

11 OCT 1949

Rpt. C.11.

Lloyd's Register of Shipping.

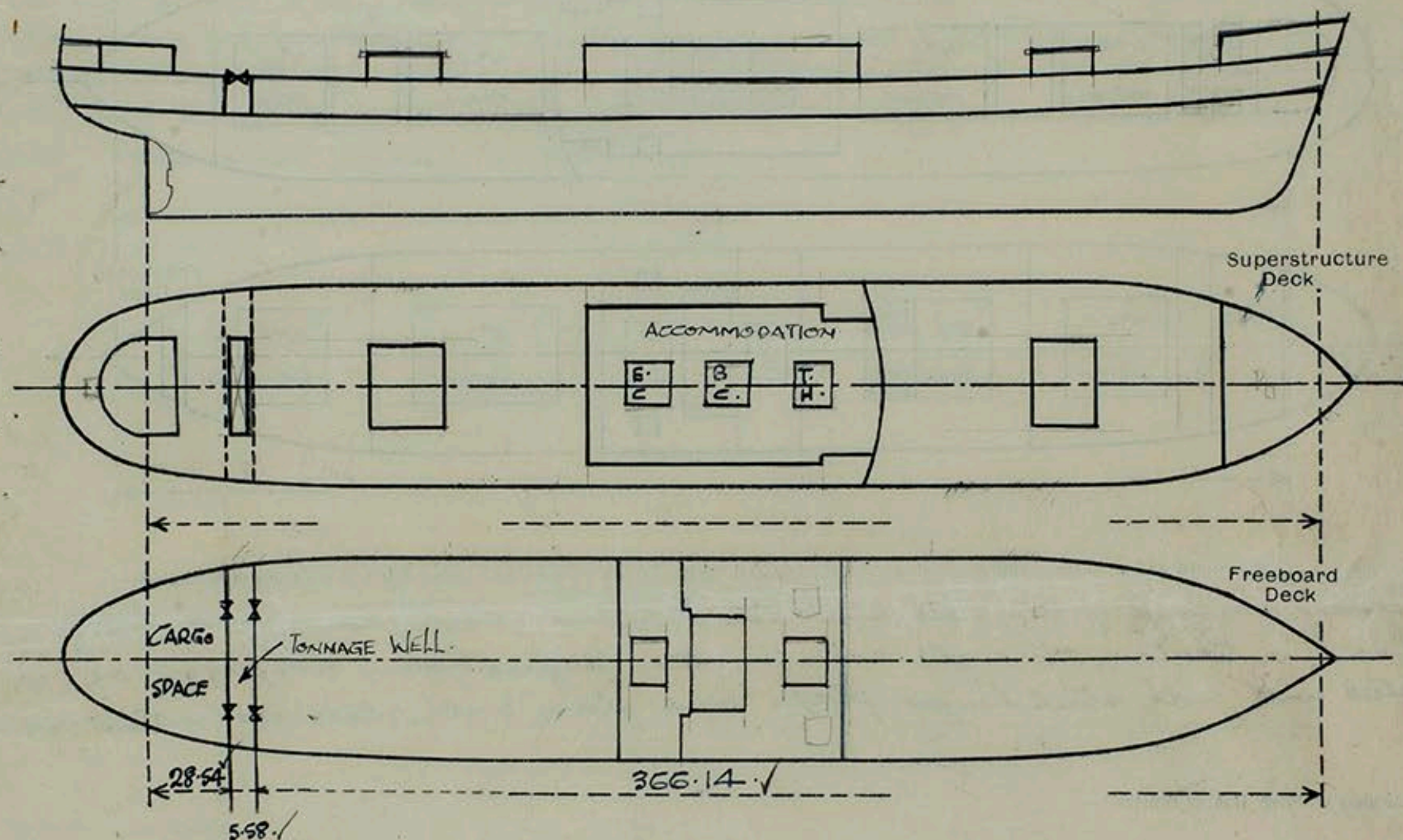
SURVEYS FOR FREEBOARD.

(CONDITIONS OF ASSIGNMENT.)

Index No. 39959
(For London Office only.)

Ship's Name HAKUBASAN MARU. Port of Survey Nagasaki
 Official Number - Surveyor's Signature G. Young.
 Nationality and Port of Registry JAPAN. TOKYO. 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.

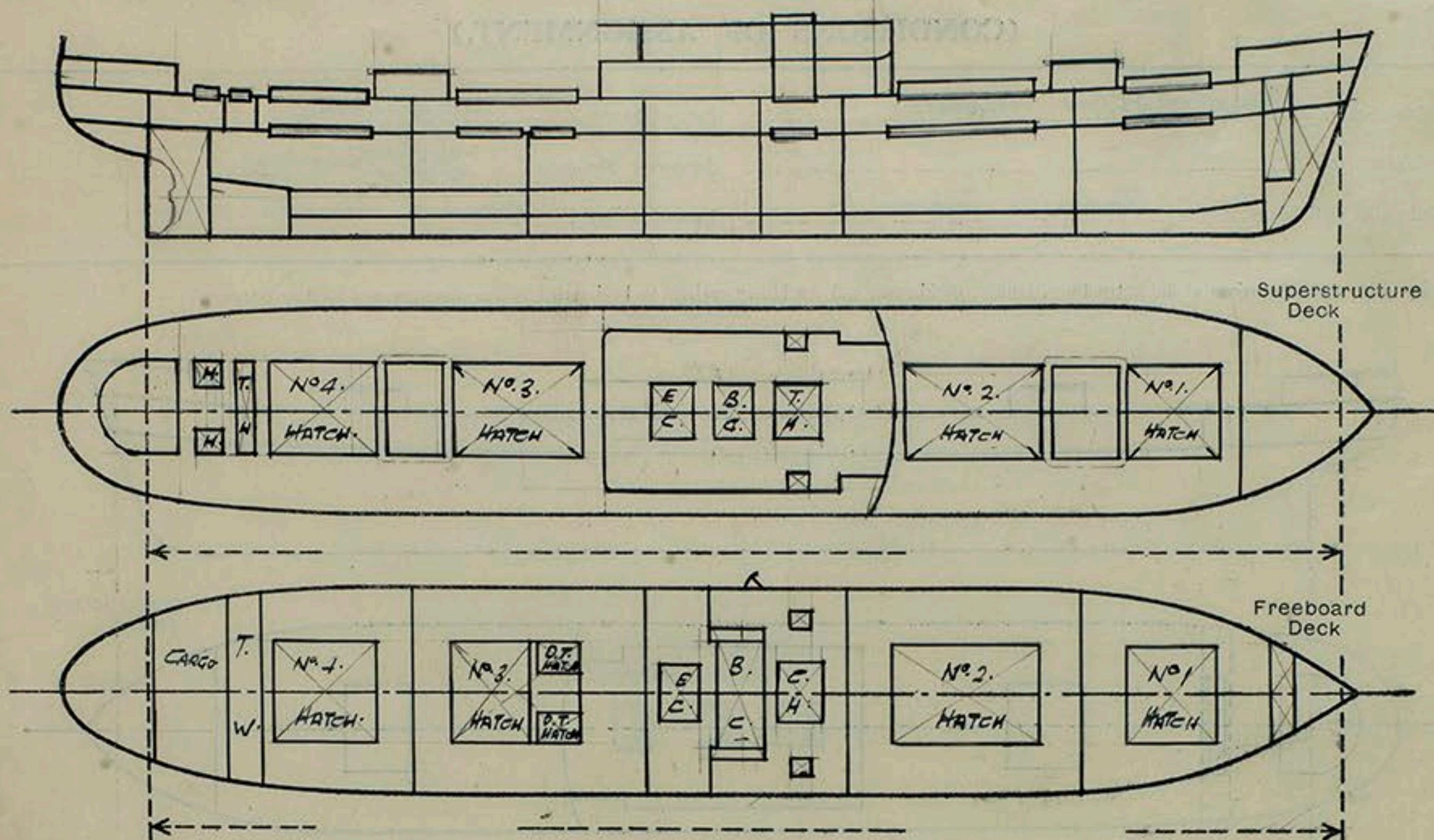
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead ...	35	28	4" x 35" FLAT	27 1/2"	none	2 @ 36" x 52"	24"	9' 22"
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	35"	28	0° ✓	0°	0°	2 @ 36" x 52"	24"	9' 22"
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...								
Trunk, Aft ...								
Trunk, Forward ...								
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 ...	X							
Deckhouses on Flush Deck Ships ...								

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

Poop Bulkhead ...	Steel boxes 13" thick in welded channels.							
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ...	Steel boxes 13" thick in welded channels.							
Bridge, Forward Bulkhead ...								
Forecastle Bulkhead ...								
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 ...	✓	?	X					
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:—

Fiddley gratings fitted with steel storm covers, Boilers Room and Engine Room ventilators strongly constructed. Engine Room skylights of steel with steel hinged flaps and glass with steel protection bars.

Particulars of Flush Bunker Scuttles:—

None ✓

Particulars of Companionways:—

Masthouse doors and rails
to timber below same in red dub

None. ✓

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

Upper Deck. 4 @ 25.6" dia x .55" King Port. ✓
2 @ 17.7" " x .39 x 30" boaming ✓
2 @ 21.7" " x .39 attached to Br. Deck. ✓
2 @ 13.8" " x .35 x 36" boaming ✓
1 @ 23.6" " x .39 x 36" boaming ✓

Fore Mast House
2 @ 33.5" dia x .63" King Port. ✓
2 @ 23.6" " x .39 x 36" boaming ✓
1 @ 11.8" " x .35 x 20" boaming ✓

Aft Mast House

2 @ 33.5" x .63" King Port. ✓
2 @ 23.6" x .39 x 36" boaming ✓
1 @ 11.8" x .35 x 20" boaming ✓

All vents closed by wood plugs + canvas covers.

King Port Vents closed by w/t. screw covers. ✓

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

Forecastle Deck.
1 @ 3 1/2" dia x 18" to opening. F.P. Tk. ✓
1 @ 3" " x 18" " " F.P. ✓

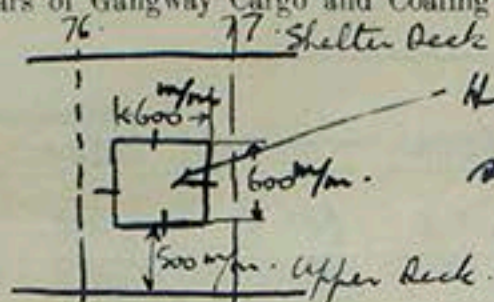
Upper Deck.
1 @ 2" dia. C/O. ✓
2 @ 3 1/2" " N°1 D.B. ✓
4 @ 4" dia N°2 D.B. ✓
4 @ 3 1/2" " N°3 D.B. ✓
1 @ 3" " F.S.D. ✓

Upper Deck.
2 @ 3" dia. Pipe Passage ✓
1 @ 2" " C/O. ✓
4 @ 3" " N°4 D.B. ✓
2 @ 3" " R.F.Tk. ✓
4 @ 3" " N°5 D.B.Tk. ✓
2 @ 3" " C/O. ✓
2 @ 2 1/2" " F.W.Tk. ✓
4 @ 6" " Deep Tk. ✓

4 @ 3 1/2" dia. N°6 Tk. ✓
4 @ 3 1/2" " N°7 Tk. ✓
2 @ 3 1/2" " N°8 Tk. ✓
1 @ 3 1/4" " C/O. ✓
1 @ 3" " AP. ✓
1 @ 4" " AP. ✓

Height to all openings on upper deck 36"
all openings fitted with hinged w/t covers
oil fuel O.B. Tk's air pipes & steam air pipes
fitted with gauge

Particulars of Gangway Cargo and Coaling Ports:— Ark Port Door Frames 76.7. Part.



Hinged steel w/t. door closed from inside with 4 strong steel eyebolts and butterfly nuts. ✓

Particulars of Scuppers and Sanitary Discharge Pipes:—

Shelter Tween decks for cargo, scuppers drained to bilge and fitted at deck with C.I. drop valve with gear rod controlled from Shelter Deck. ✓

Scuppers from Shelter Tween Deck stores drain to hold + E + B. Room bilge fitted with C.I. plugs at 2nd Deck. ✓

Tonnage opening 2 @ 5" dia scuppers discharge through storm valve below Tween Deck and are geared to and controlled from the Shelter Deck with indicator to show whether valves are open or shut. Forecastle scuppers discharge through shell with G.M. Storm Valve.

Bridge space scuppers discharge through shell below Tween Deck with G.M. Storm Valve.

Shelter Deck scuppers outside accommodation led overboard below Tween Deck with shell piece (no valve) ✓

Particulars of Side Scuttles:—

none

Vertical distance of Sill of lowest Side Scuttle above top of keel

Particulars of Guard Rails:—

none. ✓

Particulars of Gangways, Lifelines, etc.:—

Complete Superstructure. ✓

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	369.75.	43.31"	4 @ 118" x 9' 06"	-	58.47 \checkmark	28.08 \checkmark
			2 @ 39" x 9' 06"	-		36.98
			3 @ 102.36 x 9' 06"	-		
Forward Well			1 @ 90.55 x 9' 06"	-		
State position of each freeing port. { After Well :— (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 :—				not fitted		
Additional area where sheer is less than standard.						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
SUPERSTRUCTURE DECK				FREEBOARD DECK				SUPERSTRUCTURE DECK			
Description of Hatchway	Nº. 1	Nº. 2	Nº. 3	Nº. 4	Nº. 1	Nº. 2	Nº. 3	Nº. 4	Nº. 5	TONNAGE OPENING	
Dimensions of Hatchway	27' 72" x 22' 9"	44' 62" x 22' 9"	47' 41" x 22' 9"	33' 46" x 22' 9"	27' 72" x 22' 9"	47' 41" x 22' 9"	33' 46" x 22' 9"	33' 46" x 22' 9"	7' 54" x 6' 56"	22' 97"	4' 27"
COAMINGS	Height above Deck	30"	30"	30"	30"	9' 06"	9' 06"	9' 06"	9' 06"	30"	9' 06"
	Thickness	51"	51"	51"	51"	.43 Ba	.43 Ba	.43 Ba	.43 Ba	.51	.43 Ba
	Sides	11' 81" x 34' 78"	0°	0°	0°	✓	✓	✓	✓	✓	✓
	Stiffeners	7' 87" x 34' 78"	0°	0°	0°	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Brackets, Stays	8' 17" x 48" x 77' 48"	0°	0°	0°	✓	✓	✓	✓	✓	✓
	Number	4	7	8	5	4	8	5	5	none	none
	Spacing	5' 54"	5' 58"	5' 27"	5' 58"	5' 54"	5' 27"	5' 58"	5' 58"	none	none
	Scantling and Sketch	21' 26" x 39"	Plat	✓	✓	Plat	✓	✓	✓	none	none
FORE AND AFTERS	Bearing Surface	3' 94"	3' 94"	3' 94"	3' 94"	3' 94"	3' 94"	3' 94"	3' 94"	none	none
	Number									none	none
	Spacing									none	none
	Unsupported Lengths									none	none
HATCH COVERS	Material	WP	WP	WP	WP	WP	WP	WP	WP	WP	WP
	Thickness	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"	2' 95"
	How fitted	F&A	F&A	F&A	F&A	F&A	F&A	F&A	F&A	F&A	F&A
	Bearing Surface	4' 67"	4' 67"	4' 67"	4' 67"	4' 67"	4' 67"	4' 67"	4' 67"	3' 11"	3' 11"
Spacing of Cleats	2'	2'	2'	2'	2'	2'	2'	2'	2'	2'	2'
Number of Tarpaulins	2	2	2	2	1	1	1	1	1	2	2
*Are wood fore and afters steel shod at all bearing surfaces? <i>none</i> Are battens and wedges efficient and in good condition? <i>yes</i> Are tarpaulins in good condition and in accordance with rule requirements? <i>yes</i> Are lashings provided in accordance with rule requirements? <i>yes</i>											

Particulars of any special features:—

Deep Tank Hatches on 2ND Deck. 11' 15" x 8' 20". Beaming 11' 81" x 51"
 with .43" Steel O.T. hatch cover. ✓
 Hatch to Bosun's Store aft. ? (Shelter Sk)
 small hatches in shelter tween decks?
 Fuel & Boat deck coal hatch (center & side)

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