

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

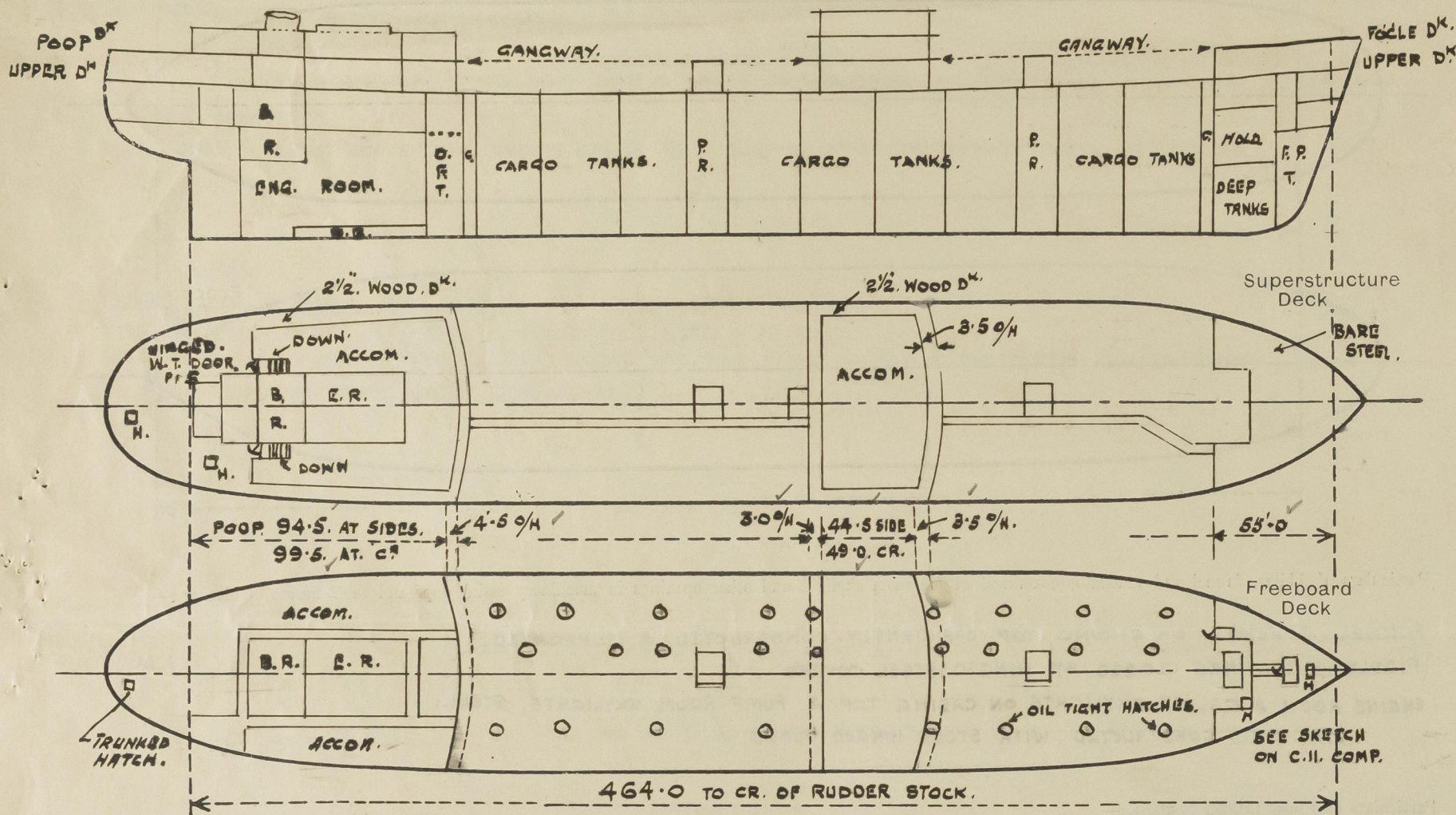
(CONDITIONS OF ASSIGNMENT.)

Ship's Name BRITISH COMMANDER.Port of Survey GLASGOW.

Official Number

Surveyor's Signature George YuleNationality and Port of Registry BRITISH LONDON.Date of Survey WHILST BUILDING.

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



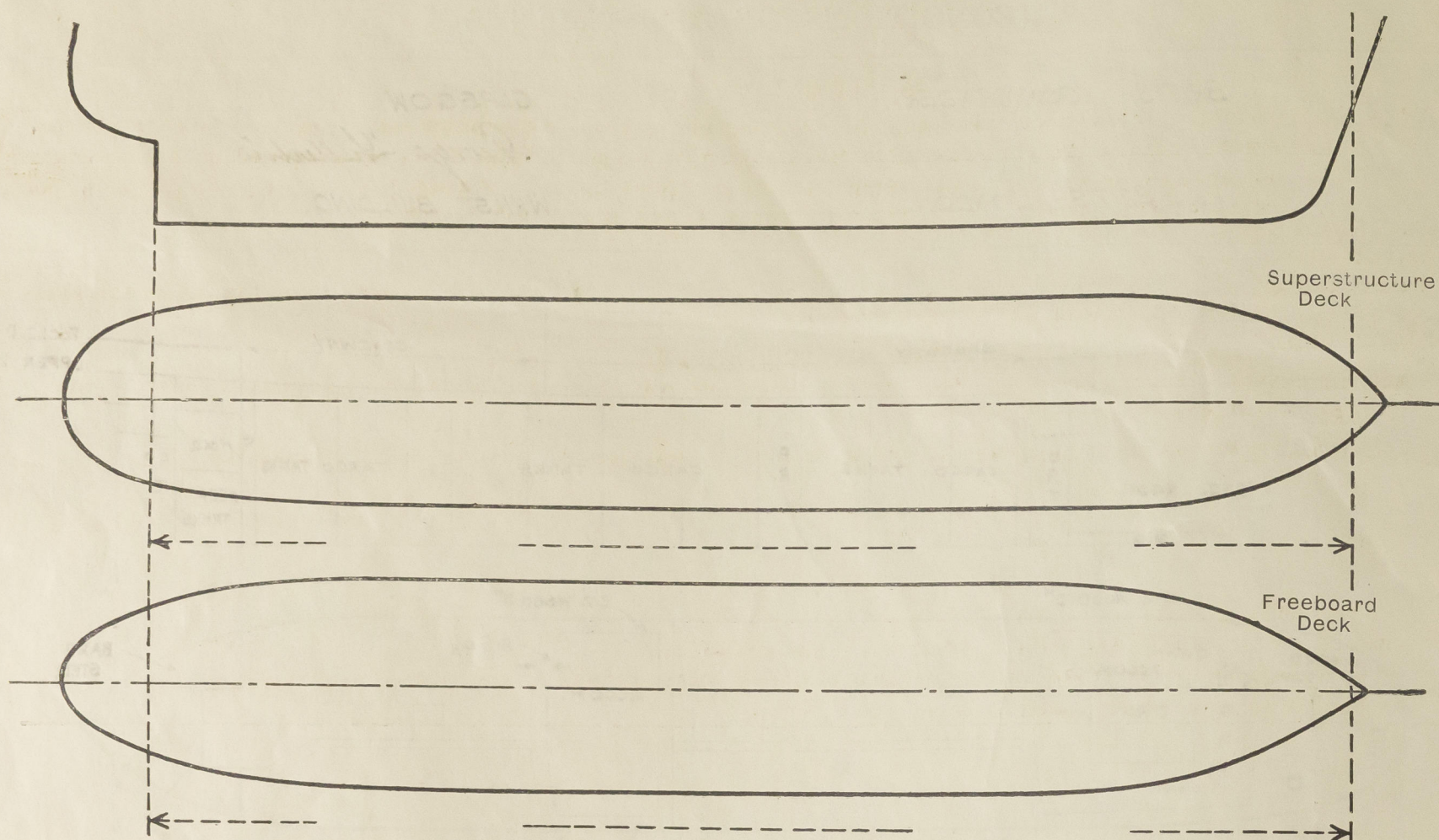
Particulars of Superstructures, Trunks, Casings, Deckhouses.

	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	SIDES. CENTRE	.46/.44	B.A. 10 x 3 1/2 x .46 B.A. 10 x 3 1/2 x .40 ALSO 2 WELDED 6. F. 2 A. STEEL B.HDS.	33" 30"	WELDED T. & B.	2 @ 5'-0" x 3'-0"	18"	8'-0"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...		.34/.30	4 x 3 x .36 O.A. 4 x 3 x .32 O.A.	33" 26"	JOINTERS.	2 @ 4'-1" x 3'-1"	18"	8'-0"
Bridge, Forward Bulkhead ...		.46	B.A. 10 x 3 1/2 x .40	27" - 33"	WELDED T. & B.	1 @ 5'-0" x 3'-0"	16 1/2"	8'-0"
Forecastle Bulkhead ...	AFT...	.34	4 x 3 x .32 O.A.	28"	NONE.			
Trunk, Aft ...	ELSEWHERE...	.30	4 x 3 x .32 O.A.	27"	RIV. TO BEAMS ON F. & A. B.HDS.	2 @ 4'-3" x 2'-3"	18"	8'-0"
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...								
Exposed Machinery Casings on Superstructure Decks ...	BOILER CASING.	.30	4 x 2 1/2 x 5/16 O.A.	80"	BKTS AT TOP OVERLAPS GROUND BAR AT BOTTOM.	2 @ 5'-0" x 2'-6"	18"	8'-3 1/2"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...								
Deckhouses on Flush Deck Ships ...	FRONT. SIDES. & AFT END	.40/.36	5 x 3 x 5/16 O.A. 4 x 3 x 3/8 O.A. WELDED TOE TO PLATE	28" 30"	WELDED T. & B.	1 @ 4'-3" x 2'-3" IN EACH HOUSE.	24"	7'-6"
PUMP ROOM ENTRANCES								

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

Poop Bulkhead ...	2. HINGED STEEL W.T. DOORS. MANIPULATED BOTH SIDES.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	STORM BOARDS IN WELDED CHANNELS AND PORTABLE STEEL PLATES SECURED BY HOOK BOLTS. NOT PASSING THROUGH BULKHEAD.
Bridge, Forward Bulkhead ...	1. HINGED STEEL W.T. DOOR MANIPULATED FROM BOTH SIDES.
Forecastle Bulkhead ...	2. HINGED STEEL W.T. DOORS. MANIPULATED FROM BOTH SIDES.
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	STORM BOARDS IN WELDED CHANNELS AND PORTABLE STEEL PLATES SECURED BY HOOK BOLTS. NOT PASSING THROUGH BULKHEAD.
Exposed Machinery Casings on Superstructure Decks ...	BOILER CASING 2. HINGED STEEL W.T. DOORS. MANIPULATED FROM BOTH SIDES.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	
Deckhouses on Flush Deck Ships ...	1. HINGED STEEL W.T. DOOR, AFT END OF EACH HOUSE, MANIPULATED FROM BOTH SIDES.
PUMP ROOM ENTRANCES	

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

FUNNEL & VENTS ON CASING TOP EFFICIENTLY CONSTRUCTED & SUPPORTED.

FIDDLEY. GRATINGS CLOSED BY HINGED STEEL COVERS.

ENGINE ROOM & GALLEY SKYLIGHTS ON CASING TOP & PUMP ROOM SKYLIGHTS, STEEL EFFICIENTLY CONSTRUCTED WITH STEEL HINGED FLAPS. ✓

Particulars of Flush Bunker Scuttles :—

NONE

Particulars of Companionways :-

TO CHAIN LOCKER. PLATING. $\cdot 30''$, STIFFENERS. $4 \times \frac{3}{8}''$ WELDED FLATS. SPACED $36''$ ✓
WITH CASTIGHT DOOR $4' \cdot 3 \times 2' \cdot 3$ OPERATED BOTH SIDES. GILL $18''$ ✓
BRIDGE DECKHOUSE. LADDER TO BRIDGE SPACE. PLATING. $\cdot 30$ ON FRONT. $\cdot 28$ SIDES & AFT END. ✓
STIFFENERS. $4 \times 2\frac{1}{2} \times \frac{3}{8}''$ QA. SPACED $27' \cdot 36''$ SOLID WOOD AT AFT END $5' \cdot 3 \times 2' \cdot 1$ GILLS. $15\frac{1}{2}''$. O.B.S. ✓
POOP DECKHOUSE. LARGER WAYS. $1 \cdot 1 \cdot 1$ PLATING. $\cdot 30' \cdot 32$ ON FRONT. $26' \cdot 20$. SIDES & AFT END. ✓
STIFFERS $4 \times 2\frac{1}{2} \times \frac{3}{8}''$ B.A. FRONT. $4 \times 2\frac{1}{2} \times \frac{3}{8}''$ QA. ELSEWHERE SPACED $27' \cdot 36''$ SOLID WOOD DOORS AT SIDES.
 $5' \cdot 1'' \times 2' \cdot 7''$ GILLS. $15\frac{1}{2}''$ O.B.S. W.T. DOORS AT AFT END $4' \cdot 3 \times 2' \cdot 3$ GILLS. $18''$ O.B.S. ✓

PUMP ROOMS. - SEE PAGE. 1.

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

FORECASTLE DECK.			COAMINGS.		POOP DECK.		
2 - 6" DIA.	COWL VENTS.	36" x 30" TO F.P. SPACE.	2 - 6" DIA.	COWL VENTS	COAMINGS.	30" x 30" TO STEERING GEAR.	
2 - 8" "	" "	36" x 30" " F.P. SPACE.	2 - 6" DIA.	" "	" "	30" x 30" " STORE	
2 - 12" "	" "	36" x 34" " HOLD	1 - 11" DIA.	" "	" "	30" x 32" " REFRIG. MACH. ^Y	
2 - 12" "	" "	36" x 34" " TW. DKS	12 - 8" x 4"	SWAN NECK	" "	30" " " POOP ACC. ^Y	
1 - 12" "	" "	36" x 34" " FORD PUMP ROOM.					

UPPER DECK.

4 - 24" DIA. COWL VENTS, COAMINGS, 13'0" x 40' TO PUMP ROOMS.
EFFICIENTLY SUPPORTED. ✓

ALL VENTS CLOSED BY WOOD PLUGS & CANVAS COVERS.

Particulars of Air Pipes in exposed positions on freeboard, ~~raised quarter,~~^{2.} or superstructure decks:—

FORECASTLE DECK.
2 - 4" & 2 - 6" DIA. 36" HIGH. TO F.P. & DEEP TANKS.

UPPER DECK.
8 - 4" DIA 11'-6" HIGH TO FORD. C². OIL FUEL BUNKERS. ✓
SETTLING TANKS. EFFICIENTLY SUPPORTED.

1- 4" DIA FROM EACH CARGO TANK LED INTO
6" MAIN WHICH IS FITTED UP MASTS. & FITTED
WITH GAUZE. ✓

POOP DECK.

3	- 2 $\frac{1}{2}$ " DIA.	18" HIGH. TO D.B. COFF. & STERN COMP.	
3	- 3"	18 " " RUDDER TRUNK & F.W. TANKS	
2	- 4"	18 " " D.B. FEED TANK.	/
2	- 4"	36 " " " OIL FUEL TANK	/
2	- 4"	TO D.B. LUB OIL TANK LED UP FUNNEL	/
2	- 6"	30" TO AFT TANK TANK.	/

AIR PIPES WHERE FITTED WITH GAUZE HAVE CANVAS COVERS.

OTHER PIPES CLOSED BY WOOD PLUGS & CANVAS COVERS OR AUTOMATIC CLOSING.

Particulars of Gangway Cargo and Coaling Ports :—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :—

SCUPPERS.

UPPER DECK. WHERE EXPOSED, 6" x 2" OPENINGS CUT THROUGH SHEERSTRAKE & STRINGER BAR. FORECASTLE, BRIDGE AND POOP SPACES DRAINED BY 1" DIA SCREWED PLUGS. IN END BULKHEADS. POOP SPACE ALSO DRAINED BY PIPE DISCHARGING OVERBOARD ABOVE L.W.L. AND FITTED WITH BRASS STORM VALVES. SCREWED PLUGS ARE ALSO FITTED AT THE INNER ENDS OF PIPE SCUPPERS FROM POOP ALLEYSWAYS & REFRIGERATING CABINERS.

FORECASTLE DECK. DRAINED BY 2 1/2" PIPE SCUPPER P+S. TO UPPER DECK.

BRIDGE DECK. " " " " " " " " " " " "

POOP DECK. " " 3 " " " " & BY 3" PIPE SCUPPER P+S. LED OVERBOARD ABOVE.

L.W.L. FITTED WITH BRASS OPEN ENDS.

SANITARY DISCHARGES.

ALL DISCHARGES FROM POOP SPACE AND POOP & BRIDGE DECKHOUSES, LED OVERBOARD ABOVE L.W.L., FITTED WITH
BRAES ~~OPEN ENDS.~~ STORMVALVES.

SCUPPER & DISCHARGE PIPING BELOW UPPER DECK IS OF HEAVYWEIGHT QUALITY STEEL, GALVANIZED.

Particulars of Side Scuttles :—

POOP SIDES & FRONT, :- 12" DIA.

BRIDGE SIDES, FRONT, AFT END & FORECASTLE SIDES : - 10" DIA

ALL SIDESCUTTLES OF THOMPSON PATTERN, WELDED TO PLATING, BRASS FRAMES OF SUBSTANTIAL CONSTRUCTION AND FITTED WITH BRASS HINGED DEADLIGHTS.

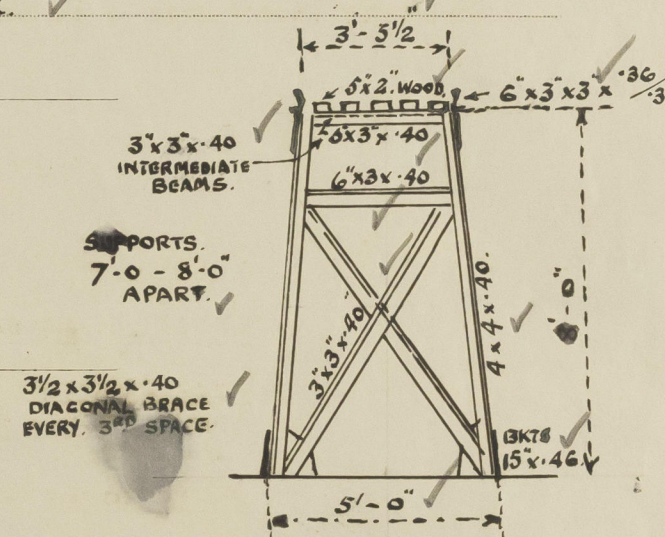
Vertical distance of Sill of lowest Side Scuttle above top of keel NO SCUTTLES BELOW UPPER DECK


Particulars of Guard Rails :—

UPPER DECK :- 4'-0" HIGH. 3. RODS. STANCHIONS 4'-6"-5'-0" APART.
POOP DECK :- 3'-9" " 3. " " 4'-6"-5'-6" "
BRIDGE DECK :- 3'-6" " 3. " " 4'-6"-5'-3" " AT ENDS
Do :- 3'-6" HIGH BULWARK OF EFFICIENT CONSTRUCTION AT SIDES
FORECASTLE DECK :- 3'-6" " 3. RODS. STANCHIONS. 4'-6"-5'-3" APART
F. 1A. GANGWAY :- 3'-6" " 2 " " 5'-0"-5'-3" "

Particulars of Gangways, Lifelines, etc. :—

GANGWAY BETWEEN POOP & BRIDGE DECKS.
& " BRIDGE & FORECASTLE DECKS

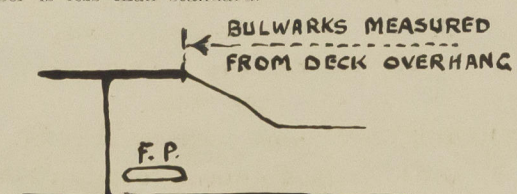


Particulars of Freeing Arrangements.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well	AFT FORD	SEE BELOW.	3'-11 1/4"	3'-0" x 9" 	1.	ALSO OPEN RAILS FOR 1/2 LENGTH OF WELLS.
Forward Well	AFT. FORD				3	
		3'-11 1/4"	3'-0" x 9"	2		
				1.		

State position of each freeing port { After Well :— 12" FORD OF POOP FRONT. 9' 20"-9' 2. 35'-2 ABOARD BRIDGE END. } 12" ABOVE DECK.
(F. and A. position and height above deck edge) { Forward Well :— 5' 2 17'-6" FORD OF BRIDGE FRONT. 15'-9 ABOARD FORECLE END. }

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— **No.**

Additional area where sheer is less than standard.



British Commander.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
← UPPER DECK → FOCLE DECK → POOP DECK. →											
Description of Hatchway	...	...	HATCH TO FORE HOLD.	CARGO OIL TANKS.	F.P. SPACE	FORD. TW. DECK	OIL FUEL BK. 2. OFF.	MANHOLES TO C.H. & SETT. TANKS. 12. OFF.	MANHOLE TO FORECASTLE	TO STORE IN. POOP SPACE.	TO POOP SPACE
Dimensions of Hatchway	...	...	6'9" x 10'0"	27. OFF. 4'0" DIA.	3'0" x 3'0"	2'6" x 2'0"	3'0" x 3'0"	23" x 18"	24" x 18"	2'6" x 2'6"	2'9" x 2'9"
COAMINGS	{	Height above Deck	30" /	12" /			30" /			9 1/2"	18 1/2"
		Thickness { Sides	44" /	50" /	9" x 3" x 40" B.A.	9" x 3" x 40" B.A.	40" /	12" x 3 1/2" x 50" O.A.	9" x 3" x 40" B.A.	40"	40"
		Stiffeners ...	2" x 2" x 50"				2" x 2" x 50" O.A.				
		Brackets, Stays	WELDED TO DECK ALL ROUND TOP.	✓	✓	✓	WELDED TO DECK ALL ROUND.	WELDED TO DECK	✓	✓	TYZACK SECTION ROUND TOP.
HATCH BEAMS	{	Number ...									
		Spacing ...									
		Scantling and Sketch									
FORE AND AFTERS	{	Number ...	12" x 50"								
		Spacing ...	F.K.A.								
		Unsupported Lengths	STEEL PL.								
		Scantling* and Sketch	WITH 6" x 3" x 44" O.A.S.	✓	✓	✓	✓	✓	✓	✓	✓
HATCH COVERS	{	Material ...	STEEL								
		Thickness ...	.60	.50	.50	.50	.50	.46	.46	.50	WOOD. 2 1/2"
		How fitted ...	W.T. COVER	O.T.	W.T.	W.T.	O.T.	O.T.	W.T.	W.T.	2 1/2"
		Bearing Surface ...	IN 2. PARTS	HINGED	HINGED	HINGED	HINGED	BOLTED	HINGED.	HINGED.	2 1/2"
Spacing of Cleats	...	...	← 13" - 16"	← 20"	← 18"	← 15" - 18"	← 17" - 20"	← 3 1/2" PITCH	← 15"	← 15" - 18"	← 2. PER SIDE
Number of Tarpaulins...	...	...	13" - 16"	20"	18"	15" - 18"	17" - 20"	3 1/2" PITCH	15"	15" - 18"	2. /
*Are wood fore and afters steel shod at all bearing surfaces? ✓											
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? ✓											

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



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