

Rpt. C.11.

Index No. _____
(For London Office only.)

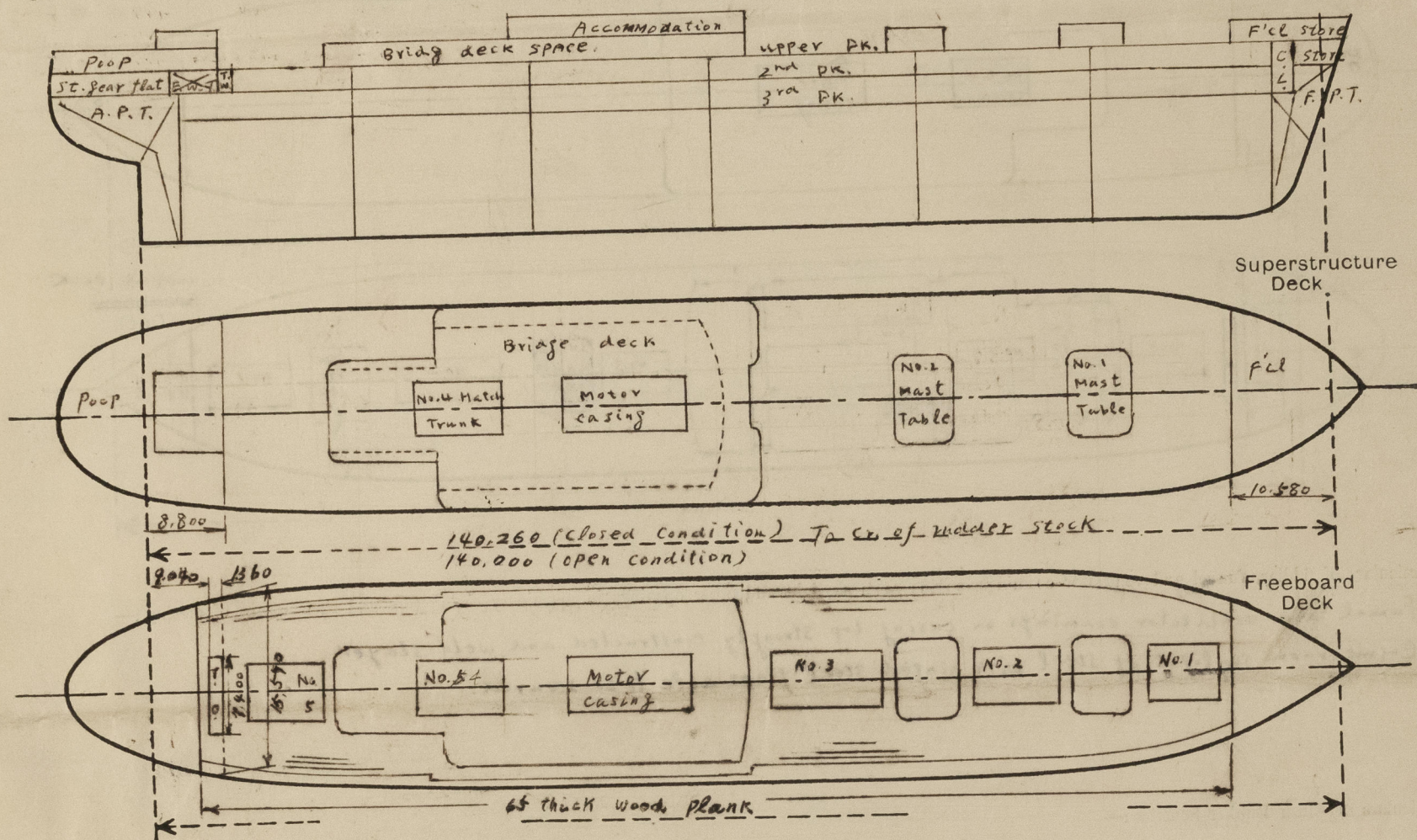
Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Ship's Name "SETIABUDHI" Port of Survey HIROSHIMA, JAPAN
Official Number _____ Surveyor's Signature B. Teguchi
Nationality and Port of Registry INDONESIA, JAKARTA 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.

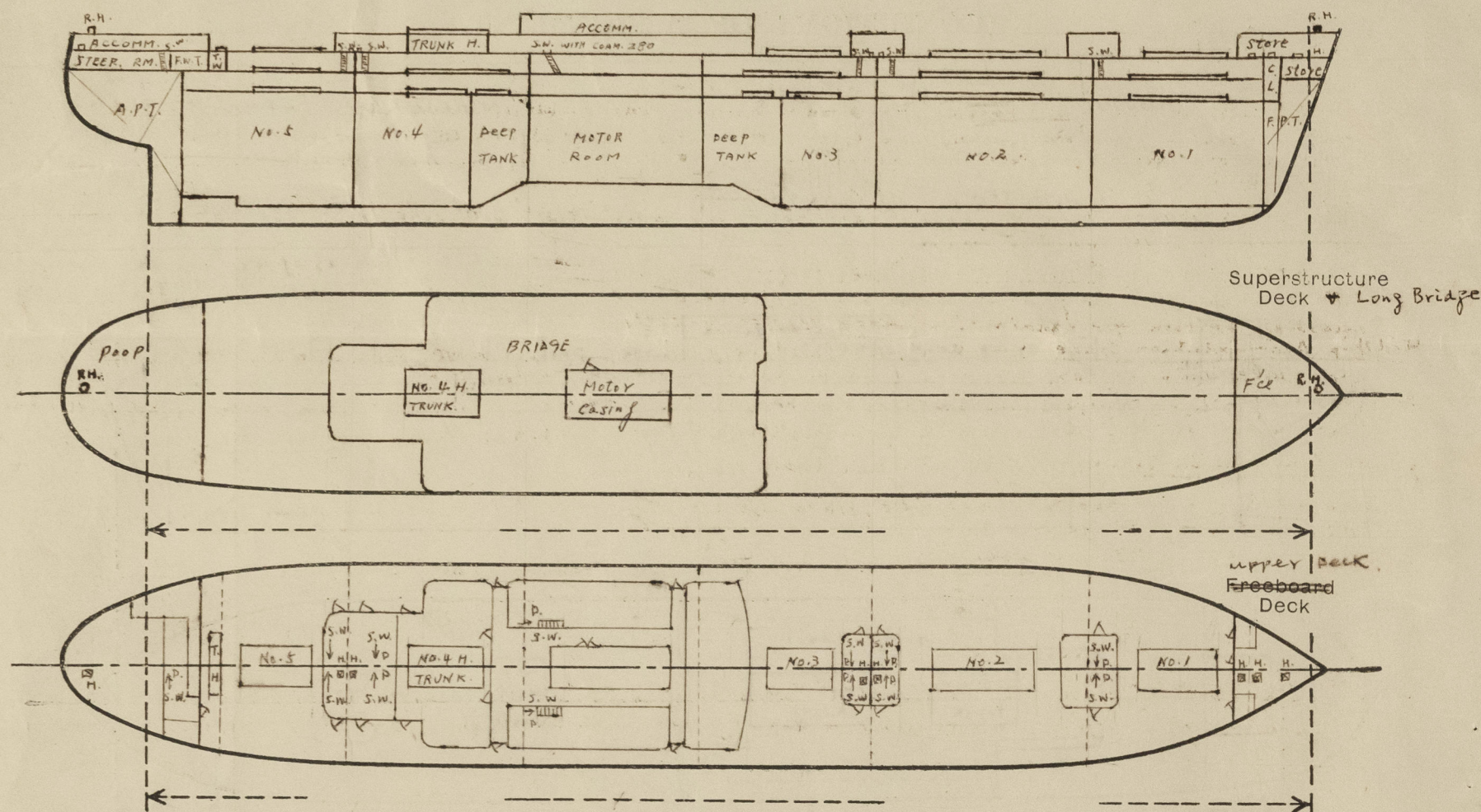
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead (closed condition)	9.5	9.5	150x90x9 inv. A	760	T+B welded	1@ 1600x700	610	2,400
Poop Bhd. (Open condition)	9.5	9.5	150x90x9 inv. A	450 ~	T+B BKT.	None	-	2,700
Bridge, After Bulkhead (Open cond.)	7.5	7.5	200x10 B.P.L.	760	T+B	2@ 7.0.	590	2,700
Bridge, Forward Bulkhead...			125x75x7 inv. A	500 ~	Free	1370x970		
Forecastle Bulkhead (closed cond.)	7.5	7.5	150x90x9 inv. A	740				
Trunk, Aft (No. 4 Hatch)	7	7	100x75x7 inv. A	760	T+B	2@ 1600x700	610	2,400
Trunk, Forward			90x8 V-plate	800	Free	None	-	2,700
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 (Open Condition)			100x75x7 inv. A	800	Top: Free	None	-	2,700
(Midship)	6.5	6.5	150x90x9 inv. A		Rtn: welded			
Deckhouses on Flush Deck Ships	7.5 ~ 11	7.5 ~ 11	100x75x7, 125x75x7	760 ~ 800	Front: T+B BKT.	4@ 1550x1000 : 610		2,700
Mast Houses	7.5 ~ 9.5	7.5 ~ 9.5	250x12 B.P.L.		Aft: T+B Free	6@ 1600x750 : 380		
			180x75x7, 125x75x7	800 ~ 850	Side: T+B welded	4@ 1600x1200 : 610		2,550
			200x10 B.P.L.		Front, Sides: welded	2@ 1600x1000 : 610		
					Aft: Free			

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

Poop Bulkhead (closed condition)	Hinged steel w/T door operated from both sides.
Poop Bhd. (Open Cond.)	No opening
Bridge, After Bulkhead (Open Cond.)	3.2 thick steel shifting board 68 flanged, and in full height welded channel.
Bridge, Forward Bulkhead	
Forecastle Bulkhead (closed cond.)	Hinged steel w/T doors operated from 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	
(Midship)	Hinged steel w/T doors operated from both sides
Deckhouses on Flush Deck Ships	Hinged steel w/T doors operated from both sides
Mast Houses	

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 :-

Funnel and ventilator coamings on casing top strongly constructed and well stayed.
Engine room skylight of steel with hinged steel flaps able to be secured.

Particulars of Flush Bunker Scuttles :-

None

Particulars of Companionways :- Fore + Poop Deck :- Rope hatch of 600 dia, 8x10 coaming strongly constructed of steel with hinged w/t steel cover by 4-eye bolts.
Upper deck :- POOP Accom.
Trimming Hatches in Fore Stow :- 550x500 8x10 coaming NW/T steel cover for lower stow and No. 1 hold access, steering, eng. flat.
Trimming Hatches in Fore Stow :- 550x500 8x10 coaming NW/T steel cover for lower stow and No. 1 hold access, steering, eng. flat.
Trimming Hatches in Main Houses + Bridge House aft :- 600x600, 8x75 steel coaming with hinged NW/T steel cover.
Stair way down :- No coaming fitted for stair way down to tween deck spaces except Midship stair way with steel coaming of 8x280.

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

Fore deck :- 10-150x75 Goosenecks 760 high to lips.
1-200 dia. Mushrooms, coaming 915x10.
Upper deck :- 8-750 dia., 10 thick. Derrick post with mushroom top.
2-800 dia., 16 thick. Derrick post with mushroom top.
7-150x75 Goosenecks 775 high to lips.
Poop deck :- 6-150x75 Goosenecks 760 high to lips.
4-300 dia. Mushrooms, coaming 760x10.

Closing Arrangement :-

All gooseneck type fitted with hinged w/t steel flaps secured by eye bolt and butterfly nut.
All mushroom type fitted with screw down w/t tips except derrick post.

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

Fore deck :- 1-90 dia, 1-80 dia 460 high for F.P.T. 1-50 dia. 460 high for Coff. 1-100 dia 460 high for No. 1 (O.F. or W.B.) TH.
Upper deck :- 2-80 dia, 915 high for No. 1 (O.F. or W.B.) TH. 23-100 dia, 915 high for Nos. 2, 3, 4, 6, 7, 8 (O.F. or W.B.) THS.
12-130 dia. 915 high for Fore + Aft Deep THS, No. 4 (O.F. or W.B.) TH. 7-50 dia, 915 high for Coff. + BWS TH in Eng. room.
4-80 dia, 6-90 dia, 915 high for No. 5 (P.W.), Coal P.W. and F.W. TH in Tween deck and Aft ship.
Poop deck :- 2-80 dia, 2-90 dia, 460 high for Aft F.W. TH, 1-80, 1-100 dia, 460 high for Aft peak TH.

Closing Arrangement :- All air pipes fitted with screw down type w/t tip.
Oil fuel air pipes fitted with gauges.

Particulars of Gangway Cargo and Coaling Ports :-

None.

Particulars of Scuppers and Sanitary Discharge Pipes :- (See also sketch over)

Fore space (Chain locker, Stores above + below upper deck) :- Scuppers led overboard above upper deck line by wash deck water eductor placed in store above deck, and fitted with storm valve of cast steel on fore side shell.

No. 1 + 2 Mast house + Bridge deck space aft :- Scuppers + Sanitary discharges connected to the discharge mainline for upper tween deck spaces stated below.

Upper tween deck spaces Deck scuppers of cargo space led to hold bilge with scupper plugs geared to the indicator on upper deck to show whether open or close.

Sanitary discharges for Pilgrims led overboard and fitted with two-storm valves of cast steel and fitted with extra heavy steel pipes below the L.W.L. (as closed cond.) The upper storm valves situated in always accessible position for examination under service condition.

Midship Accommodation Space :- Scuppers + Sanitary discharges led overboard below L.W.L., fitted with storm valve and sluice valve of cast steel and extra heavy pipes used below L.W.L.

Poop deck spaces :- Scuppers and Sanitary discharges led overboard below upper deck and fitted with two-storm valves of cast steel and the upper storm valves situated in always accessible position for examination.

Lower tween deck spaces :- Scuppers led hold bilges.

Tonnage well :- Scupper led tunnel bilge, fitted with one-storm valve, one-sluice valve and scupper plug geared to the indicator on upper deck to show whether open or close.

Particulars of Side Scuttles :- Steering gear flat :- Scupper led overboard below upper deck by eductor and fitted with two storm valves.

Side scuttles of strongly constructed gunmetal with hinged cast steel dead light and 12x1x300 armored glass fitted through shell in way of upper tween deck and poop space, upper deck houses.

Vertical distance of Sill of lowest Side Scuttle above top of keel 11,352

1,600 (Fr. No. 91 1/2)

Particulars of Guard Rails :-

On Poop and Fore deck :- 3-tier of rails of 1000 high with the stanchions approx. 1,350 apart.

On Upper deck :- Strongly constructed steel bulwark 1,080 high x 7 with 180x75 rail and 400x9 with 65 Fl Stay, 1,600 apart.

Particulars of Gangways, Lifelines, etc. :-

Steel life line fitted in fore and after well, attached to permanent eye plates.

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 ...	41,600	1,080	230x136,000	1	8.28 M ²	2.54 M ²
Abreast midship	24,800	1,080	230x12,800	1	2.94 M ²	1.51 M ²
Forward Well ...	54,495	1,080	230x(10,800+36,005)	2	10.59 M ²	3.32 M ²

State position of each freeing port ...
(F. and A. position and height above deck edge)
After Well :- Fr. 19~64 one continuous slot
Abreast midship Fr. 80~96 one continuous slot
Forward Well :- Fr. 98~144, Fr. 146~160 two continuous slots

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-

Additional area where sheer is less than standard.

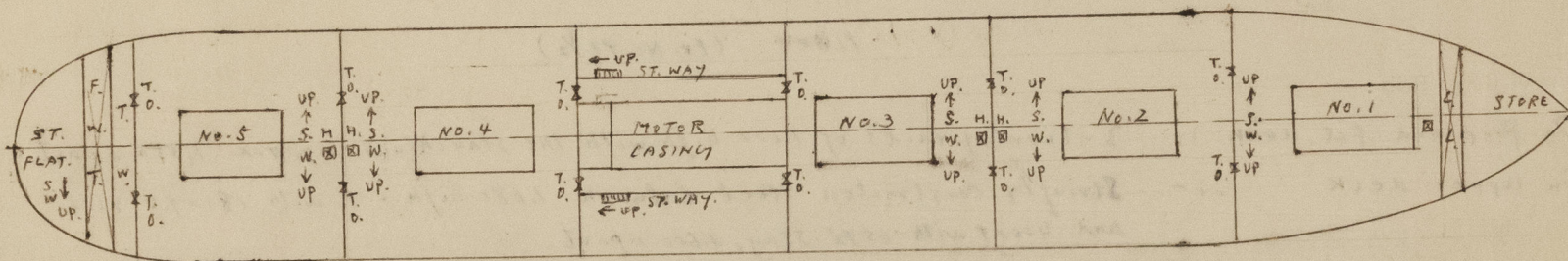
None.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											Bridge Deck	
Upper Deck											2nd Deck	Trunk
Description of Hatchway	No. 1	No. 2	No. 3	No. 5	No. 1	No. 2	No. 3	No. 4	No. 5	No. 4		
Dimensions of Hatchway	8,220 x 5,600	12,000 x 7,000	10,000 x 7,000	9,600 x 7,000	8,905 x 5,600	12,800 x 7,000	11,200 x 7,000	12,800 x 7,000	9,600 x 7,000	12,000 x 7,000		
COAMINGS	Height above Deck	975				230	230	230	230	230	760	
	Thickness { Sides	10				11	11	11	11	11	11	
	{ Ends	10				11	11	11	11	11	11	
	Stiffeners ...	250 x 12 B. Pl				None	None	None	None	None	180 x 9.5 B. Pl	
Brackets, Stays	10 x 5 1/2 with 90 Fls				None	None	None	None	None	10 x 3 1/2 with 75		
HATCH BEAMS	Number	Mac Gregory Steel Hatch Covers				6	7	6	9	5	7	
	Spacing	Not in sketch 10 ft apart				1256 ~ 1370	1600	1600	1,280	1,600	1,200 ~ 1600	
	Scantling and Sketch	8 thick with 2-webs 8 x 300				I	I	I	I	I	I	
		16 x 180 welded face bars, ends				T+B 140 x 24 web 450 x 11.5	T+B 250 x 24 web 450 x 11.5	T+B 250 x 24 web 450 x 11.5	T+B 280 x 24 web 550 x 12.5	T+B 250 x 24 web 450 x 11.5	T+B 160 x 24 web 400 x 11.5	
Bearing Surface					90	90	90	90	90	90		
FORE AND AFTERS	Number	None	None	None	None	None	None	None	None	None		
	Spacing	None	None	None	None	None	None	None	None	None		
	Unsupported Lengths	None	None	None	None	None	None	None	None	None		
	Scantling* and Sketch	None	None	None	None	None	None	None	None	None		
Bearing Surface												
HATCH COVERS	Material	Steel see above.				Wood	Wood	Wood	Wood	Wood	Wood	
	Thickness	5-section				70	70	70	70	70	70	
	How fitted	6-sections				f+a	f+a	f+a	f+a	f+a	f+a	
	Bearing Surface	5-sections				65	65	65	65	65	65	
Spacing of Cleats	Toggles 900 apart				600	600	600	600	600	600		
Number of Tarpaulins	None				1	1	1	1	1	2		
Covers, galvanized ends												
*Are wood fore and afters steel shod at all bearing surfaces? Yes.												
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. Locking Bars on No. 4 Hatch on Bridge deck.												

Particulars of any special features :—

SKETCH OF ZND DECK
(FOR OPEN SHELTER CONDITION.)



COMPANION WAY ON 2ND DECK :-

Trimming hatches :- 600x600 with 8x75 steel coaming and hinged steel w/t cover, 16 clips fitted with
Tonnage hatch :- 1,360 x 7,000, 11x300 steel coaming, 60 thick wood for covers and hemp lashings.

SANITARY DISCHARGES LED OVERBOARD BELOW 2ND DECK

DISCHARGES LED OVERBOARD BELOW 2ND DECK
Means provided for closing the storm valves with screw down handle in the closed shelter condition.

TYPICAL SKETCH OF STORM VALVES

