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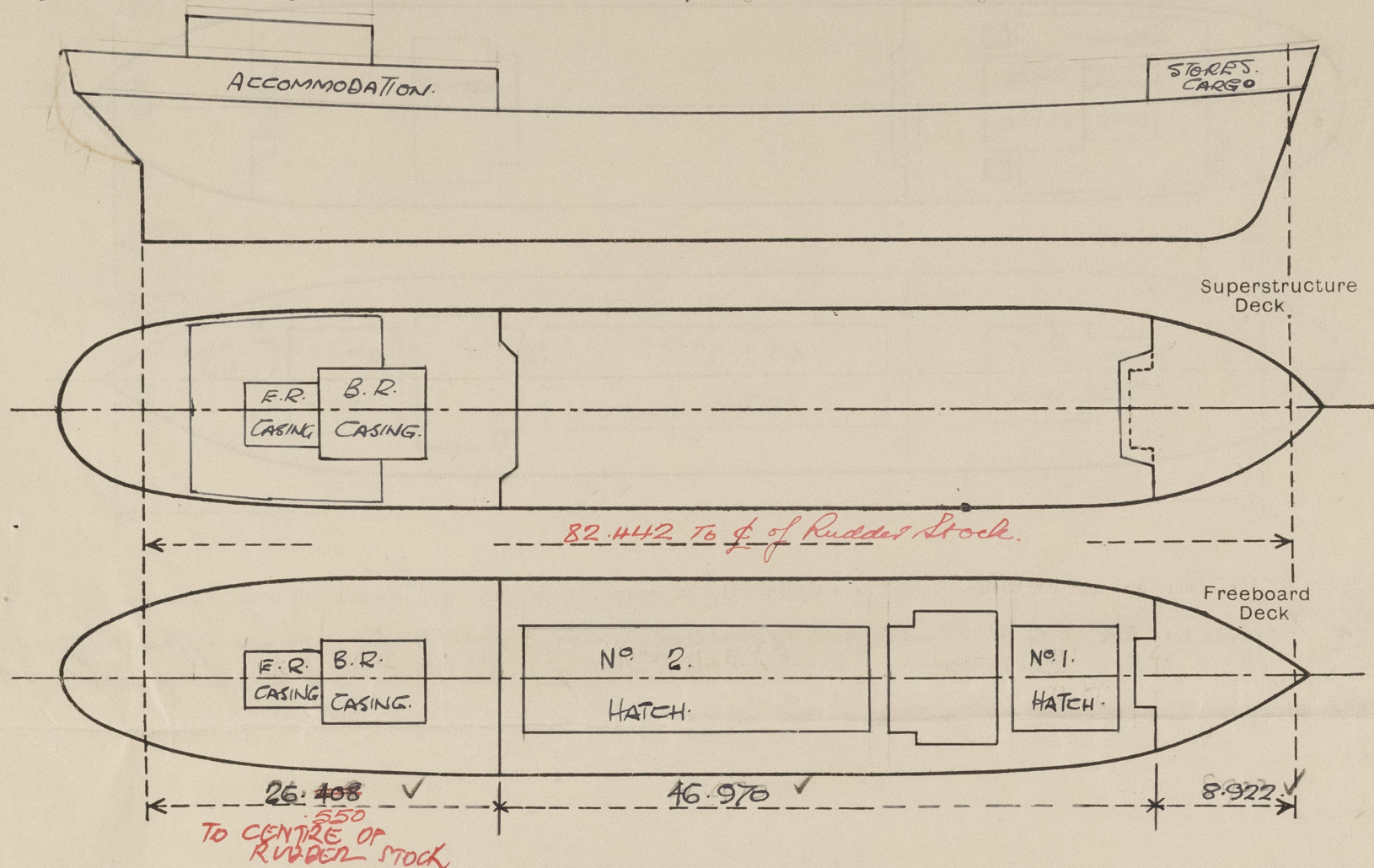
# Lloyd's Register of Shipping.

## SURVEYS FOR FREEBOARD.

### (CONDITIONS OF ASSIGNMENT.)

Ship's Name SHINWA MARU Port of Survey OSAKA  
 Official Number - Surveyor's Signature J. Young & Alfred Dixon  
 Nationality and Port of Registry JAPAN TOKYO Date of Survey JUNE 8<sup>TH</sup> & 30<sup>TH</sup> 1950

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 ...	380 x 11	10	180 x 75 x 7 CH	600 & 675. 800	BKTS.	2 @ 1300 x 750	380	2.130
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	✓							
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead ...	800 x 8	7	90 x 75 x 9 A	750 & 610	325 x 325 x 7.6	2 @ 1300 x 900	380	1.980
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	8 ✓	6 ✓	75 x 12. FB	760	CONTINUOUS	1300 x 600	400	2.130
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓							
Deckhouses on Flush Deck Ships ...	6 ✓	6 ✓	75 x 9	790	LUG AT TOP	1300 x 620	490	2.300

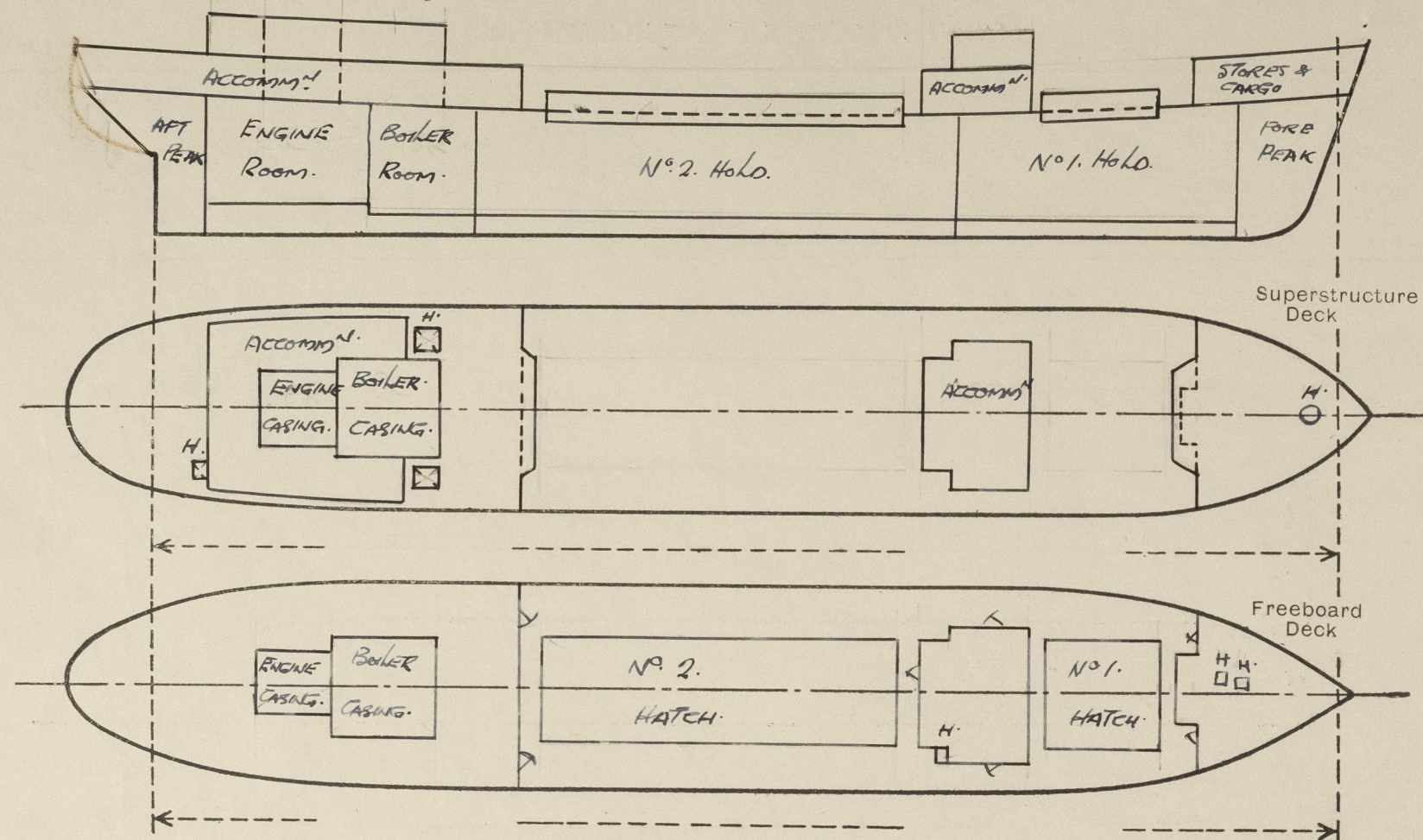
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	Hinged w/T. steel doors. capable of being manipulated from both sides ✓
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead ...	Hinged w/T. steel doors. capable of being manipulated from both sides ✓
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓
Exposed Machinery Casings on Superstructure Decks ...	Hinged w/T. steel doors. capable of being manipulated from both sides ✓
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	✓
Deckhouses on Flush Deck Ships ...	Hinged w/T. steel doors. capable of being 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 fidley, funnel and ventilator coamings, engine room skylight and other openings in machinery casing tops and their means of closing:—

The Funnel, ER & B.R. Vents are of substantial construction and efficiently stayed. Engine Room Skylight of Steel, strongly constructed, with hinged steel covers. Stakeholder fidley gratings, covered with steel hinged covers. /

Particulars of Flush Bunker Scuttles:—

none /

Particulars of Companionways:—

none. /

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

Forecastle Deck. 2 derruck port vents to hold. /

Poof Deck. 1. C.V. 200mm dia, 800x10mm boaming. Steering Gear Bomp. /  
7. G.N. 100x50. 300mm to Cap. Crews Accom. /

Closing appliances. /  
wood plugs and canvas covers

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

FORECASTLE 1 @ 100mm dia 930mm to Cap. F.P.T.K. /  
1 @ 65. " " 165. " " " N.Y.D.B.TANK. /

UPPER DECK 9 @ 65. " " 865. " " " D.B.TANKS. /

POOF 11 @ 65. " " 165. " " " D.B.TANKS. /

Closing appliances. /  
wood plug & canvas cover  
Hinged steel cover /

wood plugs & canvas covers. /

Particulars of Gangway, Cargo and Coaling Ports:—

none /

Particulars of Scuppers and Sanitary Discharge Pipes:—

Sanitary Discharges and scuppers from Bridge and Poof space discharge through shell below the freeboard deck and are fitted with storm valves. /

Particulars of Side Scuttles:—

Side scuttles in Poof & Forecastle of substantial construction and are fitted with hinged deadlights. /

Vertical distance of Sill of lowest Side Scuttle above top of keel 7.655 m. /

Particulars of Guard Rails:—

Fitted on Poof and Forecastle. /  
Height 1.20m. 2. Rails. /  
Stanchions spaced approximately 1.450 m. apart. /

Particulars of Gangways, Lifelines, etc.:—

manila lifelines between Poof, Bridge & Forecastle. /

## 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 ...	46.970 /	1.050. /	1000 x 150. /	23.	3.450 m <sup>2</sup> /	2.858 m <sup>2</sup> /

State position of each freeing port ... { After Well:—  
(F. and A. position and height above deck edge) { Forward Well:— From Poof Front, 2.800 m. and 900 m. apart. /

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.



# PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.															
← FREEBOARD DK. *UPPER DK FORWARD *POOP DECK. → FILE DECK															
Description of Hatchway	...	...	N <sup>o</sup> 1. HATCH	N <sup>o</sup> 2. HATCH	STORE HATCH	TRIMMING HATCH	CHAIN LOCKER	COAL HATCH PFS.	TRIMMING HATCH (S)	STORE HATCH (S)	ROPE HATCH				
Dimensions of Hatchway	...	...	9.150 x 6.40	25.620 x 6.400	600 x 570	450 x 580	580 x 580	2.900 x 1.500	600 x 600	600 x 600	530" dia				
COAMINGS	{	Height above Deck	890	✓	650	✓	380	✓	380	✓	470	✓	650	✓	
		Thickness {	Sides	12	✓	9	✓	9	✓	11	✓	9	✓	9	✓
			Ends	12	✓	Do	✓	9	✓	11	✓	✓	✓	✓	✓
		Stiffeners	180 x 90 x 9	✓	580	✓	580	✓	580	✓	580	✓	580	✓	
		Brackets, Stays	12" BKT.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓		
HATCH BEAMS	{	Number	6	✓	18	✓									
		Spacing	1.307	✓	1.348	✓									
		Scantling and Sketch	WEB. 550 x 9 TOP PLATE 230 x 12 BOTTOM PLATE 235 x 12	✓	Do	✓	none	none	none	none	none	none	none	none	
		Bearing Surface	15	✓											
FORE AND AFTERS	{	Number													
		Spacing													
		Unsupported Lengths													
		Scantling* and Sketch	None	✓	none	✓	none	✓	none	✓	none	✓	none	✓	
		Bearing Surface													
HATCH COVERS	{	Material	JAPANESE CEDAR	✓	Hinged w/7. steel cover	✓	WP. 60	✓	WP. 60	✓	Hinged w/7. steel w/7. hatch cover	✓	Hinged w/7. steel w/7. hatch cover	✓	
		Thickness	60	✓	Do	✓	60	✓	60	✓	60	✓	60	✓	
		How fitted	F & A	✓	Do	✓	TRANSVERSE	✓	TRANSVERSE	✓	TRANSVERSE	✓	TRANSVERSE	✓	
		Bearing Surface	75	✓	75	✓	75	✓	75	✓	75	✓	75	✓	
Spacing of Cleats	...	...	600	✓	430	✓	430	✓	550	✓	550	✓	550	✓	
Number of Tarpaulins	...	...	2	✓	1	✓	1	✓	2	✓	2	✓	2	✓	
*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:—

## TIMBER FREEBOARD.

All D.B. Tanks longitudinally subdivided for half length amidships

Bulworks see page 3. ✓

Uprights, fittings and eyeplates for lashings riveted to sheerstrake, spaced not more than 10'0" apart. The distances from the Poop & Ice fronts to the first eyeplate is less than 6'6" in each case. ✓

The steering engine and hand auxly gear fitted in the poop. ✓

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