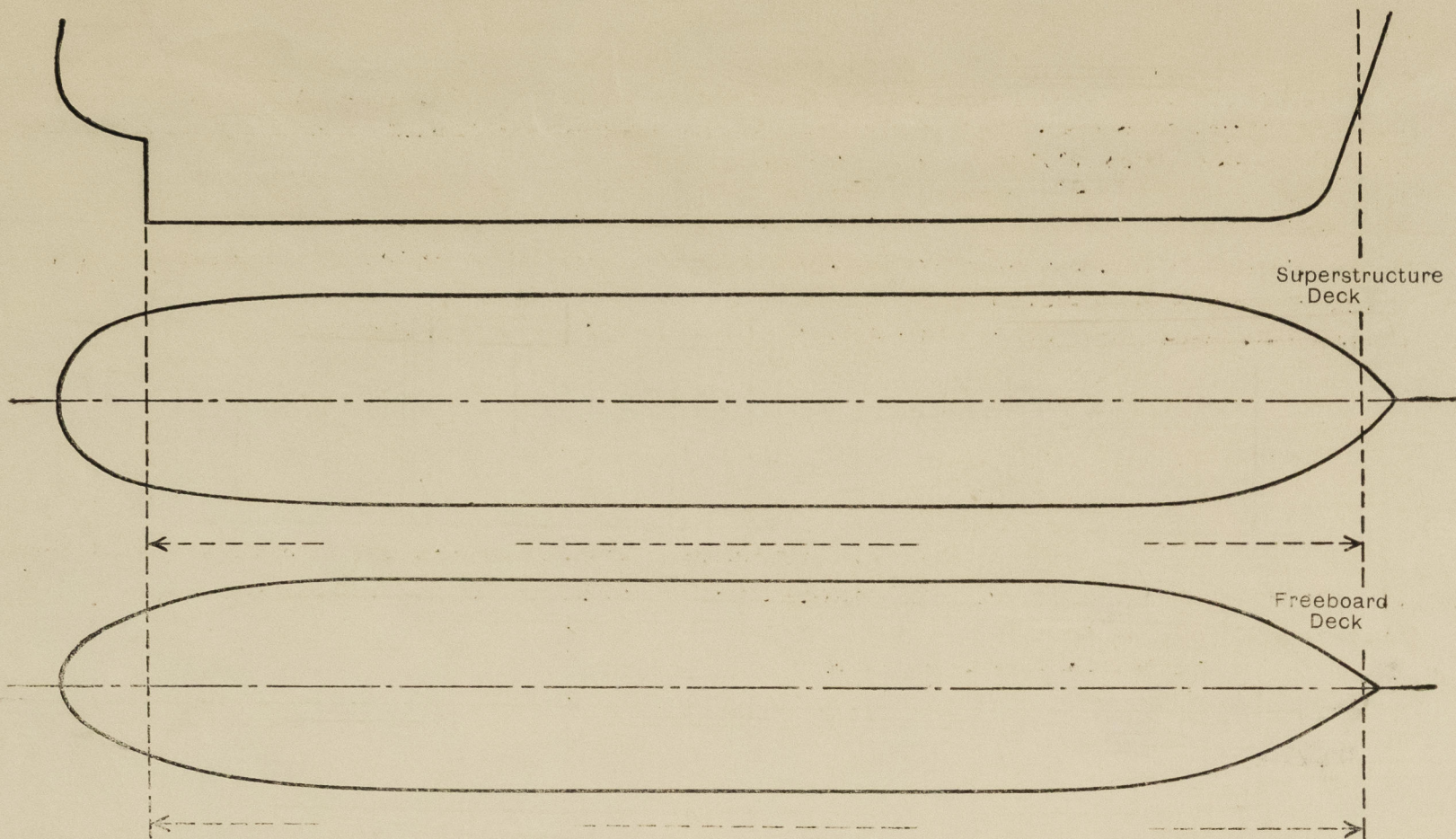
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	.44 PLATING	✓	11 X 3 1/2 X 1/4	2'-6" ✓	WELDED Top & Bot	1 (P+S) 5'-1" X 2'-6" 1 (P+S) 5'-1" X 3'-0"	24" ✓ 18" ✓	8'-0" ✓
Raised Quarter Deck Bulkhead ...								
Bridge After Bulkhead ...	.30 PLATING	✓	4 X 3 X 32 O.A.	2'-0" TO 2'-6" ✓	WELDED Top & Bot	5'-1" X 3'-1"	18" ✓	8'-0" ✓
Bridge Forward Bulkhead ...	.44	"	11 X 3 1/2 X 1/4 O.A.	2'-3" TO 2'-6" ✓	WELDED " " "	5'-1" X 2'-11"	18" ✓	8'-0" ✓
Forecastle Bulkhead ...		.30 ✓	4 X 3 X 32 O.A.	2'-0" TO 2'-6" ✓	TOP: BRACKETED BOTT: WELDED	2 @ 5'-1" X 3'-1"	18" ✓	8'-0" ✓
Trunk, Aft Closing To Main Entrance		.30	4 X 3 X 29	2'-8"	WELDED	1 @ 4'-6" X 2'-0"	24"	8'-0"
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...								
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...								
Pump Room Entrances	FORE END .40 PLATING SIDES .40 AFT END .40	"	7 X 3 X 40 B.A. 6 X 3 X 40 B.A. 6 X 3 X 40 B.A.	2'-4" 2'-6" 2'-6" 2'-4"	BRACKETED Do Do	✓ 5'-9" X 2'-6"	✓ 24" 24" ✓	10'-6" 10'-6" 10'-6"
Deckhouses on Flush Deck Ships ...								

Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	4 HINGED STEEL W.T. STEEL DOORS, MANIPULATED FROM BOTH SIDES 1 (P+S) TO PASSAGE COAMING 18" ✓ 1 (P+S) TO CAFFERDAM " 24" ✓
Raised Quarter Deck Bulkhead ...	
Bridge After Bulkhead ...	3" STORM BOARDS IN WELDED CHANNELS COAMING 18" ✓
Bridge Forward Bulkhead ...	HINGED STEEL W.T. DOOR (STAR) MANIPULATED FROM BOTH SIDES COAMING 18" ✓
Forecastle Bulkhead ...	2 1/2" STORM BOARDS IN WELDED CHANNELS COAMING 18" ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks ...	HINGED STEEL W.T. DOOR, MANIPULATED FROM BOTH SIDES COAMING 24" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Pump Room Entrances	
Deckhouses on Flush Deck Ships ...	HINGED STEEL W.T. DOORS, MANIPULATED FROM BOTH SIDES ✓

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

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:—



Particulars of fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

FUNNEL & VENT COAMINGS & E.R. SKYLIGHT STRONGLY CONSTRUCTED, SKYLIGHT CLOSED BY HINGED STEEL COVERS

Particulars of Flush Bunker Scuttles :—

NONE

Particulars of Companionways:— Hatch To Chain Locker & Stores in Fore 4'-0" x 3'-0" CORRUG 9 x 3½ x 40 B.R. WITH 2½" WOOD COVER

FOR^D PUMPROOM ENTRANCE:- W.T. STEEL DOOR 4'-6" x 2'-0" CORR^D 24" MANIPULATED FROM BOTH SIDES

The hatch to the cabin is within a space having a bulkhead just aft of the hatch and the door in the bulkhead has a sill of 12".

Particulars of Ventilators in exposed positions on freeboard and superstructure decks :—

UPPER DECK.

<u>FoCle DK :-</u>	✓	<u>FOR WELL :-</u>	✓	<u>AFTERWELL :-</u>
1-15' CV. (P) CORNING 36"x38" To HOLD		1-15' CV. (S) CORNING 36"x38" To HOLD		1-18' CV. (P) CORN? 9'-7" x 40" To P Room
1-12' CV. (P) " 36"x34" = P.R. ENT-CE		1-18' CV. (P+S) " 9'-7" x 40" = P. ROOM		1-18' CV. (S) " 9'-7" x 40" = " "
1-12' CV. (P) " 36"x34" = FoCle		EFFICIENTLY STAYED TO P.R. ENTRANCE		EFFICIENTLY STAYED TO P.R. ENTRANCE & GUNWAY ✓
1-10' CV. (S) " 36"x32" = F.P. STORE		* GANG WAY. ✓		1 D. PV. (P+S) To P. Room
2-12' CV. (S) " 36"x34" = P.R. + FoCle				

BRIDGE DK-1- 3-6" S.N.V.s (P15) CORR^G 2-6"X-32 TO STORES ETC
1-6" CV. (P15) " 2-6"X-30 = BD SPACE
5-6" S.N.V.s AT AFT END OF HOUSE

PORT SIDE		POOP DEK		STARBOARD SIDE	
7-6" SNNS CORR ^g	2-4' x 32'	To STORES ETC.	7-6" SNNS CORR ^g	2-4' x 32'	To STORES, WASH PLACES ETC.
3-26"x12 CVS.	"	12-9' x 40'	To MCGOWAN'S PASSAGE	3-26"x12 CVS.	"
2-12' C.V.	"	2-9' x 34'	" REFRIG. MACH.	2-12' C.V.	"

LET OF POOP HOUSE
FORMING 2'-9" X 32 TO PASSAGE, STEERING GEAR & STORE
WOOD PLUGS & CANVAS COVERS.

Particulars of Air Dives in exposed positions on fore-cord, raised quarter, or superstructure decks, **AND**

FOCLEDGE:- 1-5" (P) TO F. PEAK } 18" HIGH
 1-2" (P+S) " C/O & CH. LKR }
 1-6" (P+S) TO O.F. CROSS BUNKER }

UPPER DN. FOR² OF BRIDGE

1-3" (P+S) TO C/O.	} 36" HIGH	1-4" (P+S) "	O.F. TANKS
2-4" (P+S) " DEEP TANK		1-3" (P+S) "	O.F. BUNKERS
		2-3" (P) "	O.F. SET ^A TANKS

<u>AFT OF BRIDGE</u>	2-3" (S)	" REC ^d O.F. TANK
1-3" (PVS) TO C/D 6'-0" HIGH ✓	1-3" (S)	" O.F. DRAIN TANK.

FITTED WITH WOOD PLUGS & CANVAS COVERS
GAUZE IN WAY OF OIL TANKS ✓

1
& canvas covers,

1- 3" (S)	"	LUB OIL DETANK
1- 3" (P)	"	O.F. GRAVITY "

AIR PIPES 18" HIGH

Particulars of Gangway Cargo and Coaling Ports :—

NONE

SOMERSET TRADER

Polartank.

Particulars of Scuppers and Sanitary Discharge Pipes :- SCUPPERS ON UPPER DECK:- WHERE EXPOSED $6 \times 3\frac{3}{4}$ " OPENINGS CUT THRU SHEER STRAKE AND STRINGER; FORECASTLE SPACE, BRIDGE SPACE & POOP SPACE DRAINED BY 1" DISCHARGE SCREW PLUGS IN SUPERSTRUCTURE END BULKHEADS, POOP SPACES ALSO DRAINED BY PIPE SCUPPERS LED OVERBOARD ABOVE L.W.L. & FITTED WITH BRASS STORM VALVES

FOCLE DK. :- DRAINED BY 2" PIPE SCUPPER (P+S) TO UPPER DK.
BRIDGE DK. :- " " 3" " " (P+S) " " "
POOP DK. :- " " 3" " " (P+S) OVERBOARD ABOVE L.W.L. FITTED WITH BRASS OPEN BENDS

SPRINTERY DISCHARGES - ALL DISCHARGES FROM POOP SPACE & FROM DECKHOUSE ON POOP & BRIDGE DKS. LED OVERBOARD ABOVE
L.W.L. & FITTER WITH BRASS STORM VALVES ✓
SCUPPERS DISCHARGE PIPING BELOW UPPER DK. IS OF HEAVYWEIGHT QUALITY STEEL GALV.^D ✓

Particulars of Side Scuttles:— IN SIDES OF POOP & BRIDGE HOUSES 12" DIA SWINBURNE SIDELIGHTS & IN STEERING COMPARTMENT & BULK HEADS AFT 10" SWINBURNE SIDELIGHTS OF BRASS STRONGLY CONSTRUCTED, FITTED WITH STRONG HINGED GALVZ
MALL & IRON DEADLIGHTS

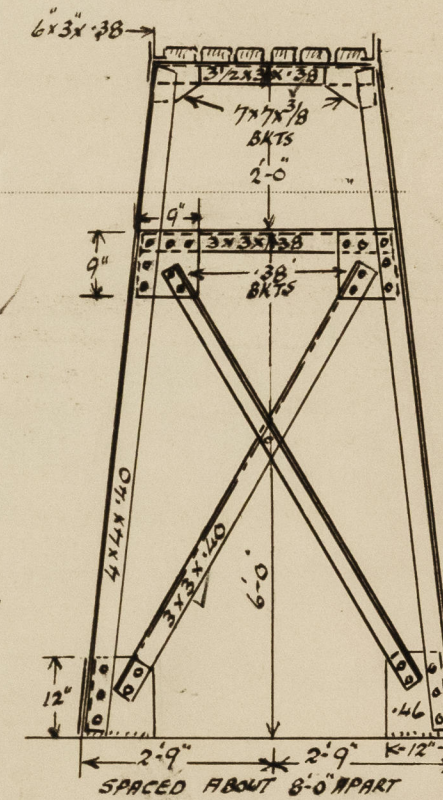
ALL TO M.O.T. REQUIREMENTS. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel..... *No SCUTTLES BELOW UPPER DK.*
EXCEPT IN STEERING COMPARTMENT

Particulars of Guard Rails:—AT SIDES OF UPPER DK. OPEN RAIL 4'-0" HIGH, 4 RODS & STANCHIONS SPACED ABOUT 4'-6" APART. AT END OF POOP DK, OPEN RAIL 3'-9" " , 3 RODS & STANCHIONS SPACED ABOUT 4'-6" APART. FOGLE DK, OPEN RAIL 3'-6" HIGH, 3 RODS & STANCHIONS SPACED 4'-6" APART. STEEL BULWARK 4'-0" HIGH AT FORE END OF POOP & FOGLE DKS & AROUND RD. DK. FORE & RT. SIDEWALK, OPEN RAIL 3'-0" HIGH, 2 RODS, STANCHIONS SPACED 4'-6" APART

Particulars of Gangways, Lifelines, etc. :— *GANGWAY BETWEEN POOP & BRIDGE DKS.*

8 BETWEEN BRIDGE & FOCE DECKS, SCANTLINGS AS PER SKETCH



Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Frecing Ports	Number each side	Area each side	Rule area each side
After Well		<i>OPEN RAILS</i>				
Forward Well		<i>OPEN RAILS</i>				

State position of each freeing port	{ After Well :—
(F. and A. position and height above deck edge)				{ Forward Well :—

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									
UPPER DECK						FORE DECK	POOP DECK		
Description of Hatchway	...	...	...	...	...	To BASINS STORE	To STORE	To BASINS STORE	
Dimensions of Hatchway	...	...	...	...	...	2'-6" x 2'-6"	3'-0" x 3'-0"	2'-3" x 2'-3"	
COAMINGS	Height above Deck	...	3'-1"	12'	22" x 22"	24"	30"	30"	
	Thickness	...	.44	.75	COAMING	.40	.44	.44	
	Sides	...	.44	.75	10 x 3 1/2 x 400A	.40	.44	.40	
	Stiffeners	...	7 x 3 1/2 x 40		WITH BOLTED	WITH .40	WITH 2 1/2"	WITH 2 1/2"	
	Brackets, Stays	...	6" B. PLATES		W.T. PLATE	COVER	SECURED	COVERS	
HATCH BEAMS	Number	...	WITH .40	HINGED STEEL COVERS .40 THICK	COVER .50 THICK	WITH TUGGLES	2 TARP	2 TARP	
	Spacing	...	W.T. COVER	WITH 3 1/2 x 3/4 FLAT BAR		18" APART	2 1/2" BEARING	2 1/2" BEARING	
	Scantling and Sketch	...	BOLTED AT CR. LINE & 2 STIFFENERS (P+S) 6 x 3 x 40	STRONG BACKS (AS APPROVED)			SURFACE	SURFACE	
	Bearing Surface	...	INVERTED L 2'-6" APART TUGGLES 1'-11" APART (AS APPROVED)						
FORE AND AFTERS	Number	...	ACCESS						
	Spacing	...	HATCH ON						
	Unsupported Lengths	...	CARGO HATCH						
	Scantling* and Sketch	...	2'-6" x 2'-4"						
	Bearing Surface	...	COAM. 9 x 1 1/4 WITH W.T. COVER .40 THICK, SECURED BY TUGGLES SPACED 18"						
HATCH COVERS	Material	...							
	Thickness	...							
	How fitted	...							
	Bearing Surface	...							
Spacing of Cleats	...	...					
Number of Tarpaulins	...	...					
*Are wood fore and afters steel shod at all bearing surfaces? <input checked="" type="checkbox"/> Are battens and wedges efficient and in good condition? <input checked="" type="checkbox"/> YES Are tarpaulins in good condition and in accordance with rule requirements? <input checked="" type="checkbox"/> YES Are lashings provided in accordance with rule requirements? <input checked="" type="checkbox"/> YES									

Particulars of any special features:— 12 1/2" DIA. OPENINGS IN UPPER DECK TO EACH CARGO TANK FOR "BUTTERWORTH" CLEANING SYSTEM, CLOSED BY 1/2" STEEL PLATE COVER, SECURED BY 3/4" BOLTS @ 4 3/4" PITCH



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