

## Lloyd's Register of Shipping.

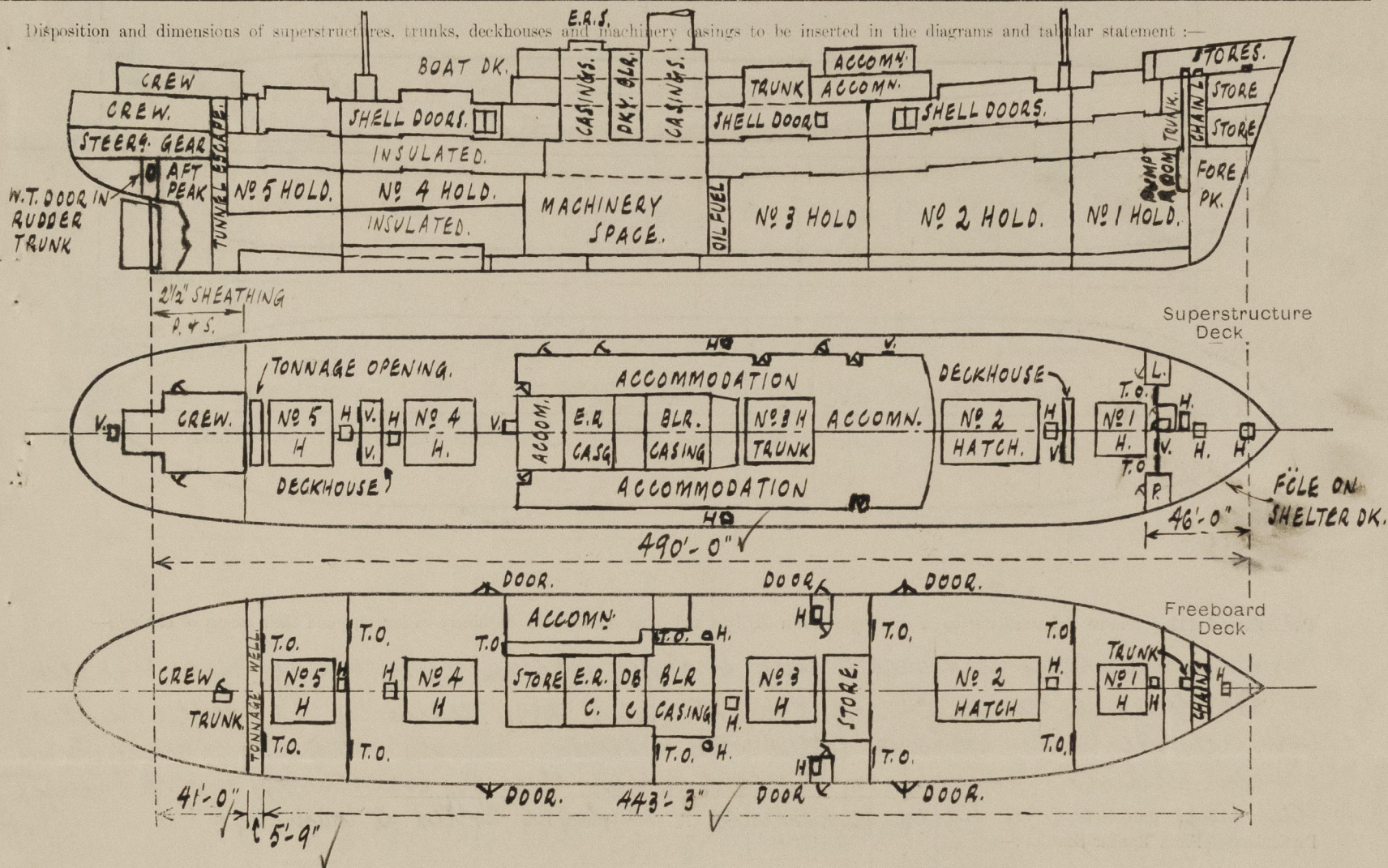
## SURVEYS FOR FREEBOARD.

23 FEB 1949

## (CONDITIONS OF ASSIGNMENT.)

Ship's Name **"SHILLONG"**Port of Survey **NEWCASTLE-ON-TYNE**Official Number **182960**Surveyor's Signature **G. Campbell**Nationality and Port of Registry **British. London.**Date of Survey **While building. 1949.**

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 ...	26"	26"	4 1/2" x 32 FLATS	30"	NONE	NONE	✓	8'-7"
Raised Quarter Deck Bulkhead ...	26"	26"	4 1/2" x 32 FLATS	30"	NONE	4'-7" x 37"	18"	8'-7"
Bridge, After Bulkhead ...	26"	26"	4 1/2" x 32 FLATS	30"	NONE	2 @ 4'-7" x 37" T.O.s.	18"	✓
Bridge, Forward Bulkhead ...	30"	30"	4 x 3 1/2" x 32 FLATS	3 1/2"	ENDS WELDED	2 @ 5'-1" x 24" LAMPS & PAINTS.	13"	7-5 3/4
Forecastle Bulkhead ON SHELTER DK.	30"	30"	4 x 3 1/2" x 32 FLATS	3 1/2"	ENDS WELDED	1 @ 5'-0" x 30" DERRICK GEAR.	12"	✓
Trunk, Aft ...						1 @ 4'-6" x 21" ACCESS TRUNK	15 1/2"	✓
Trunk, Forward ...								
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	NONE EXPOSED		✓					
Exposed Machinery Casings on Superstructure Decks BOAT DECK ...	27 1/2" x 34"	30"	4 x 30" FLATS	34 1/2" ON SIDES.	SKNEES ON TOP AT SIDES.	NONE	✓	7'-9 1/2"
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	E.R. 18" x 30"	26"	4 x 30" FLATS	33" ON ENDS.	CONTINUOUS OR LAPPED TO BEAMS AT BOTTOM	NONE	✓	8'-10 1/2"
MIDSHIP SHELTER FRONT	B.R. 26"	26"	9 x 3 x 3 x 40" C	30" TO 32" TO BEAMS AT TOP WELDED AT BOTTOM.	NO OPENINGS		✓	28'-0"
Deckhouses on Shelter Deck Ships SIDES & AFT.	44"	44"	3 1/2 x 2 1/2 x 30"	34 1/2" SIDES, 30" AFT. TO BEAMS AT TOP NONE AT BOTTOM.	7'-5 1/2" x 30" 27" 18" SILLS		✓	

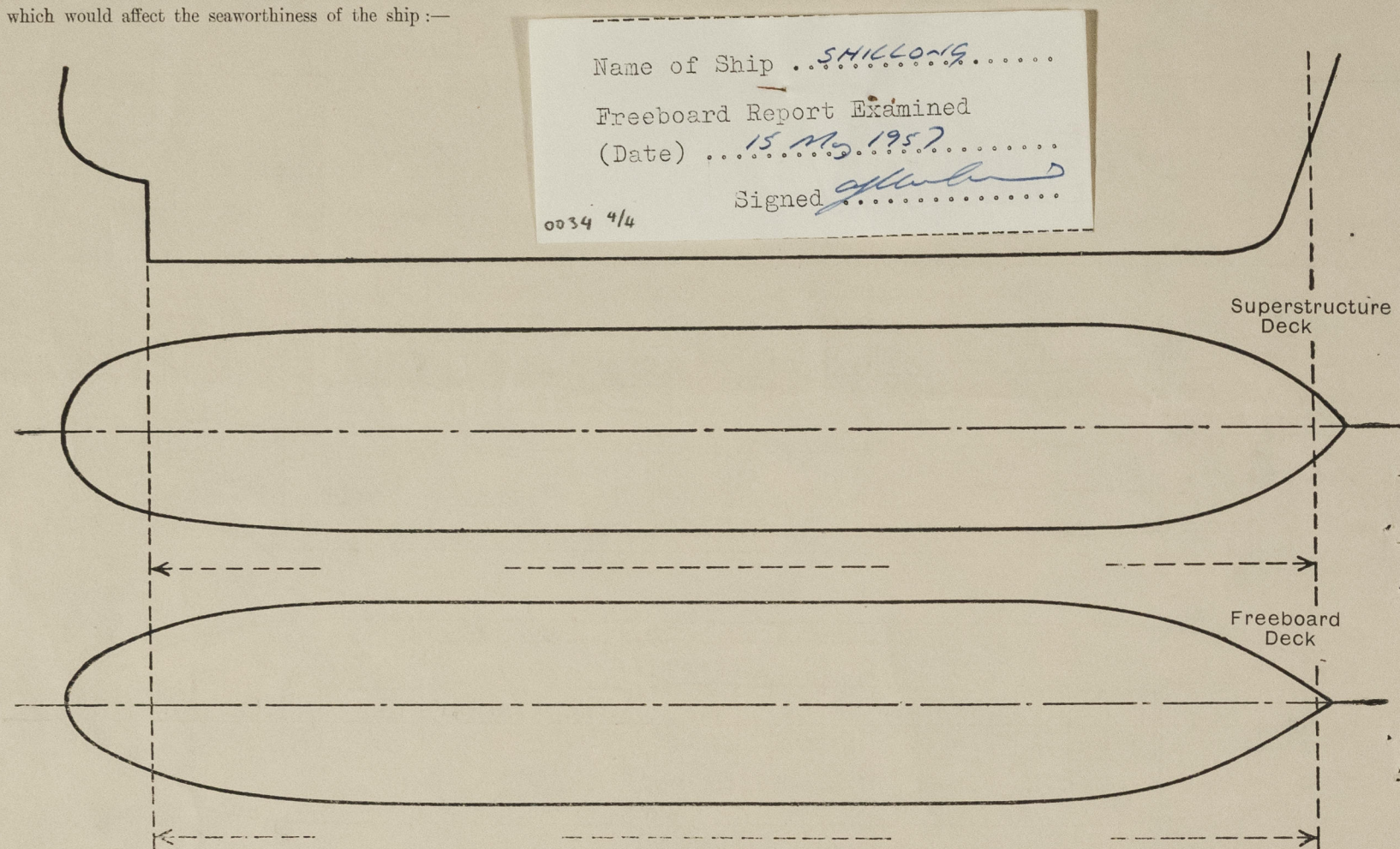
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	NO OPENINGS.
Raised Quarter Deck Bulkhead ...	
Bridge, After Bulkhead ...	PORTABLE STEEL PLATES WITH HOOK BOLTS THROUGH, SPACED 12" x 14"
Bridge, Forward Bulkhead ...	
Forecastle Bulkhead ON SHELTER DK.	PORTABLE STEEL PLATES WITH HOOK BOLTS THROUGH, SPACED 12" x 14" & HINGED STEEL DOORS OPERATED BOTH SIDES. (W.T. DOOR AT ACCESS TRUNK.)
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	
Exposed Machinery Casings on Superstructure Decks BOAT DECK ...	NO OPENINGS.
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	NO OPENINGS.
MIDSHIP SHELTER	
Deckhouses on Shelter Deck Ships ...	STRONG HINGED DOORS OF STEEL OR HARDWOOD OPERATED 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 filley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

Funnel + ventilator coamings of steel, strongly constructed on bearings above boat deck. W.T. door fitted in funnel, opening 4'-6" x 27", sill 13", door secured by clip handles operated both sides. Ventilator coamings fitted with emergency dampers + indicators to show "open" + "closed" positions. Engine room skylight of steel, strongly constructed, + with 8 hinged steel flaps secured by geared quadrants. Skylight bolted to coaming.

Particulars of Flush Bunker Scuttles:—

None.  
After Deckhouse on shelter deck - Access to crew spaces steering gear + tunnel escape - 1P. 15. opening 5'-2" x 37 1/2", sill 18", strong hinged wood doors operated both sides.

Particulars of Companionways:—

Forecastle Bulkhead on shelter deck - Access to No. 1 tween decks, opening 4'-6" x 21", sill 15 1/2", hinged steel W.T. door operated both sides.

Foremast House on shelter deck - Access to "bargocairn" ventilation unit in shelter

tween decks, opening 5'-0" x 24", sill 18", strong hinged steel W.T. door operated both sides.

Particulars of Ventilators in exposed positions on freeboard and superstructure decks:— (See separate sheet for "bargocairn" openings)

On shelter deck - 18 goose-necks to tween deck spaces, from 4" to 9" dia, + 8" x 5", 30" to 33" high to mouths. Wood plugs provided.

10 - 2 1/2" dia. goose-neck air change vents to tween deck insulated spaces, 30" high to mouths. Screwed caps on chains fitted.

2 - 4" x 2-6" dia. air change vents to insulated spaces, coamings 30" to 36" high, with screw-down W.T. mushroom tops.

On forecastle deck - Coamings 36" high.

4 cowe vents 6" to 12" dia. - Wood plugs + canvas covers provided.

1 - 6" dia. mushroom vent with screw-down W.T. head.

Trunk vent aft of after deckhouse on shelter deck - 19" x 12" coaming 30" opening 15" x 15" on after side, 6'-2" from deck to bottom of opening. Portable flanged steel plate cover provided for the vent opening.

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

On shelter deck - Goose-necks from 2" to 4" dia, not less than 24" high to mouths.

12 - 4" dia air pipes for cargo Oil Tanks, coamings 24" high, fitted with "TIROS" patent vacuum + pressure relief valves on top of coamings.

On forecastle deck - 2 goose-necks 3 1/2" dia, 31" high to mouths.

All the above pipes of substantial construction. Gauges fitted on mouths of goose-necks for oil tanks, + wood plugs provided for the remainder. Gauges fitted in "TIROS" patent heads.

Shillong.

Particulars of Gangway Cargo and Coaling Ports:— 2P. 25. Gangway doors in shelter 'tween decks, openings 6'-0" x 5'-9" hinged steel W.T. doors (2 per opening) secured by studs welded to doors, dog + nuts, + by vertical channel strongback at each opening. 1P. 15. Oil filling door in shelter 'tween decks, openings 2'-0" x 1'-6". Hinged steel W.T. doors secured by hinged half + nut to horizontal strongback. All openings strongly framed + doors strongly constructed. Strong steel W.T. hinged door on port side of Rudder trunk secured by nuts on studs. Opening 21' x 13' ✓

Particulars of Scuppers and Sanitary Discharge Pipes:— On freeboard deck - At bonnage well - 1P. 15. 5" dia. screw down N.R. valve fitted below deck + operated from shelter deck, provided with indicators to show "open" + "closed" positions.

2P. 25. 2 1/2" dia. deck scuppers from cargo spaces led to machinery space bilges or shaft channel, + fitted with lever weighted cocks in readily visible + accessible positions.

Deck scuppers 2 1/2" dia. with screwed plugs in insulated storerooms led to E.R. bilge 1P. 15.

2P. automatic N.R. valves on ships side at LWL - 3" dia. from 2 deck scuppers in leeward lavatories + shower, + 4" dia. from W.C. (N.R. valves back balanced type).

Hand pump discharges from spaces below freeboard deck, led through ships side:—

1P. - 1 1/2" auto. N.R. valve between freeboard deck + LWL in steering gear Comp. from bonnet steam S.R. Pump.

15 - 1 1/2" locally controlled screw down N.R. Valve above LWL in Fore Peak Pump Room, from S.R. Pump.

15 - 2" auto. N.R. Valve above freeboard deck from deck pump for fore peak lower storeroom.

All stopvalves of brass.

Particulars of Side Scuttles:— Side scuttles of brass with hinged brass deadlights fitted in shelter 'tween decks in below accommodation aft, + in leeward accommodation port side amidships, and below freeboard deck in steering gear compartment.

Vertical distance of Sill of lowest Side Scuttle above top of keel. 36'-6" ✓

Particulars of Guard Rails:— On shelter deck aft of bulwarks - 3'-9" high, 3 rails, stanchions spaced about 5'-0". Bulwarks on shelter deck efficiently stiffened + stayed. On forecastle deck - 3'-6" high, 3 rails, stanchions spaced about 5'-3".

Particulars of Gangways, Lifelines, etc.:— Stomails fitted on P.S. sides of midship + After deckhouses on shelter deck, + lifelines are provided forward + aft for the protection of the crew in getting to + from their quarters.

Particulars of Freeing Arrangements. on shelter deck.						
	Length of Bulwark	Height of Bulwark	Size of Freeing Ports	Number each side	Area each side	Rule area each side
After Well ...	117'-10 1/2"	3'-8"	9'-0" x 6"	3.	29.44	34.30 sq ft for 7L.
Midships below Boat Ok.	178'-3"		5'-0" x 6" with 6" rad. ends.	2.	12.33	
Forward Well ...	106'-10 1/2"		4'-2" x 6"	2.	5.99	
			8'-0" x 6"	2.	11.18	
			7'-0" x 6"	1.	10.82	
State position of each freeing port ... After Well:— } See sketch below. Lower edge of opening above deck = 12"						
(F. and A. position and height above deck edge) } Forward Well:— } + open rails at aft end.						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such:— open, + without bars.						
Additional area where sheer is less than standard.						



PARTICULARS OF PROTECTION TO OPENINGS, ETC.

(See separate sheet for additional hatchways.)

CARGO		HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.										on Boat Deck.
		on Freeboard deck					on Shelter Deck					
Description of Hatchway	...	No 1	No 2	No 3	No 4	No 5	No 1	No 2	No 4	No 5	No 3.	
Dimensions of Hatchway	...	22'-6" x 18'	46' x 22'	31'-7 1/2" x 22'	31'-7 1/2" x 22'	28'-9" x 22'	22'-6" x 18'	43'-1 1/2" x 22'	31'-7 1/2" x 22'	28'-9" x 22'	31'-7 1/2" x 22'	
COAMINGS (See also sketch below.)	Height above Deck	10"					30"	30"	30"	30"	27 1/2"	
	Thickness	10" x 3 1/2" x 1.40" B.A.					3.44"	3.50" 44"	3.44"	3.44"	3.44"	
	Stiffeners	ON ENDS					ON ENDS - 7" x 3" x 35 B.A.					
	Brackets	6" x 44 B.A. on sides + ends					35.1E	45.2E	35.2E	35.2E	35.2E	
HATCH BEAMS	Number	4	9	6	6	5	4	8	6	5	6	
	Spacing	4'-6"	4'-7 1/4"	4'-6"	4'-6"	4'-9 1/2"	4'-6"	4'-9 1/2"	4'-6"	4'-9 1/2"	4'-6"	
	Scantling and Sketch	15"					15"	19"	15"	15"	15"	
	DEPTH	8" x 75"	8" x 76"	8" x 100"	8" x 75"	8" x 80"	8" x 70"	8" x 75"	8" x 60"	8" x 60"	8" x 60"	
	VERTICAL	35"	37"	50"	36"	36"	35"	36"	36"	36"	36"	
Bearing Surface		DOUBLE ROLLERS 2" DIA (1" DIA. PINS) ON 1" x 1" SECTION STEEL TRACK										
FORE AND AFTERS NONE.	Number	SECTION THROUGH WEATHER DECK HATCH SIDE COAMINGS.					10" x 3 1/2" x 44" B.A.					
	Spacing											
	Unsupported Lengths											
	Scantling* and Sketch						9" x 3 1/2" x 44" B.A. 11" x 3 1/2" x 5/8" B.A. 9" x 3 1/2" x 44" B.A.					
Bearing Surface		(WOOD SHEATHING ON BOAT DECK.)										
HATCH COVERS	Material	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	W.P.	
	Thickness	2 3/8"	2 3/8"	3"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	2 3/8"	
	How fitted	all fore + aft.										
	Bearing Surface	3"	3"	3"	3"	3"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	2 1/2"	
Spacing of Cleats		NOT EXCEEDING					24"					
Number of Tarpaulins		1	1	1	1	1	3	3	3	3	3	
HATCH COVERS												
*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? STEEL LOCKING BARS ON WEATHER DECK HATCHWAYS.												
No 3 Hatch trunk between Boat + Shelter Decks 30 plating + 3" solid half round scuffs spaced 34 1/2" on sides + 33" on ends												

Particulars of any special features:—

Lounging Opening on Shelter Deck aft of No 5 Hatch, 5'-0" x 22'-0" coaming 12" x 3 1/2" x 46" B.A.  
 Wood covers 2 1/2" W.P. laid fore + aft, fitted with eyes on underside + 2 1/2" manilla  
 rope through + secured by lashings. Galv. steel bands fitted on ends of covers.  
 Bearing surface for covers = 2 1/2".



## PARTICULARS OF PROTECTION TO OPENINGS, ETC.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.											
ON SHELTER DECK											
EXPOSED WITHIN FORECASTLE											
AND SUPERSTRUCTURE DECKS.											
ON BOAT DECK.											
HATCHWAYS ON FREEBOARD		ACCESS TO		IP. IS FOR		ACCESS TO		IP. IS FOR		ACCESS TO	
Description of Hatchway		NOS. 1, 2, 3, 4 A-5 HOLDS.		NOS. 3 LOWER TWEEN DK.		OIL DISCH. HOSES.		NOS. 2, 4, 5 HOSES.		OIL DISCH. HOSES.	
Dimensions of Hatchway		2'-1" x 2'-8"		1'-11" x 3'-7"		12" DIA.		2'-0" x 2'-3"		12" DIA.	
COAMINGS	Height above Deck	9" ✓		2 1/2" ✓		9" ✓		30" ✓		12" ✓	
	Thickness	5/8" ✓		1/2" ✓		3/8" ✓		44" ✓		30" ✓	
	Stiffeners	-		-		-		-		-	
	Brackets, Stays	-		-		-		-		-	
HATCH BEAMS	Number	/		/		/		/		/	
	Spacing	/		/		/		/		/	
	Scantling and Sketch	/		/		/		/		/	
	Bearing Surface	/		/		/		/		/	
FORE AND AFTERS	Number	/		/		/		/		/	
	Spacing	/		/		/		/		/	
	Unsupported Lengths	/		/		/		/		/	
	Scantling and Sketch	/		/		/		/		/	
HATCH COVERS	Material	W.P. 23/8"		STEEL .50"		STEEL .30"		STEEL .50"		STEEL .40"	
	Thickness	2 1/2"		2 1/2"		2 1/2"		2 1/2"		2 1/2"	
	How fitted	ATHWART		HINGED		HINGED		HINGED		HINGED	
	Bearing Surface	W.T. JOINT		W.T. JOINT		W.T. JOINT		W.T. JOINT		W.T. JOINT	
Spacing of Cleats		20"		6 CLIPS.		3 HINGED		6 HINGED		3 HINGED	
Number of Tarpaulins		1.		SP. 18"		BOLTS & NUTS.		BOLTS & NUTS.		BOLTS & NUTS.	
*Are wood fore and afters steel shod at all bearing surfaces?											
Are battens and wedges efficient and in good condition?											
Are tarpaulins in good condition and in accordance with rule requirements?											
Are lashings provided in accordance with rule requirements?											

Particulars of any special features :—

Vent. openings in Deckhouse basings etc. on shelter deck for "bargocaine" system.

<u>Position</u>	<u>Depth.</u>	<u>Width</u>	<u>Height of lower edge above deck</u>	
Mainmast House } (after side)	2 @ 2'-9" x	2'-3"	4'-5" ✓	All openings fitted with louvers, + trunks in way fitted with drains. Portable steel plate covers 3/16" thick + flanged 1 1/2" around edges, provided for temporarily closing "barricade" openings, + stowed in suitable places in vicinity of their respective openings. ✓
Midship Deckhouse (after end)	1 @ 3'-2" x	2'-0"	4'-3" /	
(port side)	1 @ 3'-1" x	2'-0"	3'-9" /	
Foremast House. (after side)	1 @ 3'-3" x	3'-11"	4'-7" /	
Forecastle Pnd	1 @ 1'-10" x	3'-4"	4'-9" ✓	

Midship Deckhouse on Shelter Deck.

on front. Windows in metal frames, portable sheet shutters provided for outside  
on P. & S. sides + aft. - " " hardwood " Hinged " " fitted on outside.

Steel openings for windows 2'-0" x 1'-6" wide.

" lower edge above deck = 4'-0" on front, 4'-5" elsewhere. ✓

G. Campbell.