

# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

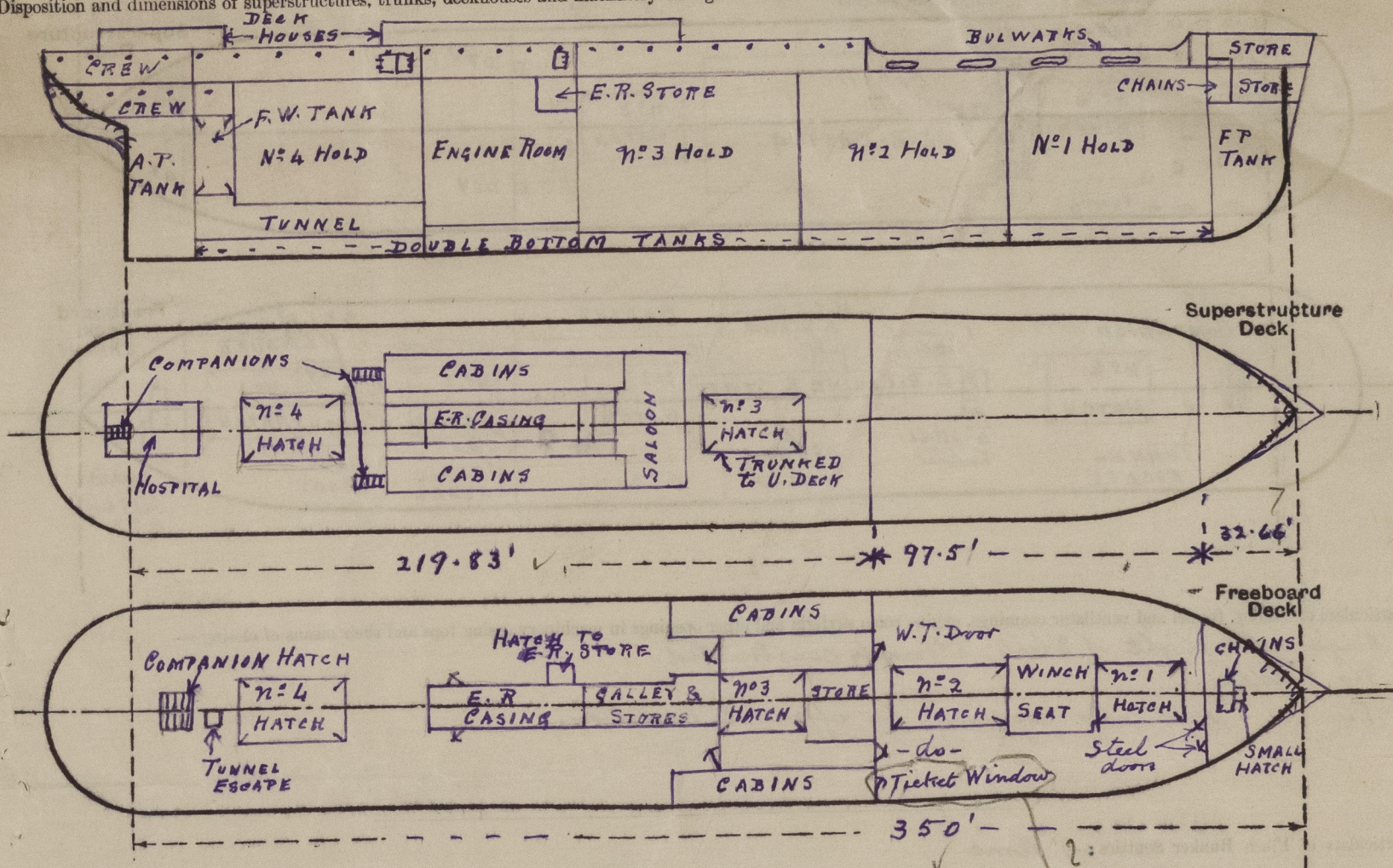
### (CONDITIONS OF ASSIGNMENT.)

Ship's Name HINSANGPort of Survey Hongkong

Official Number

Surveyor's Signature J. MorrisonNationality and Port of Registry British, HongkongDate of Survey While 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 ...	✓							
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓	✓	8x38.48 BA ✓	26" ✓	26" top bottom ✓	213x210 (Ticket Window) 4'9"x2'6"	21"	7'-6"
Forecastle Bulkhead ...	✓	✓	4x3x3/8 angles ✓	26" ✓	Taken T & B angles ✓	4'9"x2'6"	21"	7'-6"
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	Not exposed ✓							
Exposed Machinery Casings on Superstructure Decks ...	Not exposed ✓							
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	✓							

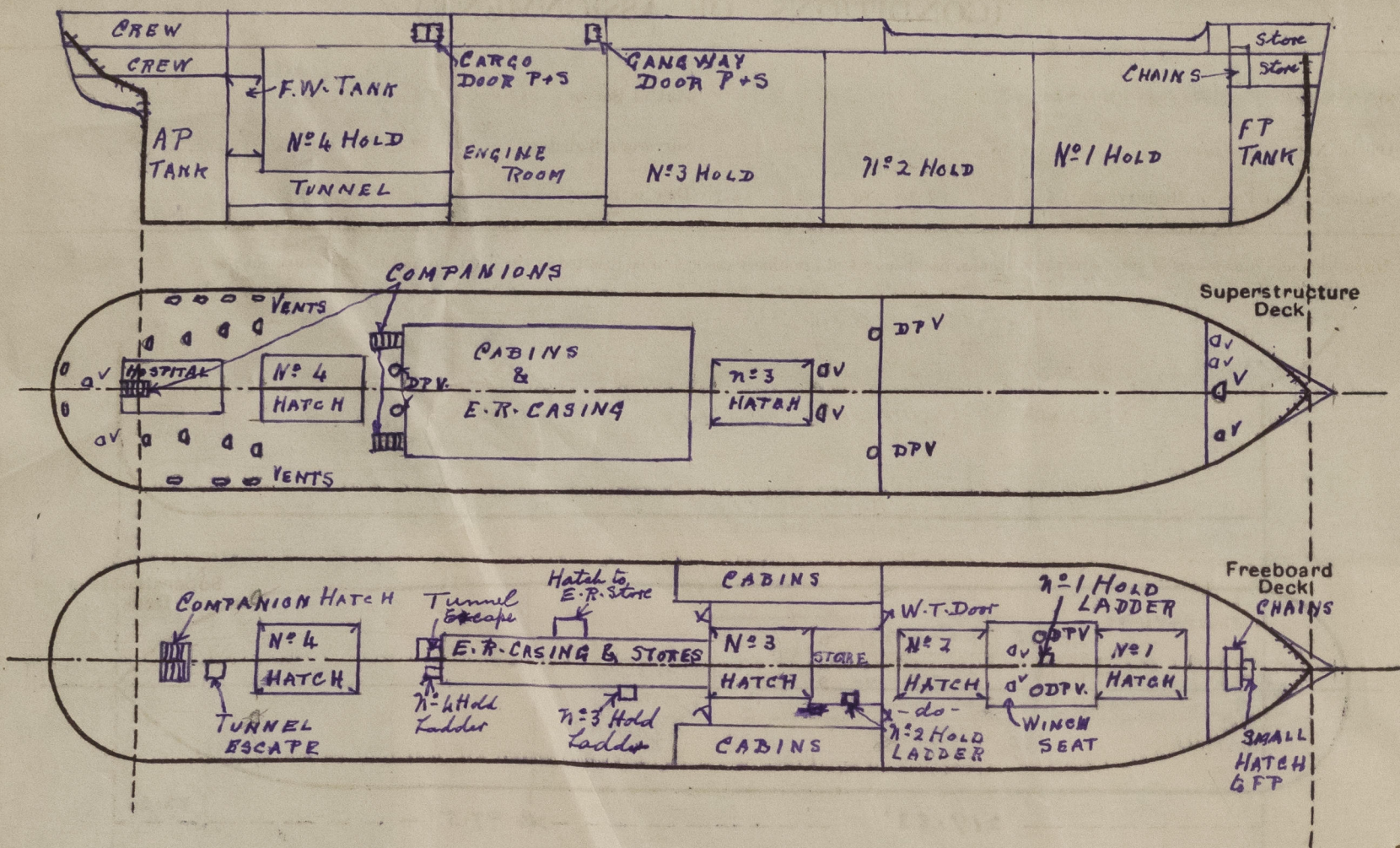
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	Water tight steel doors, can be operated both sides ✓
Forecastle Bulkhead ...	Hinged steel doors, can be operated both sides. ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
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:—

Engine skylight of Steel, strongly constructed. ✓

No fiddley.

Funnel & ventilator coamings in efficient condition.

Particulars of Flush Bunker Scuttles:— *None*

Particulars of Companionways:— 2 Steel Companionways on bridge deck 4'9" x 6'4" x 7'6" high leading to upper deck, doors of steel with 24" sill, can be operated from both sides. ✓

one companion on poop enclosed in steel deck house leading to upper deck door w/ wood with (32) 18" x 18" x 1/2" steel plates.

one double companion hatch on Foreboard deck leading to Crew quarters aft, 4'-6" x 5'-6" craning 5' x 3' x 4' 3" D.A.

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

Forecastle in 1-21" dia, coaming 36" x 40 to hold  
3-6" " " 36" x 30 to Forecastle

For<sup>d</sup> Well :- 2-21" dia, coaming 36" x 40 to hold on raised winch platform.

2-24 " direct post vents to hold, strongly constructed

Prop + Bridge Deck :- 4 - 24" dia. derrick post vents to holds, strongly constructed.

4-21" →, coaming 30"x40 to holds.

2-20 " " 30" x 40 " "  
3-12 " " 30" x 34 " lower deck

3-12" " " 30" x 32" " " " "

1-8- " " 30" x .32 " Steering flange

1-6" " " 30" X 30" " lower deck

9-9" x 4" x 3/8" S.N. Vents to upper deck aft.

All common in grassland.

All coverings in accordance with rule requirements + openings closed with wood plugs  
+ canvas covers.

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

Forecandle - 1-3" dia x 18" high to F.P. tank, 2-2 1/2" dia x 18" high to N=1 D.B. Tank.

For<sup>d</sup> Well; -2-2½" dia. x 36" high to N=1 D.B. tank + 2-2½" dia x 36" high to N=2 D.B. tank

2-2" dia x 36" high to cofferdam F+123/124.

Prop. Bridge Deck :- 2-2 1/2" dia x 18" high to 2 D. B. tank; 2-2" dia x 18" high to Cofferdam F. 94/95.

4-4" dia x 18" high to n-3 D. B. tank; 2-2" dia. x 18" high to cofferdam F-64/65.

4- 3" dia. x 18" high to n=4 DB tank; 2- 2" dia. x 18" high to overflow dam F= 4 3/4.

2-2 1/2 dia x 18" high to H.C. 5 D.B. tank; 2-2 1/2 dia x 18" high to F.W. tank aft.

2-3" dia x 18" high to A. P. Tanti; 1-2" dia x 18" high to aft peak space.

all pipes of galvanized steel & closed with wood plugs and/or gauge wire.

Particulars of Gangway Cargo and Coaling Ports:— One gangway door P+S, in bridge tween decks, 5'x3'.  
one cargo door P+S in bridge tween decks, 5'6"x4'6".  
Shell openings doubled in way of doors + doors strongly  
constructed & efficiently secured by strong backs.

Particulars of Scuppers and Sanitary Discharge Pipes:— Scuppers & Sanitary discharges fitted with automatic non-return valves with positive means of closing from upper deck, from spaces below freeboard deck.

Scupperns & Sanitary discharges from spaces above foreboard deck are fitted with storm valves at ship's sides & efficient traps at inner ends.

All storm valves are of gunmetal.

Particulars of Side Scuttles:— 10" dia. side scuttles in combined poop + bridge space + tween deck space aft.  
all of substantial construction + fitted with hinged dead lights.

Vertical distance of Sill of lowest Side Scuttle above top of keel 26'-3" ✓

Particulars of Guard Rails:— Steel bulwarks in form well strongly constructed & supported, 4'-6" high.

Open rails :-

Guard rails on forecastle + combined Poop + bridge 3' 6" high ✓  
with 4 rods + stanchions spaced about 4' 6". ✓


Particulars of Gangways, Lifelines, etc.:— Provision made for fitting lifelines in forward well and lifelines supplied.

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 ... ..	97.5'	4'-6"	6.5' x .75'	4	19.5 <del>sq</del>	19.5 <del>sq</del>

State position of each freeing port ... .. { After Well :— ✓  
(F. and A. position and height above deck edge) { Forward Well :— *as sketch, 12' above deck edge.* ✓

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.



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PARTICULARS OF PROTECTION TO OPENINGS, ETC.

On Freeboard Deck												On lower Prop + B Deck
HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS												
		No 1	No 2	No 3	No 4	Ladder Hatch to No 2 Hold	Ladder Hatch to No 3 Hold	Ladder Hatch to No 1 Hold	Hatch to E.R. Store	Hatch to F.P.	Hatch to No 3 Hold	
Description of Hatchway		30' 4" x 20'	34' 8" x 20'	34' 8" x 20'	34' 8" x 20'	2' 2" x 2' 0"	2' 2" x 2' 0"	20" x 20"	4' x 4'	4' x 2'	30' 4" x 20'	
Dimensions of Hatchway		4' 6"	4' 6"	Trunked to Super deck	5' 3 1/2" x 4' 3" B.A.	Enclosed with steel casing 2' 2" x 2' 0" x 5' 6" high.	2' 2" x 2' 0"	9"	21"	18"	18 1/2" x 4 1/2"	
COAMINGS		Height above Deck .48	.48	Super deck	.43	✓	✓	✓	✓	✓	8 x 3 1/2 x 4 1/2 B.A. 40 plate	
		Thickness Sides .48	.48	30 plating	✓	✓	✓	None	None	None	5' 0 5/8" plate 13" x 3 1/2 angles 4 x 3 x 4 1/2	
		Stiffeners B.A.	9 x 3 1/2 x 4 1/2	9 x 3 1/2 x 4 1/2	30 plating	✓	✓	None	None	None	5' 0 5/8" plate 13" x 3 1/2 angles 4 x 3 x 4 1/2	
		Brackets, Stays	40 flanged plates	6	3 1/2 x 2 1/2 x 6	hinged door with 2 1/2" sill	✓	None	None	None	5' 1/2"	
HATCH BEAMS		Number	5	4	30 angle	4' 11 1/4" plate	18" x 3 1/2	3' 6" x 1' 11"	None	None	None	
		Spacing	5' 0 5/8"	4' 11 1/4"	30 angle	18" x 3 1/2	3' 6" x 1' 11"	3' 6" x 1' 11"	None	None	None	
		Scantling and Sketch	plate	plate	Stiffeners	18" x 3 1/2	3' 6" x 1' 11"	3' 6" x 1' 11"	None	None	None	
		Bearing Surface	5 1/2"	5 1/2"	30" apart	7 3/4 x 3/4	None	None	None	None	None	
FORE AND AFTERS		Number	None	None	✓	None	None	None	None	None	None	
		Spacing	None	None	✓	None	None	None	None	None	None	
		Unsupported Lengths	None	None	✓	None	None	None	None	None	None	
		Scantling* and Sketch	None	None	✓	None	None	None	None	None	None	
		Bearing Surface	None	None	✓	None	None	None	None	None	None	
HATCH COVERS		Material	O. Pine	O. Pine	✓	O. Pine	None	Hinged Steel W.T. cover	Hinged Steel WT cover	Hinged Steel cover	Hinged Steel WT cover	
		Thickness	2 3/4"	2 3/4"	✓	2 1/2" F + A	✓	30"	30"	30"	30"	
		How fitted	F + A	F + A	✓	3"	✓	thick	thick	thick	thick	
		Bearing Surface	3 1/2"	3 1/2"	✓	24"	✓	thick	thick	thick	thick	
		Spacing of Cleats	24"	24"	✓	1	✓	✓	✓	✓	✓	
		Number of Tarpaulins	3	3	✓	1	✓	✓	✓	✓	✓	
*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: — *Crinier Stern.*

*Vessel surveyed during construction in accordance with the approved plans & instructions, Copies of approved plans in the London Office.*

*Vessel has also been surveyed by the Hongkong Government Surveyors for the issue of a Passenger Certificate & Sub-division Load Line.*

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.

*All com*

*Particulars of Air 1  
Forecastle 1-3  
Well - 2-2  
2-2*

*Bridge Deck*

*all pipes*