

Lloyd's Register of Shipping.  
SURVEYS FOR FREEBOARD.  
(CONDITIONS OF ASSIGNMENT.)

Ship's Name *M.V. "GLADONIA"*

Port of Survey *HULL.*

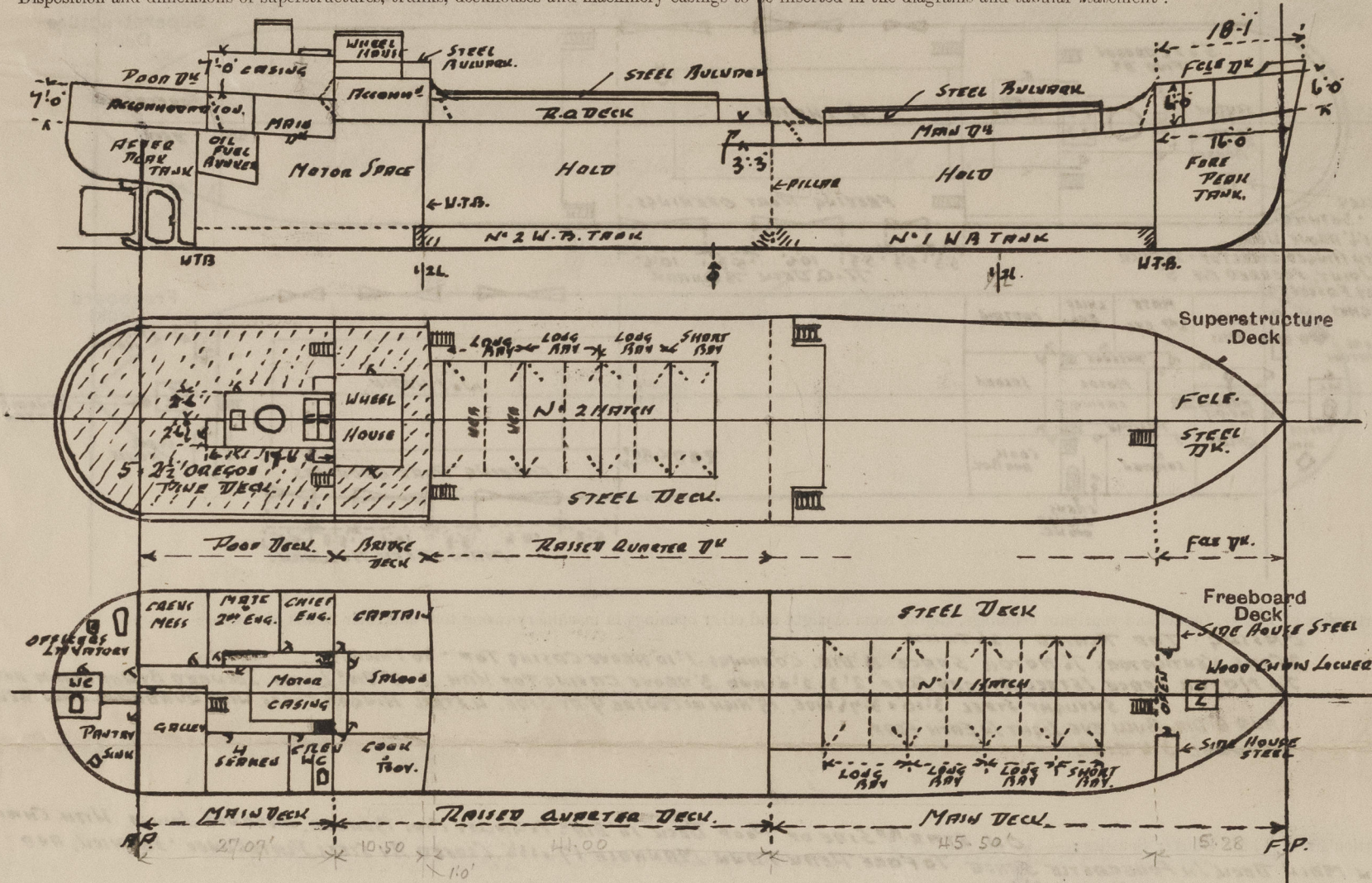
Official Number

Surveyor's Signature

Nationality and Port of Registry **BRITISH KEADBY.**

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	N <sup>o</sup> 15 FRAME	✓ 30	DIAPHRAGM PLATES 2½, 2½, .25	30	✓	STAIRWAY OPENINGS 7'0" x 2'3"	✓	7'0"
Raised Quarter Deck Bulkhead	N <sup>o</sup> 45 FRAME	✓ 30	3, 3, .30	3'9"	DIAPHRAGM PLATES AND DEEP LUGS	NONE	✓	3'3"
Bridge, After Bulkhead	N <sup>o</sup> 15 FRAME	✓	✓	✓	✓	✓	✓	✓
Bridge, Forward Bulkhead	...	✓ 25	3, 2½, .30	30	LUGS ✓	NONE	✓	7'0"
Forecastle Bulkhead	SIDE HOUSES	✓ 25	3' FLANGES	30	✓	1 STEEL DOOR GREEN HOUSE 4'0" x 1'9"	19"	6'0"
Trunk, Aft	...	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward	...	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Free-board or Raised Quarter Decks	...	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Superstructure Decks	ON POOP DECK	✓ 26	3, 2½, .30	30 AND 24	KNEES AT TOP	2 TEAK DOORS TO CHAINS. 2 TEAK DOORS TO MOTOR SPACE 4'7" x 1'9"	19" ABOVE POOP DECK	7'0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	INTER POOP SPACE	18½ x 30	✓ 26	3, 2½, .30	30 AND 24	✓	NO OPENINGS	✓
Deckhouses on Flush Deck Ships	...	✓	✓	✓	✓	✓	✓	✓

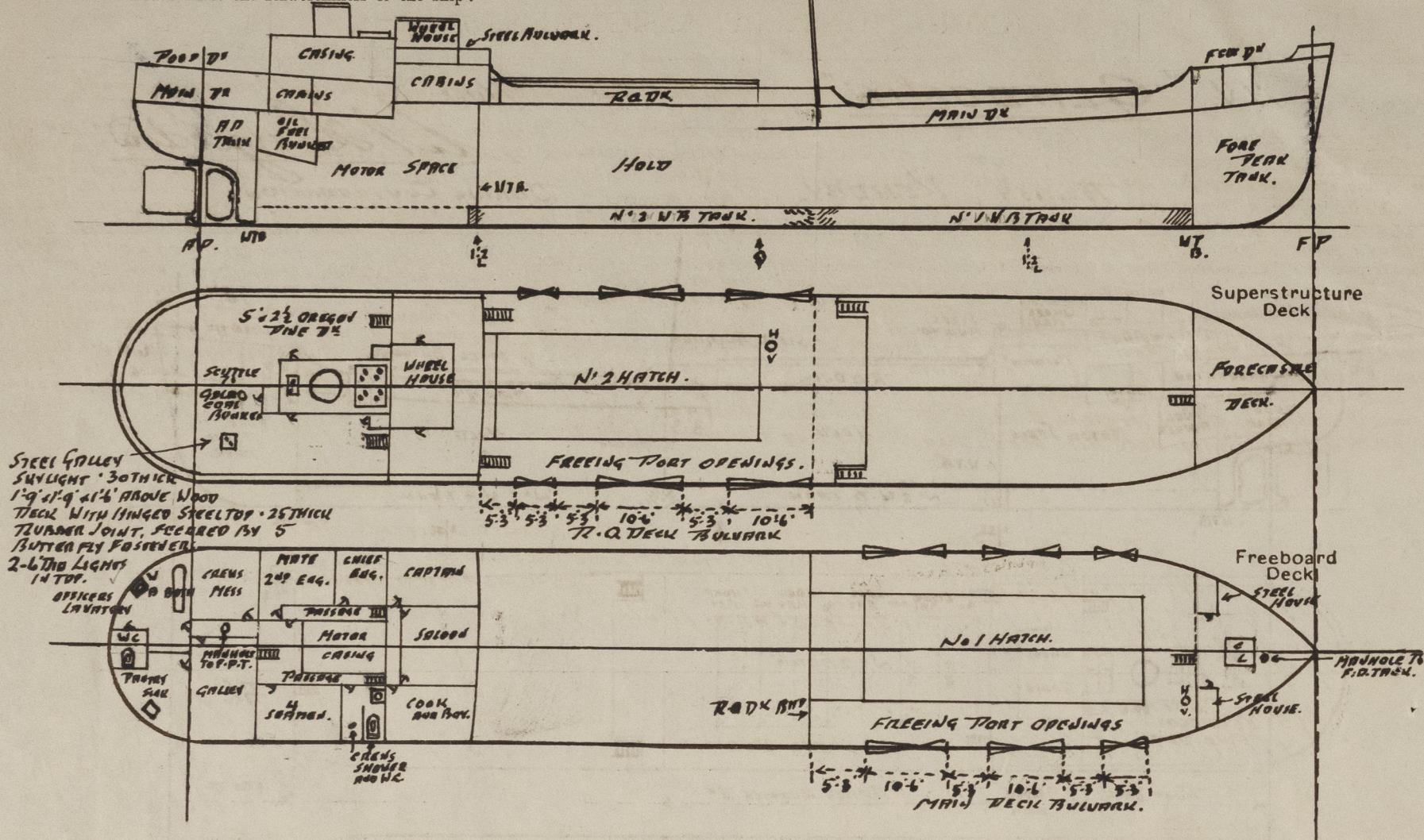
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead	AT W <sup>15</sup> FRAM <sup>E</sup>	2 OPENINGS FOR LADDERWAYS TO ACCOMMODATION 7'0" x 2'3" NO DOORS.
Raised Quarter Deck Bulkhead	N <sup>145</sup> FRAM <sup>E</sup>	NO OPENINGS.
Bridge, After Bulkhead	...	✓
Bridge, Forward Bulkhead	...	NO OPENINGS
Forecastle Bulkhead	...	FORECASTLE SIDE HOUSES 1 P. 15. HINGED STEEL DOORS 4'0" x 1'9" WITH SPRING LOCK GALVANISED HANDLES BOTH SIDES.
Exposed Machinery Casings on Free-board or Raised Quarter Decks	...	✓
Exposed Machinery Casings on Superstructure Decks	ON POOP DECK	4 DOORS 1 STARBOARD SIDE SALOON ENTRANCE, 1 AFTER END CENTRE TO CREW SPACE, 1 PORT AND 1 STARBOARD TO MOTOR SPACE, DOORS 4'9" x 1'9" FRAMES OF TEAK 1 5/16" THICK, WITH 2 PANELS 7/8" THICK. BRASS SPRING LOCKS WITH HANDLES BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances	...	NO OPENINGS.
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 fiddley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

- CASING TOP PLATED '26 THICK.
- 2 COAL VENTILATORS TO MOTOR SPACE 8' DIA. COAMINGS 1'10" ABOVE CASING TOP '30 THICK.
- TO MOTOR SPACE 16 STEEL HINGED FLAP 2'3" x 2'6" AND 3' ABOVE CASING TOP WITH 2-6" DIA. LIGHTS. SECURED BY QUADRANT AND PIN BELOW.
- SKYLIGHT STEEL 3'10" x 3'7 1/2" WIDE, 19" HIGH AT CENTRE 9" AT SIDE, 4 STEEL HINGED FLAPS WITH QUADRANT & PIN BELOW.
- AND 6' DIA. BULL EYE LIGHT IN EACH FLAP.
- FUNNEL 3'6" DIA.

Particulars of Flush Bunker Scuttles:— ON STARBOARD SIDE OF POOP DECK 16' DIA. TO GALLEY COAL BUNKER. BAYONET JOINTS WITH CHAIN ATTACHMENT. ON MAIN DECK IN FORECASTLE SPACE TO FOREPEAK TANK MANHOLE 17'13 1/2". CLOSED BY STEEL PLATE COVER '38 THICK, AND SECURED BY 16 - 5/8 STUDS 3 1/2" APART. ON MAIN DECK IN POOP SPACE TO AFTER PEAK TANK MANHOLE 17'13 1/2" CLOSED BY STEEL PLATE COVER '38 THICK AND SECURED BY 16 - 5/8 STUDS 3 1/2" APART.

Particulars of Companionways:— ON POOP DECK ENTRANCE TO CREW'S SPACE AND CAPTAIN'S ACCOMMODATION PART OF BUILT STEEL CASINGS. MOTOR SPACE ENTRANCE PORT AND STARBOARD SIDES OF CASINGS ON POOP DECK.

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

- ON MAIN DECK TO HOLD COAL VENT 12' DIA. COAMING 36" x 38 THICK ON STARBOARD SIDE FORWARD END OF FORE HULL.
- ON R.Q. . . . . 12' . . . . 30' x 38 . . . . PORT SIDE FORE END N°2 HATCH.
- ON POOP . . . . CABIN PASSENGER TWO COAL VENTS. 6' DIA. COAMING 30" ABOVE WOOD DECK '27 THICK. PORT SIDE . . . . STARBOARD . . . .
- BRIDGE . . . . MOTOR SPACE 1 P.V.S. . . . . 6' . . . . 30' . . . . 27' . . . .
- ACCOMMODATION ONE . . . . 5' . . . . 30' . . . . 27' . . . . IN CENTRE END OF WHEEL HOUSE.
- TWO MUSHROOM . . . . 5' . . . . 20' . . . . CASING TOP '30' . . . .
- CASING TOP TO MOTOR SPACE TWO COAL VENTS. 8' . . . . 20' . . . . CASING TOP '30' . . . .
- POOP DECK 11 MUSHROOM VENTS 5' DIA. TO POOP ACCOMMODATION.

WOOD PLUGS AND CANVAS COVERS SUPPLIED FOR VENTILATORS.

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

- ON FORECASTLE DECK FROM FOREPEAK TANK 3' DIA. GOOSE NECK 1/8" TO MOUTH PROTECTED UNDER BAY CHOCK.
- MAIN DECK FROM N°1 TANK 3' DIA. GOOSE NECK 3'7" TO MOUTH LED UP AFTER SIDE OF FORECASTLE SIDE HOUSES 1 PORT 1 STARBOARD.
- R.Q. . . . . 2 . . . . 3' . . . . 2'4" . . . . UNDER STEEL BULKHEAD 1 PORT AND 1 STARBOARD.
- POOP . . . . AFTER PEAK TANK 3' . . . . 18 1/2' . . . .
- CASING TOP FROM OIL FUEL BUNKERS 3' . . . . 6' . . . . ABOVE CASING TOP FITTED WITH BRASS GAUZE.

GOOSE NECK AIR PIPES HAVE 3/8" SNIFFING HOLE AT TOP OF BEND.

SUPPLIED WITH WOOD PLUGS SECURED BY CHAIN.



Particulars of Gangway Cargo and Coaling Ports:— *NONE FITTED.*

Particulars of Scuppers and Sanitary Discharge Pipes:— *SCUPPERS FROM MAIN DECK CUT THROUGH STRINGER ANGLE 3 PORT AND 3 STERN*

Particulars of Scuppers and Sanitary Discharge Pipes:— SCUPPERS FROM MAIN DECK CUT THROUGH STRINGER ANGLE 3 PORT AND 3 STARBOARD  
R.Q.  
SCUPPER FROM POOP DECK 1 PORT 1 STARBOARD OF 1 1/2" DIA GALVANIZED IRON PIPE LED THROUGH POOP SIDE WITH ELBOW 9" ABOVE MAIN DECK.  
SANITARY PIPES. IN POOP SPACE STARBOARD SIDE CREWS W.C. ON MAIN DECK DISCHARGE 4" DIA. BRASS STORM VALVE 12" ABOVE MAIN DECK  
 AND ALSO CONTROLLED BY 3/4" DIA. RODS WITH UNIVERSAL JOINTS AND WHEEL FROM ABOVE POOP DECK. IN POOP SPACE MAIN DECK STARBOARD  
 SIDE CREWS SHOWER DISCHARGES BY 1 1/2" BRASS STORM VALVE 5' BELOW MAIN DECK 1 1/2" IRON PIPE. SCUPPER FROM WASH PLACE WITH 1 1/2" BRASS  
 SCREEN PLUG AND CHAIN AT MAIN DECK. CREWS WASH BASIN DISCHARGES BY 1 1/2" BRASS STORM VALVE 8' BELOW MAIN DECK ALSO SHUT OFF COCK  
 9' ABOVE MAIN DECK. STARBOARD SIDE PASSAGE IN POOP SPACE SCUPPER 1 1/2" DIA. LED TO WASH PLACE STORM VALVE 8' BELOW MAIN DECK ALSO WITH  
 BRASS SCREEN PLUG AND CHAIN AT MAIN DECK. GALLEY ON STARBOARD SIDE OF MAIN DECK IN POOP SPACE SCUPPER 2" IRON PIPE LED TO 2" BRASS  
 STORM VALVE 8' BELOW MAIN DECK ALSO BRASS SCREEN PLUG AND CHAIN AT MAIN DECK. PAENTRY STARBOARD SIDE OF MAIN DECK IN POOP SPACE  
 FROM SINK 1 1/2" DIA IRON PIPE LED TO BRASS STORM VALVE 11" ABOVE MAIN DECK, ALSO SHUT OFF COCK BETWEEN STORM VALVE AND SINK.  
 OFFICERS W.C. ON PORT SIDE OF MAIN DECK LED TO 4" BRASS STORM VALVE ON STARBOARD SIDE AND 6" ABOVE MAIN DECK ALSO CONTROLLED BY 3/4"  
 DIA. ROD AND WHEEL ABOVE POOP DECK. OFFICERS WASH BASIN 1 1/2" PIPE LED TO BRASS STORM VALVE 11" ABOVE MAIN DECK ALSO WITH SHUT  
 OFF COCK ON DISCHARGE PIPE. OFFICERS BATH 1 1/2" PIPE LED TO BRASS STORM VALVE 8' BELOW MAIN DECK ALSO WITH SHUT OFF COCK  
 ABOVE MAIN DECK. SCUPPER FROM OFFICERS LAVATORY DISCHARGED FROM 1 1/2" BRASS STORM VALVE 8' BELOW MAIN DECK, ALSO 1 1/2" BRASS  
 SCREEN PLUG AND CHAIN AT MAIN DECK. FROM PORT SIDE PASSAGE IN POOP SPACE 1 1/2" IRON PIPE DISCHARGES FROM BRASS STORM  
 VALVE 8' BELOW MAIN DECK ALSO SCREEN PLUG BRASS AND CHAIN AT MAIN DECK.

### Particulars of Side Scuttles:—

[illegible]

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

Particulars of Guard Rails:— *ON FORECASTLE DECK AT SIDES AND AFTER END 3'-0" HIGH. 2 RODS TOP ROD 1" DIA. BOTTOM . 7/8". STANCHIONS 5'-0" APART. ✓*

MAIN DECK FORE WELL STEEL BULWARK STRONGLY CONSTRUCTED.  
RAISED QUARTER DECK " " " " " "

POOP DECK OPEN TRAILS 3'-3" HIGH 3 RODS <sup>1" DIA</sup> <sub>17/8</sub>. STANCHIONS 5'-0" APART. ✓

BRIDGE BULWARK STEEL 3'-0" HIGH AT SIDES AND ENDS. ✓

Particulars of Gangways, Lifelines, etc.:— GANGWAY OF 2¼" WHITE PINE FROM FORE END OF N°1 HATCH TO FEEL LADDER.  
LIFELINES FROM EYE PLATES ON BRIDGE FRONT TO FORECASTLE FRONT. WITH TIGHTENING SCREENS. ✓

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 ... ..	42'-0"	3'-0"	AS PER SKETCH ON OPPOSITE PAGE. 20FF 10'-6" x 6" WIDE 1. 5'-3" x 6"	3 ✓		
Forward Well ... ..	45'-6" ✓	3'-3"	DO 20FF 10'-6" x 7" WIDE. 1. 5'-3" x 7"	3 ✓		

State position of each freeing port ... .. { After Well :— ← POSITION OF OPENINGS SEE SKETCH ON OPPOSITE PAGE.  
7" ABOVE DECK  
(F. and A. position and height above deck edge) { Forward Well :— ← 7½ . . .

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— *NONE (OPENINGS.)*

Additional area where sheer is less than standard.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
Description of Hatchway		No 1 HATCH MAIN DECK		No 2 HATCH RAISED QUARTER DECK					
Dimensions of Hatchway		35'-0" x 15'-0"		35'-0" x 15'-0"					
COAMINGS	Height above Deck	{ 4'-9" AFTER END 3'-3" FORE END		{ 2'-10" AFTER END 2'-9" FORE END					
	Thickness	3/4"		3/4"					
	Stiffeners	7 x 3" 36 BA.		7 x 3" 36 BA.					
	Brackets, Stays	4 x 2 1/2" 33 BA.		HERCH SIDE 6 x 30					
HATCH BEAMS	Number	6		6					
	Spacing	5'-0"		5'-0"					
	Scantling and Sketch								
	Bearing Surface	3"		3"					
FORE AND AFTERS	Number	NONE.		NONE.					
	Spacing								
	Unsupported Lengths								
	Scantling* and Sketch								
HATCH COVERS	Material	RED PINE IN SINGLE PLANKS.		RED PINE IN SINGLE PLANKS.					
	Thickness	1 1/2" x 2 1/2"		1 1/2" x 2 1/2"					
	How fitted	FORE AND AFT.		FORE AND AFT.					
	Bearing Surface	3 1/2"		3 1/2"					
Spacing of Cleats	24" FITTED AT AN ANGLE.		24" FITTED AT AN ANGLE.		SIDE CLEATS ARE OF 6 x 3 x 3/4 ANGLES WITH 2 RIVETS ON TOP OF F.A. BA. STIFFENER AND END CLEATS ON END CORNERS 2 1/2 x 1/2 WITH 2 RIVETS				
Number of Tarpaulins	2 BY SPEEDINGS IN SUNDERLAND.		2 BY SPEEDINGS LTD SUNDERLAND.						
*Are wood fore and afters steel shod at all bearing surfaces? NONE FITTED. ✓ 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? TWO 1/2" WIRE LASHINGS WITH TIGHTENING SCREENS FOR EACH LONG BAY OF COVERS, AND 1 LASHING FOR EACH SHORT BAY OF COVERS (SHORT BAYS ARE THE FORWARD BAYS OF NO 1 AND 2 HATCHES) SECURED TO RIVETED EYE PLATE ON F.A. HORIZONTAL STIFFENER ON PORT SIDE OF HATCH, AND TO RIVETED EYE PLATE ON MAIN AND QUARTER DECKS ON STARBOARD SIDE OF HATCHES. ✓									

Particulars of any special features:—

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

The fittings and appliances are in accordance with the particulars shown on this form (or as now modified) and are in good condition.



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Foundation