

# Lloyd's Register of Shipping.

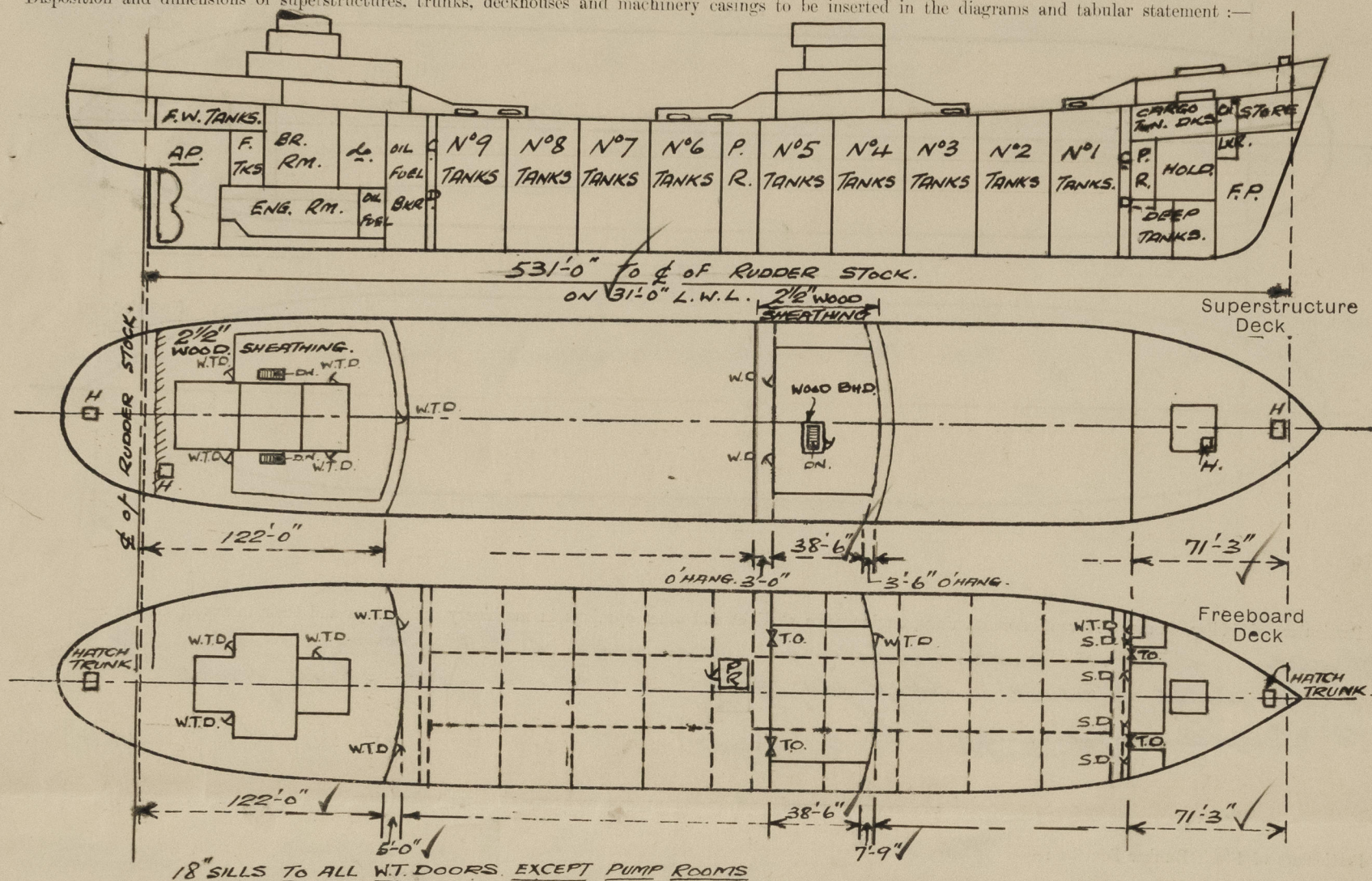
## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

 Index No. 39997  
 (For London Office only.)

Ship's Name "GENERAL SAN MARTIN" Port of Survey BIRKENHEAD.  
 Official Number ✓ Surveyor's Signature L. S. Phipps, Harry S. Newton  
 Nationality and Port of Registry ARGENTINA, BUENOS AIRES. 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 ...	.46"	.46"	10"x4"x.44" TOE ON	30" - 31"	welded Top & bottom	2@ 5'-0"x3'-0"	18"	8'-0"
Raised Quarter Deck Bulkhead ...	✓	✓	✓	✓	✓	✓	✓	✓
Bridge, After Bulkhead ...	30" & 32"	30" & 32"	5"x5/16" FB	24" - 32"	welded Top & bottom	2@ 4'-1"x3'-1"	19"	8'-0"
Bridge, Forward Bulkhead...	.44"	.44"	10"x4"x.44" TOE ON	24" - 30"	welded Top & bottom	1@ 5'-0"x3'-0"	18"	8'-0"
Forecastle Bulkhead...	32"	32"	5"x5/16" FB	24" - 34"	NONE.	1@ 4'-6"x2'-3" 2@ 4'-1"x3'-1" 4@ 5'-0"x2'-6" 1@ 5'-0"x3'-0"	24" 19" 18"	8'-0"
Trunk, Aft ...	✓	✓	✓	✓	✓	✓	✓	✓
Trunk, Forward ...	✓	✓	✓	✓	✓	✓	✓	✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	NONE							
Exposed Machinery Casings on <del>Super</del> Deck...	26"	26"	6"x3 1/2"x.42 L 4"x5/16" FB	30"	BKT. AT TOP	NONE.		8'-0"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	NONE.							
<del>PUMP RM ON UPPER</del> Deck ...	36"	36"	6"x3 3/8" TOE ON 5"x3/8" FB	25" - 34"	BKT. AT TOP WELDED AT BOTTOM	1@ 4'-3"x2'-3"	24"	8'-0"

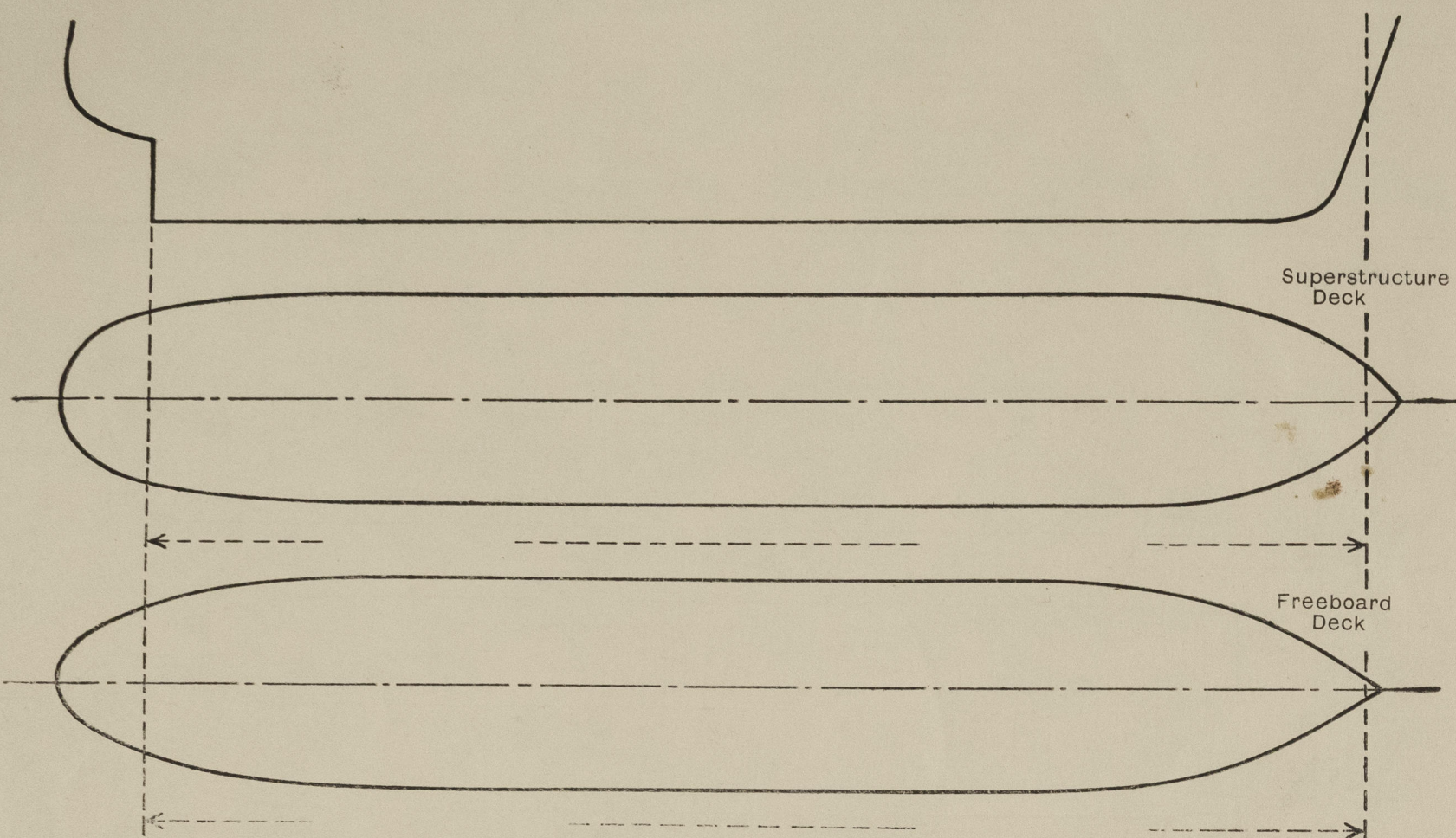
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Steel watertight doors, manipulated from both sides. ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	Portable steel plates with hook bolts. ✓
Bridge, Forward Bulkhead ...	Steel watertight door, manipulated from both sides. ✓
Forecastle Bulkhead...	Steel doors, manipulated from both sides & portable steel plates. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks...	NONE.
Exposed Machinery Casings on <del>Super</del> Deck...	No openings ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	None. ✓
<del>PUMP RM ON UPPER</del> Deck ...	Steel watertight door, 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 fiddle, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

*Fiddle, funnel and ventilator coamings & E.R. Skylight strongly constructed of steel. Skylight fitted with hinged steel flaps. No fiddle openings.*

Particulars of Flush Bunker Scuttles:—

*None*

Particulars of Companionways:— *In Forecastle front bld. leading to Pump room - steel watertight door 4'-6" x 2'-3" coaming 24" high and capable of being manipulated from both sides.*

*Poof Deckhouse:— To open stairways within leading to Poof Space - steel watertight doors 5'-0" x 2'-3" coaming 18" high and capable of being manipulated from both sides.*

*Bridge Deckhouse:— To open stairway within leading to Bridge space 1<sup>st</sup> wood doors (construction) 5'-6" x 2'-6" coaming 12" high and capable of being manipulated from both sides.*

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

Forecastle Deck				Poof Deck			
2	cowl vent. coamings	6" dia x 30" coaming	36" high To main th.	1	M.V. 17" dia x 40" x 30" coaming	To Refrig. M/ry.	
1	"	8" " x 30" "	30" " To Poof Space.	1	" " " x 30" x 30" "	" Passage.	
2	"	12" " x 34" "	36" " To Cargo hold.	2	" " " x 30" x 30" "	" Passage.	
1	"	8" " x 30" "	30" " To Poof Space.	1	15" " x 30" x 30" "	" Laundry.	
2	"	12" " x 34" "	36" " To Cargo hold.	1	11" " x 30" x 30" "	" Passage.	
1	"	6" " x 30" "	30" " To Poof Space.	1	11" " x 32" x 30" "	" Passage.	
1	"	6" " x 30" "	30" " To Lamp Rm.	2	C.V. 6" " x 30" x 30" "	" S.G. Compt.	
1	"	6" " x 30" "	30" " To Store.	2	6" " x 30" x 30" "	" Store.	
1	"	6" " x 30" "	30" " To Lavatory Store.	1	S.N.V. 6" x 14" x 30" x 30" "	" Store	
<b>Bridge</b>				1	6" x 14" x 30" x 30" "	" Oilskin Locker	
2	M.V. coamings	10" dia x 38" coaming	12" to Store & Trunk.	1	6" x 14" x 30" x 30" "	" Dirty Clothes Rm.	
1	"	6" " x 38" "	12" " Store.	2	6" x 14" x 30" x 30" "	" Burying Rm.	
1	"	6" " x 38" "	12" " Provision Rm.	Mushroom vents fitted with canvas covers & Swan Neck vents fitted with wood plugs			
1	"	6" " x 38" "	12" " Bonded Store.	Coast vents fitted with wood plugs & Canvas covers			
1	"	6" " x 38" "	12" " Baggage Rm.	X vents marked thus are <del>not</del> provided with closing appliances			
1	"	6" " x 38" "	12" " Store.				
1	"	8" " x 38" "	12" " Carpenter's Shop.				

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

**Forecastle Deck:—**  
 2 - 6" dia air pipes 18" to lip - F.P. Tank.  
 2 - 4" " " 36" " - Ford. deep tanks.  
 2 - 4" " " 36" " - Aft. deep tanks.  
 2 - 4" " " 36" " - Ford. Cofferdam.

**Poof Deck:—**  
 1 - 2 1/2" dia air pipe 18" to lip - Stern Compt.  
 1 - 4" " " 18" " - Rudder Trunk.  
 2 - 4" " " 18" " - D.B. Feed tank.  
 2 - 4" " " 36" " - Ford. Cofferdam.  
 2 - 4" " " 36" " - O.F. D.B. Tank.  
 2 - 4" " " 36" " - O.F. Bunkers.  
 2 - 4" " " 36" " - Cofferdam.  
 2 - 4" " " 36" " - O.F. Bunkers.

*Oil fuel air pipes fitted with wire gauge and efficient automatic closing top. All other air pipes fitted with wood plugs.*

Particulars of Gangway Cargo and Coaling Ports:— *None.*

Particulars of Scuppers and Sanitary Discharge Pipes:—

*All scuppers and sanitary discharges from spaces within the Poof led overboard and fitted with storm valves.  
 Forecastle cargo space drained through coils end bulkhead to Upper Deck and scuppers fitted with screwed drain plugs with chain attachment.  
 Paint Room in coils drained to upper Deck through coils end bulkhead and scuppers fitted with non return flap.*

*Scuppers and sanitary discharges from spaces on Poof and Bridge decks led overboard and fitted with storm valves.*

*No overboard discharges from spaces below the freeboard deck.  
 Bridge Space drains through end bulkhead, on to upper Deck and scuppers fitted with non return flaps.*

Particulars of Side Scuttles:— *All above freeboard deck.*

*To Poof Space:— 10" dia & 12" dia opening brass sidescuttles with hinged brass deadlights.  
 To Bridge Space:— 10" dia opening brass sidescuttles with hinged brass deadlights.*

Vertical distance of Sill of lowest Side Scuttle above top of keel *None below freeboard deck*

Particulars of Guard Rails:— *Freeboard deck:— Bulwark 4'-0" high x 30" plate with 6" x 3 1/2" x 40" B.A. rail bar & bulwarks. (At Stp<sup>rs</sup> ends) and 40" plate 8'4" stais with 3" flange spaced 6'-0" apart, also 3 guard rails with stanchions 3'-9" high and 4'-7" apart.*

*Poof Deck:— 3 guard rails with stanchions 3'-3" high & 5'-6" apart.*

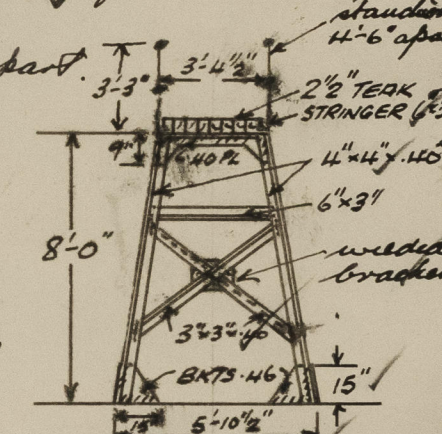
*Bridge Deck:— Bulwark at side and 3 guard rails 3'-3" high stanchions 5'-0" apart.*

*Forecastle Deck:— 3 guard rails with stanchions 3'-3" high & 4'-6" apart.*

Particulars of Gangways, Lifelines, etc.:— *Fore & aft gangway as shown in sketch fitted between Poof and Bridge and Bridge and Forecastle.*

*Expansion joints fitted in way of ends of superstructures.*

*Gangway supports 7'-9" apart in forward portion & 8'-0" apart in after portion. Fore and bracing 3" x 3" x 40" diagonal fitted in one bay forward and one bay aft only.*



## Particulars of Freeing Arrangements.

	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
Fore of Poof front	43'-3"		8'-0" x 9"	2		
After Well		4'-0"	8'-0" x 9"	2		
Aft of Bridge end	41'-0"		8'-0" x 9"	2		
Fore of Bridge front	29'-0"		7'-6" x 9"	1		
Forward Well		4'-0"	8'-0" x 9"	1		
Aft of coils end	28'-0"		8'-0" x 9"	1		

State position of each freeing port ... { After Well:— } 13" above deck edge.  
 (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:— *None.*

Additional area where sheer is less than standard.



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.															
← UPPER DECK →					IN FO'CLE	← FO'CLE DK →	← POOP DK →								
Description of Hatchway	...	...	...	...	CARGO TANKS	FORE & AFT COFFERDAMS	OIL FUEL BUNKERS	DIESEL & SETTLING TANKS.	CARGO HOLD.	CARGO TWEEN DECK	MAIN DK. STORE.	POOP STORE.	COLD ROOM.		
Dimensions of Hatchway	...	...	...	...	4'-0" DIA <sup>R</sup>	24" x 16"	36" DIA <sup>R</sup>	24" x 16"	9'-0" x 9'-0"	11'-3" x 11'-6"	3'-0" x 3'-0"	2'-6" x 2'-6"	2'-9" x 2'-9"		
COAMINGS	{	Height above Deck	...	...	12"	12"	30"	12"	9"	30"	30"	9"	30"		
		Thickness	...	...	...	.50"	.44"	.50"	.44"	.50"	.50"	.44"	.44"	.44"	
		{	Sides	...	...	...	...	...	...	...	...	...	...	...	
			Ends	...	...	...	...	...	...	...	...	...	...	...	
Stiffeners	...	...	...	...	✓	✓	✓	✓	✓	7" x 3" x 44" BR.	✓	✓	✓		
Brackets, Stays	...	...	...	...	✓	✓	✓	✓	✓	15" x 1" E.	✓	✓	✓		
HATCH BEAMS	{	Number	...	...	...	...	...	...	...	...	...	...	...		
		Spacing	...	...	...	...	...	...	...	...	...	...	...		
		Scantling and Sketch	...	...	...	...	...	...	...	...	...	...	...		
Bearing Surface	...	...	...	...	✓	✓	✓	✓	can't stiffened by 3 F&A and 1 thwartship 6" x 3 1/2" x 50" AS TOE ON welded on under side.		TRUNKED TO MAIN DK.	TRUNKED THRO' UPPER DK.	✓		
FORE AND AFTERS	{	Number	...	...	...	...	...	...	...	...	...	...	...		
		Spacing	...	...	...	...	...	...	...	...	...	...	...		
		Unsupported Lengths	...	...	...	...	...	...	...	...	...	...	...		
Scantling* and Sketch	...	...	...	...	✓	✓	✓	✓	can't stiffened by 3 F&A and 1 thwartship 6" x 3 1/2" x 46" AS TOE ON welded on under side.		✓	✓	✓		
Bearing Surface	...	...	...	...	✓	✓	✓	✓			✓	✓	✓		
HATCH COVERS	{	Material	...	...	...	W.T. HINGED STEEL	W.T. BOLTED	W.T. HINGED STEEL	W.T. BOLTED	STEEL	W.T. STEEL	W.T. STEEL	W.T. STEEL	WOOD	
		Thickness	...	...	...	...	.50"	.375"	.50"	.375"	.375"	.32	.30	.30"	3"
		How fitted	...	...	...	...	TOGGLES	7/8" BOLTS	TOGGLES	7/8" BOLTS	TOGGLES	TOGGLES	TOGGLES	TOGGLES	SLAB
		Bearing Surface	...	...	...	...	15 1/2" APART.	4" CENTRES	16" APART.	4" CENTRES	23" APART.	20" APART.	24" APART.	15" APART.	3"
Spacing of Cleats	...	...	...	...	✓	✓	✓	✓	✓	✓	✓	✓	18"		
Number of Tarpaulins	...	...	...	...	✓	✓	✓	✓	✓	✓	✓	✓	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? Yes.															

Particulars of any special features:— Small hatch fitted in W.T. Steel cover of cargo hatchway on Forecastle Deck:— 25" x 19" x 6" coaming 3/8" thick with hinged steel watertight cover 3/8" thick capable of being closed watertight by toggles.



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