

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

STEAMER, TANKER, SAILER: LAURENTIDE PARK ~~WITH~~ TIMBER DECK CARGO
WITHOUT

Nationality BRITISH Builders' Name and No. of Ship MARINE INDUSTRIES LTD

Port of Registry MONTREAL. QUE. LONDON SOREL QUEBEC. NO 109.

Official Number 173269 Owners MINISTRY OF RECONSTRUCTION & SUPPLY OTTAWA
PARK STEAMSHIP CO LTD MONTREAL
HAMISH G. HENDRY. GLASGOW.

Gross Tonnage 7136 (MISS) MLEAD TENSURE LTD MONTREAL.

Date of Build 28 APRIL 1943. Port and Date of survey SOREL DURING CONSTRUCTION.

Name of Surveyor JAS. H. GREENHAWLGAH.

Particulars of Classification B. SX (WITH FREEBOARD) Names of Sister Ships PORT ROYAL PARK, ALGONQUIN PARK etc

Type of Superstructures FRESH DECK.

Trade of Ship

Service Endorsement if any

SUMMER FREEBOARD recommended amidships from centre of disc to top of deck line, (.....wood.....steel)			
TROPICAL FRESH WATER LINE	above centre of disc	13 1/2"	Corresponding Freeboard 9'-5"
FRESH WATER LINE	" " "	7"	" " 9'-11 1/2"
TROPICAL LINE	" " "	6 1/2"	" " 10'-0"
WINTER LINE	below " "	6 1/2"	" " 11'-1"
WINTER NORTH ATLANTIC LINE	" " "		" "

SUMMER TIMBER FREEBOARD recommended amidships from top of deck line			
TROPICAL FRESH WATER	Timber line above L.S.		Corresponding Freeboard
FRESH WATER	" " " "		" "
TROPICAL	" " " "		" "
WINTER	" " below "		" "
WINTER NORTH ATLANTIC	" " " "		" "

Number of years recommended for load line certificate

DATE OF ISSUE 18-9-43
DATE OF EXPIRY 27-4-48

The scantlings and protective arrangements being in accordance with the Load Line Rules it is submitted that the freeboards be assigned

[Signature]
Chief Surveyor
(For)

Passed at a meeting of the Committee of Management of the British Corporation Register of Shipping and Aircraft
on the 6th October 1943

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[Signature]
Secretary
Lloyd's Register
Foundation
011636-011645-0108 1/8

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COMPUTATION OF FREEBOARD

Length on summer load line **417.6** Moulded Breadth **56.10 1/2** Moulded Depth **37.4** Depth of Keel **3/4**
 Moulded displacement (ex bossing) at moulded draught of 85 per cent. of moulded depth **16562** Tons
 Co-efficient of fineness for use with tables $\frac{\Delta \times 35}{L \times B \times D \times 85} = .7694$
 Displacement and tons per inch immersion in salt water at summer load line **13780 @ 48.25 T.P.I.**
 Moulded depth **37.333** Deduction for Fresh Water $\frac{\Delta}{40T} = 7.14$ inches
 Stringer Plate **.64 .052** Round of Beam Correction
 Sheathing on exposed deck T $\left(\frac{L-S}{L}\right)$ **-** Ships Round of Beam **14.00** inches
 Rise of floor (in sailers) **-** Standard Round of Beam $\frac{B \times 12}{50} = 13.65$
 Depth for Freeboard (D) **37.385** Difference **.35**
 Table Depth **4/5 27.833** Restricted to
 Depth Correction **3 x 9.552** Correction $\frac{\text{Difference}}{4} \times \left(1 - \frac{E}{L}\right) = .0875 \times 1$
 If restricted by superstructures **28.656** = .09 off

	Enclosed Length	Length of Overhang	Height	Mean Covered Length (S)	Height Correction	Effective Length (E)	
Poop							Standard Height of Superstructure -
Raised Quarter Deck							" " R.Q.D. -
Bridge		F					Percentage covered S/L = -
		A					" " E/L = -
Forecastle							" from Table line A, B, (corrected for absence of forecastle if required)
Trunk Aft							Percentage from Table by interpolation for Bridge less than 2L if required = -
" Forward							Deduction = -
Tonnage Opening Aft							Percentage from Table for Tankers (or Timber ships) = -
" " Forward							Deduction = -
Totals							

FLUSH DECK.

Station	Actual Sheer	Standard Sheer	Effective Sheer	S.M.	Product	
A.P.	54.75	51.75	54.75	1	54.75	Mean Actual sheer aft = More than 1
1/2 L from A.P.	23.50	23.03	23.50	4	94.00	Mean Actual sheer forward = More than 1.
1/3 L from A.P.	5.75	5.69	5.75	2	11.50	" Standard " "
Amidships	-	-	-	4	-	Length of enclosed superstructure forward of amidships = -
1/3 L from F.P.	11.62	11.38	11.62	2	23.24	Length of Ship
1/2 L " "	46.75	46.06	46.75	4	187.00	Length of enclosed superstructure aft of amidships = -
F.P.	105.50	103.50	105.50	1	105.50	Length of Ship
				18	475.99	Sheer Correction = Difference X $(.75 - \frac{S}{2L}) = .569 \times .75$
Effective Mean Sheer					26.444	= .4268 or 1/2
Standard " " .05L + 5					25.875	If limited on account of midship superstructure = None
Difference					0.569	" to maximum allowance of 1 1/2 ins. per 100 ft. = -

TABULAR FREEBOARD corrected for flush deck if required = **47 + 6.26 = 53.26**
 Correction for co-efficient = $\frac{1.4494}{136} = 88.74$. DRAUGHTS AND SEASONAL CORRECTIONS

	+	-		Sailer, Tanker, Steamer	Timber
Depth correction	28.66	-			
Deduction for superstructures	-	-		Depth to Freeboard Deck in feet 37.385	
Sheer correction	-	.43		Summer Freeboard in feet 10.542	
Round of Beam correction	-	.09		Moulded Draught (d) $\frac{3}{4} + \frac{5}{8}$ 26.843	(d1)
Correction for thickness of deck amidships	-	-		Addition for Keel .115	
Other corrections, scantlings, etc.	9.62	-		Extreme draught (26.11 1/2) 26.958	
	38.28	.52	37.76	Deduction for Tropical and addition for Winter freeboard $d/4 = 6.71$ ins.	
Summer Freeboard in Inches 10.6 1/2				Addition for Winter North Atlantic (if required) -	ins.
Additional allowance for superstructures on Timber carrying ships				Deduction for Tropical Timber Freeboard $\frac{d}{d}$	ins.
Summer Timber Freeboard in inches				Addition for Winter " $\frac{d}{3}$	ins.
				" " N.A. Timber Freeboard (if required)	ins.

For Open Shelter Deck For Ship "Port Royal Park"
 0108 2/8

THE BRITISH CORPORATION REGISTER OF SHIPPING AND AIRCRAFT

SURVEY FOR FREEBOARD

CONDITIONS OF ASSIGNMENT

SHIPS NAME

PETITE HERMINE
LAURENTIDE PARK

OFFICIAL NUMBER 173269.

Nationality and Port of Registry

BRITISH
MONTREAL

PARTICULARS OF SUPERSTRUCTURES, TRUNKS, CASINGS, DECKHOUSES

	Coaming	Plating	Stiffeners	Spacing	End Attachments	No. and size of Openings	Height of Sills	Height of Casings
Poop Bulkhead		—						
R.Q.D. "		—						
Bridge Aft Bulkhead		—						
" Forward "		—						
Forecastle Bulkhead		—						
Trunk, Aft		—						
" Forward		—						
Exposed Machinery Casings on Freeboard or R.Q. Deck	1 1/32	5/16	3 x 3 x 5/16	30"	BxTs	5 x 2'3"	24'2 1/8"	10'6"
Exposed Machinery Casings on superstructure decks		—						
Machinery Casings within Superstructures not fitted with Cl. 1 closing appliances		—						
Deckhouses on flush deck ships	5/16	5/16	S. 3 x 3 x 5/16 P. 5 x 3 x 5/16	36" 33"	BxTs	5 x 2'0"	24'2 1/8"	4'6"

PARTICULARS OF CLOSING APPLIANCES (state if capable of being manipulated from both sides)

Poop Bulkhead	—
R.Q.D. "	—
Bridge Aft Bulkhead	—
" Forward "	—
Forecastle Bulkhead	—
Exposed Machinery Casings on Freeboard or R.Q. decks	HINGED STEEL DOORS OPERATING BOTH SIDES.
Exposed Machinery Casings on superstructure decks	—
Machinery Casings within superstructures not fitted with Cl. 1 Closing Appliances	—
Deck houses on Flush Deck ships	HINGED WOOD DOORS (2" THICK) OPERATING BOTH SIDES.

PARTICULARS OF FREEING ARRANGEMENTS

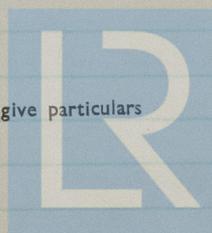
	Length of Bulwark	Height of Bulwark	No. and size of Freeing Ports each side	Area each side	Rule Area
After Well					
<i>On L. DEK Amidships</i>	132'0"	3'6"	1 @ 3'0" x 9" DEEP.	9 sq. ft.	
Forward Well					

State fore and aft position and height above deck to bottom of port, for each port

} After Well
10'
} Forward Well

State whether freeing ports are fitted with shutters, bars or rails, and give particulars

Give particulars of freeing port area, etc., on superstructure decks



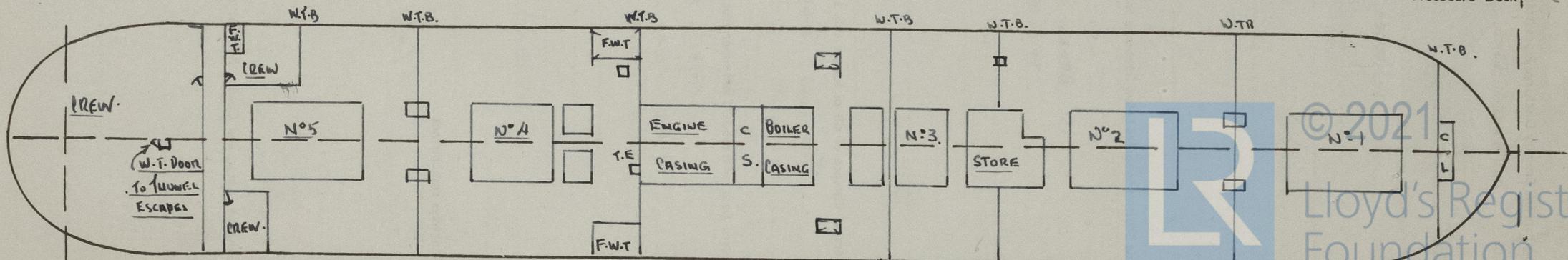
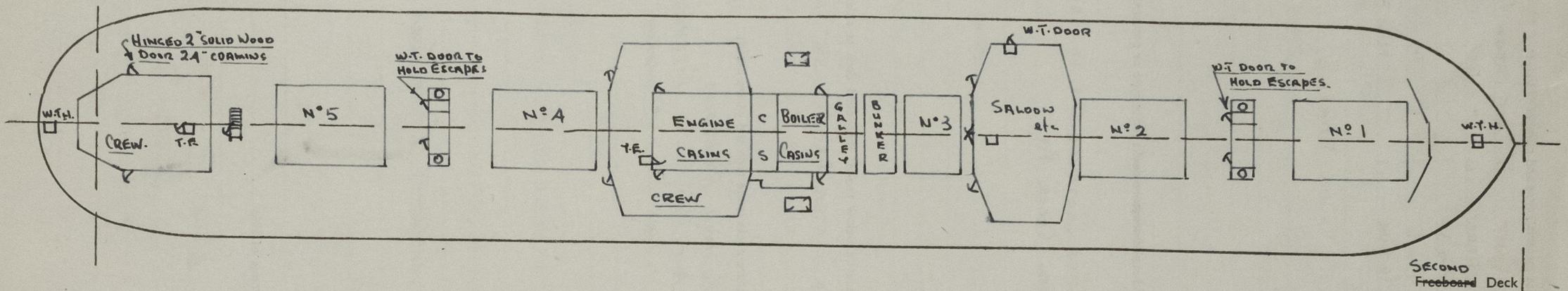
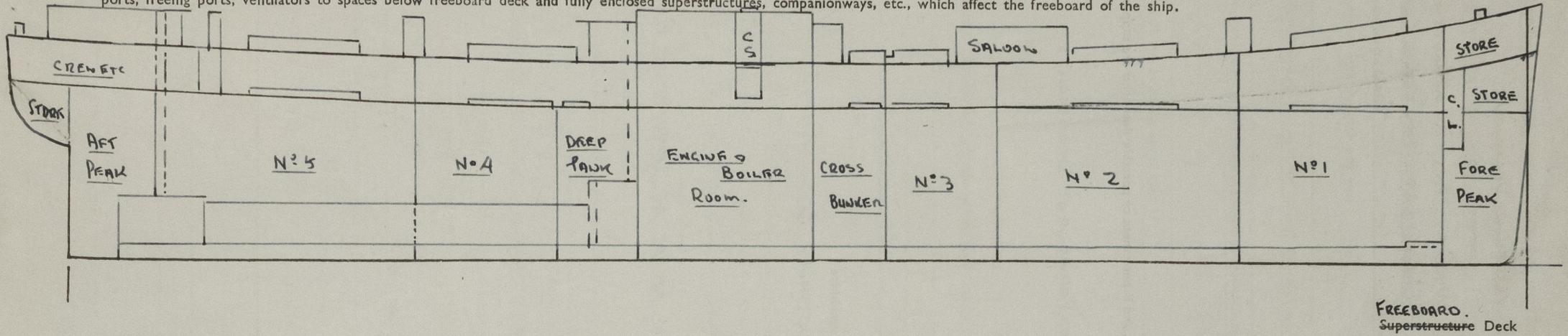
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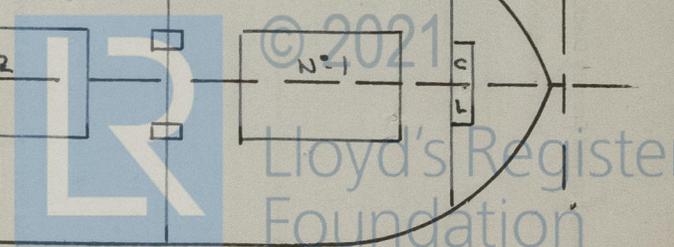
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Position and dimensions of superstructure decks, position of superstructure bulkheads and openings, extent and thickness of wood sheathing in wells, position of cargo and coaling hatchways, gangway, cargo and coaling ports, freeing ports, ventilators to spaces below freeboard deck and fully enclosed superstructures, companionways, etc., which affect the freeboard of the ship.

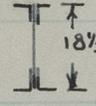


TRIMMING MATCHES FITTED ON 2ND DECK TO HOLDS WITH STEEL HINGED COVERS.



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PARTICULARS OF ALL HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS

Number and description of Hatchway from forward	Nº1	Nº2	Nº3	BUNKER	Nº4	Nº5	COAL HATCHES: P=5	W.T. STORE HATCH. FORD.	W.T. STORE HATCH TO STEERING GEAR
Dimensions of Hatchway	33'-9" x 20'-0"	35'-0" x 20'-0"	15'-0" x 20'-0"	8'-0" x 20'-0"	35'-0" x 20'-0"	35'-0" x 20'-0"	7'-2 1/2" x 4'-0"	3'-3" x 2'-6"	1'-9" x 2'-0"
COAMINGS	Height above steel deck	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-6"	2'-0"	2'-0"
	Thickness sides ends	7/16 7/16	D.	D.	D.	D.	D.	D.	D.
	Stiffeners	7 x 3 1/2 x 3/8 BA	"	"	"	"	"	"	"
	Brackets or Stays	1/32	"	"	"	"	"	"	"
HATCH BEAMS	Number	5	5	2	1	5	5		
	Spacing	5'-7 1/2"	5'-10"	4'-7 1/2 5'-10"	4'-0"	5'-10"	5'-10"		
	Scantling and Sketch	18 1/2 x 1/32	18 1/2 x 1/32	18 1/2 x 1/32	18 1/2 x 5/16	18 1/2 x 1/32	18 1/2 x 1/32		
	Bearing Surface and thickness of carriers or sockets	 5 x 3 x 3/8	D.	D.	D.	D.	D.		
FORE AND AFTERS	Number	/	/	/	/	/	/		
	Spacing	/	/	/	/	/	/		
	Unsupported lengths	/	/	/	/	/	/		
	Scantling and Sketch	/	/	/	/	/	/		
Bearing Surface and thickness of carriers or sockets	/	/	/	/	/	/			
HATCH COVERS	Material	BC FIR	As W'l	HINGED STEEL					
	Thickness	2 7/8						W.T. COVERS	
	How Fitted	F > A							
	Bearing Surface	3"						AWHARD'SHIP	
Spacing of Cleats	24"								
Number of Tarpaulins	2								

Are tarpaulins in good condition and in accordance with rule requirements? *YES*

Are lashings provided in accordance with rule requirements? *LOCKING BARS*

Are wood fore and afters steel shod at all bearing surfaces? *-*

Are battens and wedges efficient and in good condition? *YES*

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Give full particulars of the following:—

Fiddley, Funnel and Vent Coamings, Engine Room skylight and other openings in Machinery Casing tops and their means of closing (state height of coamings, type of fiddley covers, and if these are permanently attached in their proper positions)

E2B CASING TOPS 10' 0" ABOVE W. DECK

E.R. SKYLIGHT, STEEL WITH HINGED STEEL COVERS, PERMANENTLY ATTACHED
FUNNEL SECURED DIRECT TO CASING TOP. SKYLIGHT COAMING BOLTED TO CASING TOP BAR

ESCAPE HATCH TO B.R. 24" x 24" HINGED & ONE TONGUE WORKING BOTH SIDES
ON TOP OF FIDDLEY.

Flush Bunker Scuttles on freeboard and superstructure decks (state material, type of joints, etc., and if secured by hinge or permanent chain attachment)

NONE

Companionways on freeboard and superstructure decks (state material, height of doorway sills, type of doors, and if these can be closed and secured from both sides)

STEEL COMPANIONWAY TO CREW AFT 24" COAMING STEEL 2" HARDWOOD DOOR SOLID
WORKING FROM BOTH SIDES.

ENTRANCES IN DECKHOUSE AFT - 24" COAMING, 2" HARDWOOD DOORS SOLID. OPENING BOTH SIDES.
HINGED STEEL N.T. (RUBBER JOINTED & TONGUED) DOORS ON ALL ACCESSSES TO TW DECKS
AND HOLDS WORKED FROM BOTH SIDES. DO TO TUNNEL ESCAPE IN T. DK AFT.
DOOR (DOUBLE HINGED) 2" SOLID HARDWOOD GIVING ACCESS TO PANTRY AT AFT END
OF SALOON HOUSE FITTED WITH PORTABLE WOOD STRONG BACK

Ventilators in exposed positions on freeboard, raised quarter and superstructure decks to spaces below freeboard decks and fully enclosed superstructures enclosed by Class 1 appliances (state height of steel coamings, pitch of rivets in deck connection, type of closing arrangements)

W. DECK COAMINGS 36" MIN.
WELDED ABOVE AND BELOW DECK
WOOD PLUGS AND CANVAS COVERS FITTED

Airpipes in exposed positions on freeboard, raised quarter and superstructure decks (state height to opening and if satisfactory closing arrangements are provided)

HEIGHT 36" TO BOTTOM OF BEND ABOVE W. DECK
WOOD PLUGS & CANVAS COVERS FITTED.



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Scuppers and Sanitary Discharge Pipes (state material, type and number of valves)

IN TWEEN DECKS.	PORT	Y	OFF	STORM VALVES FROM DECKHOUSES
	STARBD	6	"	" " " " " "
	PDS	1	"	" " " " " " " DOUBLE AFT ACCOMMODATION
	PDS	1	"	" " " " " " " GEAR TO W/DK FROM REFRIG. CHAMBERS
	TU RUDDER TRUNK	1	"	" " " " " " " N.R. " " " " " " " TRANSOM COMPART.

VALVES BRASS

Side Scuttles to spaces below freeboard and ~~superstructure~~ decks (state type or pattern, and if permanent or portable deadlights are supplied)

10" BRASS SIDE SCUTTLES C.I. HINGED PERMANENT DEADLIGHTS TO CREW SPACE AFT

Vertical distance of sill of lowest side scuttle below top of freeboard deck at side amidships

FORE MOST SWR SCUTTER AFT IS 36" VERTICALLY BELOW W. DECK.

Guard Rails on freeboard and superstructure decks (state type and where fitted)

STEEL BULWARK AMIDSHIPS
3 ROD RAILS AND STANCHIONS ELSEWHERE EXCEPT AT SPIRKEETING PLATE WHICH EXTENDS TO FORE END NO. 1 HATCH

Gangways and Lifelines

F.S.W.R LIFELINES FITTED FORE AND AFT

Gangway, Cargo and Coaling Ports in sides of ship

NONE



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SUPPLEMENTARY REQUIREMENTS FOR STEAMER CARRYING TIMBER DECK CARGOES

Do Superstructure and Machinery Casings comply with rules?

Is provision made for protection of steering gear?

Is emergency steering gear provided?

Are efficient sockets and eyes for lashings provided and properly spaced?

State particulars of longitudinal subdivision in double bottom

State particulars of Bulwarks and Rails

Particulars of any Special Features in the construction of the Ship

Endorsement at first survey and at surveys for Renewal of Certificate:—

The fittings and appliances are in accordance with the particulars shown in the form and are in good condition



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