

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "SOUTH AFRICA STAR"Port of Survey GLASGOW.

Official Number

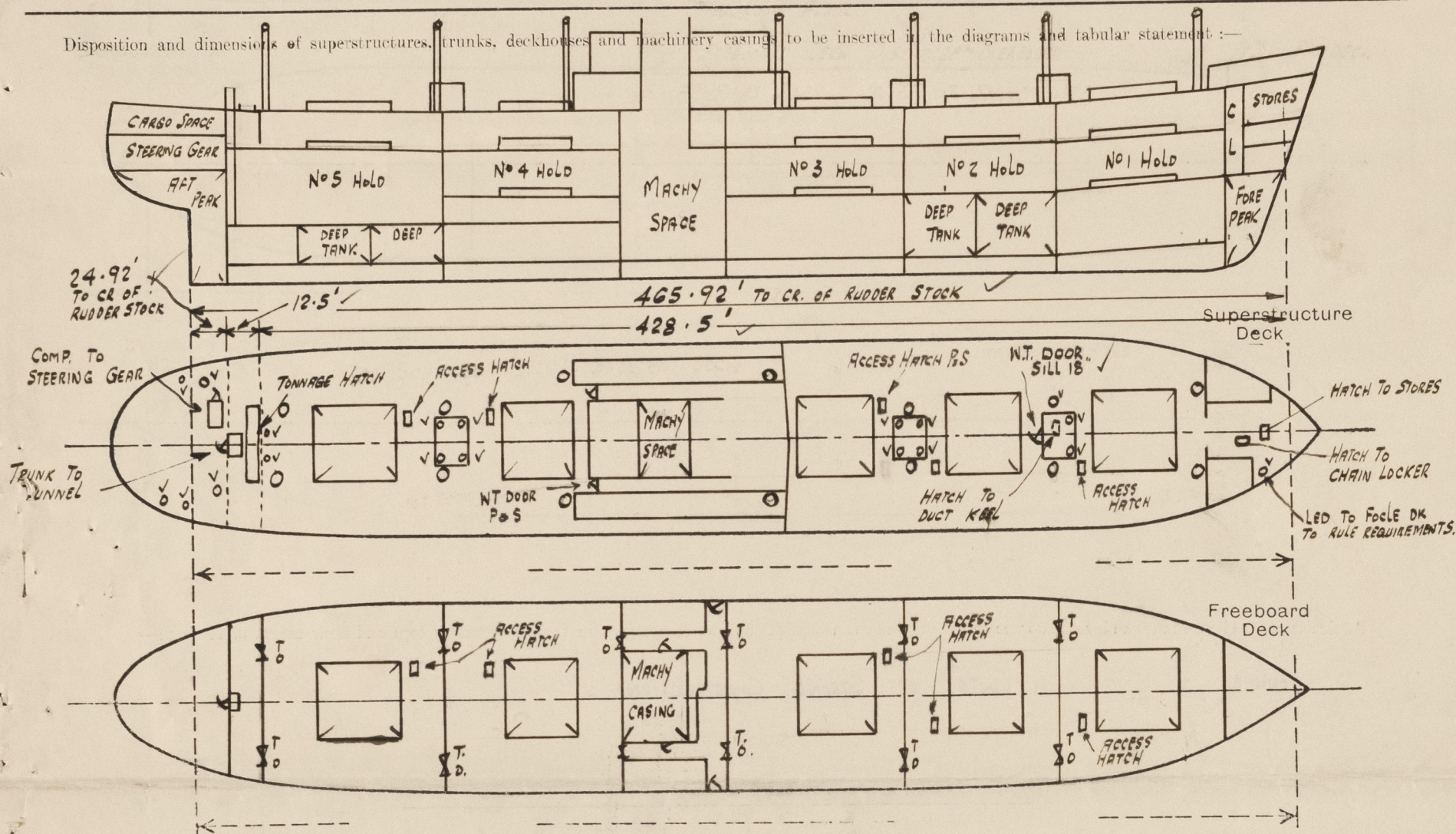
Surveyor's Signature

Alexander P. Moore.Nationality and Port of Registry BRITISH - LONDON.

Date of Survey

13TH & 14TH April, 1948

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.

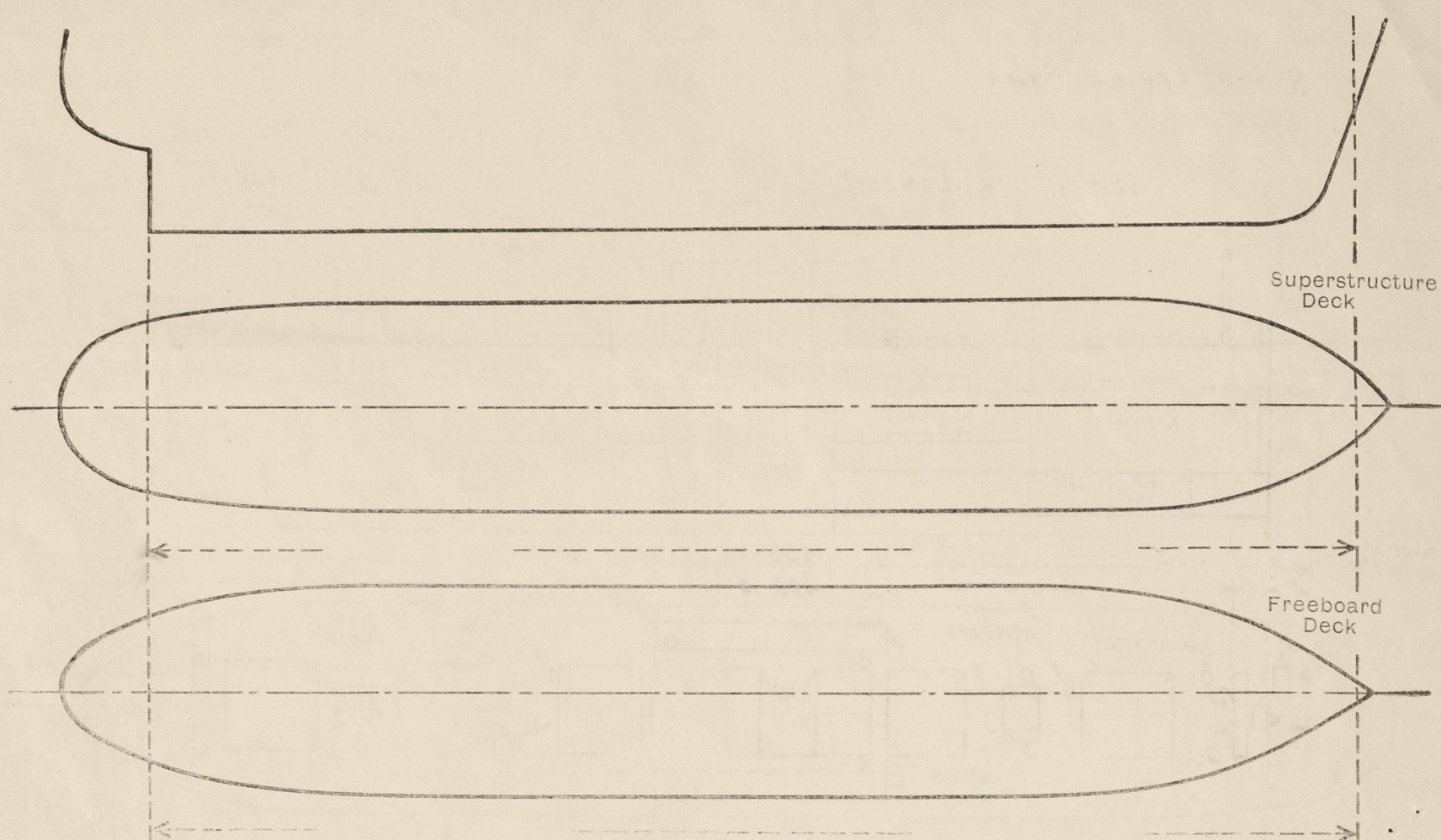
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead <u>ON FRM 182</u> ...	—	.25	3 x 2 1/2 x .30 WELDED TOE ON	24" to 30" ✓	NONE ✓	NONE	—	9'-0" ✓
Raised Quarter Deck Bulkhead ...		.28	4 x 3 3/8" WELDED TOE ON	24" ✓	NONE	2 @ 4'-6" x 3'-1"	24" ✓	9'-0" ✓
Bridge, After Bulkhead <u>ON FRM 177</u> ...		.50 AT WINGS						
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead <u>ON SHELTER DK</u> ...	.36	.28	5 x 3 1/2 x .38 ✓	28" ✓	NONE	OPEN AT CENTRE 6'-5" x 5'-0"	NONE	7'-6" ✓
Trunk, Aft ...								
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks <u>ON BOAT DECK</u> ...	.25	.25	3 1/2 x 2 1/2 x .28 WELDED TOE ON	30"	NONE	1 @ 4'-8" x 2'-2"	13"	8'-3" ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances <u>SHELTER TWEEN DK</u> ...	.25	.25	INSULATED	—	—	2 @ 4'-8" x 2'-2"	15"	9'-0" ✓
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	NO OPENINGS ✓
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	STEEL SLABS IN WELDED CHANNELS IN TONNAGE OPENINGS PORT & STAR. ✓
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead <u>ON SHELTER DK</u> ...	OPEN. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks <u>ON BOAT DECK</u> ...	1 HINGED STEEL W.T. DOOR (STAR SIDE) OPERATED FROM BOTH SIDES, SECURED BY 6 TOGGLES ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances <u>SHELTER TWEEN DECK</u> ...	2 " " " " (1 P.S.) " " " " " " 8 " ✓
Deckhouses on Flush Deck Ships ...	

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

FUNNEL & ENG. ROOM VENTS OF STRONG CONSTRUCTION. ✓

Particulars of Flush Bunker Scuttles:—

NONE. ✓

Particulars of Companionways:—

TRUNK TO TUNNEL ON SHELTER DECK AFT
STEEL COMPANIONWAY OF STRONG CONSTRUCTION
HINGED W.T. STEEL DOOR, OPERATED FROM
BOTH SIDES. OPENING 5'-0" x 8'-6"
SILL 18"

ENTRANCE TO STEERING GEAR ON
SHELTER DK AFT.
COMPANIONWAY OF STEEL, STRONG
CONSTRUCTION,
HINGED STEEL W.T. DOOR, OPERATED
FROM BOTH SIDES
OPENING 5'-0" x 2'-6". SILL 18" ✓

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

HOLDS, TWEEN DECK AND DEEP TANKS VENTILATED BY DERRICK POSTS ALSO CONVL VENTS ON TOP OF WINCH & MAST HOUSES. ✓
FOCLE DK. 1-10" DIA CONVL VENT, COAM. 36" HIGH x 38" TO BOSNS STORE. ✓

SHELTER DK AFT. 2-10" DIA S.N.V. COAM. 30" HIGH x 38" TO TWEEN DK. FITTED WITH W.T. HINGED FLAPS. ✓

1-8" " CONVL VENT " 30" " x 38" TO " " ✓

2-16" " " " 30" " x 38" TO STEERING GEAR FLAT. ✓

2-18" " " " 30" " x 38" TO TWEEN DK'S. ✓

WOOD PLUGS & CANVAS COVERS SUPPLIED FOR ALL VENTILATORS. ✓

Particulars of Air Pipes in exposed positions on freeboard, raised quarter, or superstructure decks:—

ALL AIR PIPES TO DOUBLE BOTTOM, DEEP & PEAK TANKS LED ABOVE SUPERSTRUCTURE DECKS.
MINIMUM HEIGHT 30" AND MOUTHS FITTED WITH WIRE MESH AND HINGED STEEL COVERS ✓
OVERFLOW FROM CLEAN BALLAST LINE, 6" DIA. DISCHARGES OVERBOARD AHEAD ER CASING STAR SIDE
ABOUT 2'-6" BELOW FREEBOARD DECK AND FITTED WITH N.R. VALVE AT SHIPS SIDE. ✓

Particulars of Gangway Cargo and Coaling Ports:—

1 Port = 1 STAR (FRAMES 102-104) ✓

South Africa Star.

FITTED BETWEEN 2ND DECK & SHELTER DECK - HINGED STEEL W.T. DOOR MANIPULATED FROM INSIDE ONLY.
6'-6" HIGH x 3'-0" WIDE, 8" SILL SECURED BY 12 STRONG HOOK BOLTS. ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

TONNAGE WELL DRAINED BY 5" G.M. SCREEN DOWN VALVES (1 P & 1 S). SECOND DECK IN WAY OF CARGO SPACES DRAINED BY 3" G.M. SCREEN DOWN VALVES (3 P & 3 S.) LED OVERBOARD AND CONTROLLED FROM SHELTER DECK (EXTENDED ROOS) AND FITTED WITH INDICATORS SHOWING OPEN & SHUT POSITIONS ✓
SECOND DECK SPACES AHEAD MACH. CASING (BIDS 102 TO 122) DRAINED BY 2 1/2" SCUPPERS (3 P & 3 S) LED TO DRAIN WELLS IN ENGINE ROOM AND FITTED WITH GATE VALVES IN ACCESSIBLE POSITIONS ABOVE ENG. ROOM FLOOR. ✓
SANITARY DISCHARGES FROM MIDSHIPS ACCOMMODATION ABOVE FREEBOARD DECK DISCHARGE OVERBOARD IN ENG ROOM BELOW 3RD DECK AND FITTED WITH G.M. VALVE CHESTS WITH N.R. VALVES AT SHIPS SIDE (VALVES NOT SECURED DIRECT TO SHELL.) ✓

TONNAGE WELL VALVES 2ND DECK CONTROL ROD TO UPPER DECK WITH INDICATOR. ✓
SCREW DOWN VALVE NON RETURN VALVE. OVERBOARD

Particulars of Side Scuttles:—

NO SIDE SCUTTLES BELOW SHELTER DECK. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel

NONE. ✓

Particulars of Guard Rails:—

FORECASTLE & SHELTER DECKS.
3 TIER RAILS, STANCHIONS SPACED 5'-0" APART, 3'-6" HIGH
RAILS OF CHAIN AND PIPE

With clatching screws.

Particulars of Gangways, Lifelines, etc.:—

NONE

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 ...						
Forward Well ...						
State position of each freeing port ... { After Well:— (P. 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.						



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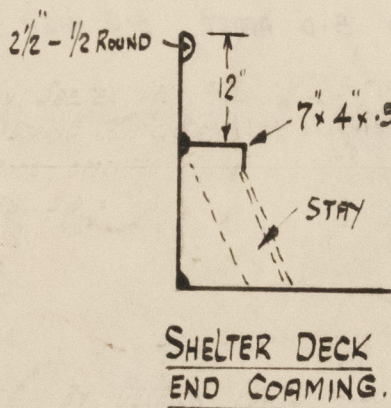
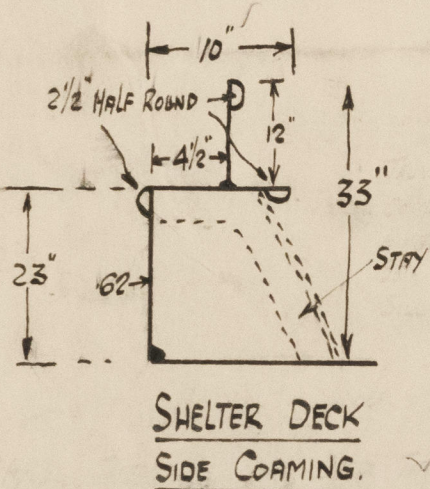
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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.													
FREEBOARD DECK													
SHELTER DECK													
Description of Hatchway				No 1 HATCH	No 2 & 4 HATCH	No 3 HATCH	No 5 HATCH	No 1 HATCH	No 2 & 4 HATCH	No 3 HATCH	No 5 HATCH.	TONNAGE HATCH AFT.	HATCH TO STORE IN FORESPACE
Dimensions of Hatchway				36'-0" x 20'-0"	30'-0" x 24'-0"	37'-6" x 24'-0"	40'-0" x 24'-0"	36'-0" x 20'-0"	30'-0" x 24'-0"	37'-6" x 24'-0"	35'-0" x 24'-0"	4'-5 1/2" x 24'-0"	2'-6" x 2'-0"
COAMINGS	{	Height above Deck	...	9"	9"	9"	9"	33"	33"	33"	33"	12"	21"
		Thickness	Sides	.62 ✓	.62 ✓	.62 ✓	.62 ✓	.57 ✓	.57 ✓	.57 ✓	.57 ✓	.50 ✓	.38 ✓
			Ends					.62 ✓	.62 ✓	.62 ✓	.62 ✓	.50 ✓	.38 ✓
		Stiffeners ...											
Brackets, Stays			SIDES ENDS	2 1/2" HALF ROUND				SEE SKETCH BELOW				2 1/2" HALF ROUND	NONE.
HATCH BEAMS	{	Number	...	6	5	7	7	NONE					
		Spacing	...	20" x 6 1/4" x 57"	24" x 7" x 62"								
		Scantling and Sketch	...	I									
		Bearing Surface	...	3 ✓	3 ✓	3 ✓	3 ✓						
FORE AND AFTERS	{	Number	...										
		Spacing	...										
		Unsupported Lengths	...										
		Scantling* and Sketch	...										
Bearing Surface			...										
HATCH COVERS	{	Material	...	WOOD GALV. METAL ENDS				STEEL	PONTOON COVERS			WOOD	STEEL
		Thickness	...	2 1/2"	2 1/2"	2 1/2"	2 1/2"	28	12" DEEP			2 1/2"	30
		How fitted	...	F & A ✓	F & A ✓	F & A ✓	F & A ✓	ATHNARTSHIPS			F & A ✓	HINGED W.T.	
		Bearing Surface	...	3"	3"	3"	3"	4 1/2"	4 1/2"	4 1/2"	4 1/2"	2 1/2"	COVER SECURED BY 4 TOGGLES.
Spacing of Cleats			...	24"	24"	24"	24"	24"	24"	24"	24"	—	
Number of Tarpaulins...			...	2 ✓	2 ✓	2 ✓	2 ✓	3	3	3	3	2 ✓	
*Are wood fore and afters steel shod at all bearing surfaces? NONE													
Are battens and wedges efficient and in good condition? YES													
Are tarpaulins in good condition and in accordance with rule requirements? YES													
Are lashings provided in accordance with rule requirements? YES.													

Particulars of any special features:—

VESSEL RECONVERTED FROM NAVY FLAT TOP TO ORIGINAL US MARITIME COMMISSION DESIGN C3 - S - A1 CARGO VESSEL
 ELECTRIC WELDING EMPLOYED THROUGHOUT EXCEPT FOR SHELTER DECK SHEERSTRAKE DOUBLER - RIVETED



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