

LLOYD'S REGISTER OF SHIPPING

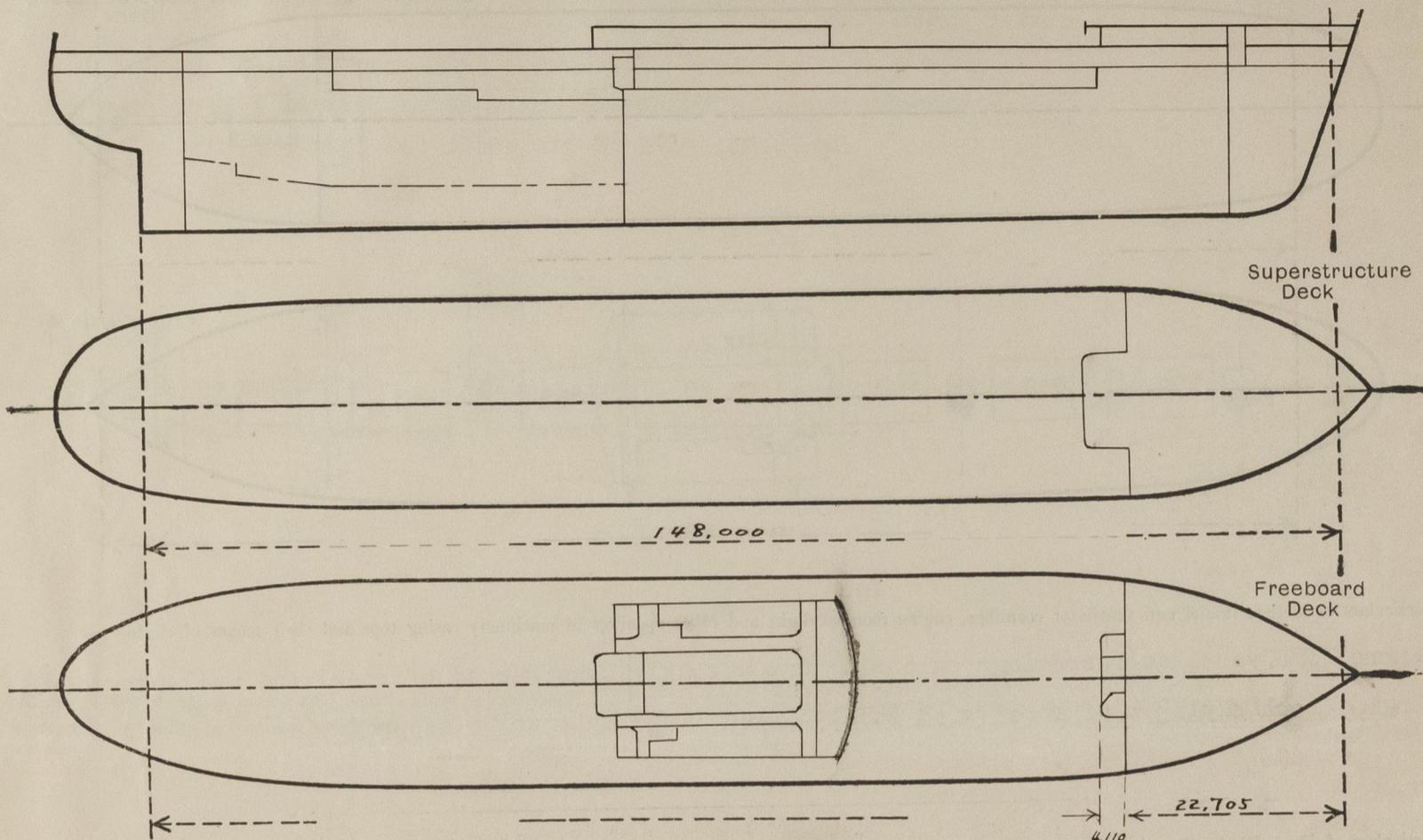
Index No. _____
(For London Office only.)

SURVEYS FOR FREEBOARD

(CONDITIONS OF ASSIGNMENT)

Ship's Name BROOKLYN MARU Port of Survey Nagasaki, Japan
 Official Number 85281 Surveyor's Signature S. H. [Signature]
 Nationality and Port of Registry Japan, Kobe Date of Survey During Construction

Disposition and dimensions of superstructures, trunks, deckhouses, machinery casings and wood sheathing 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, Beam to Beam
Poop Bulkhead ...	-	-	-	-	-	-	-	-
Raised Quarter Deck Bulkhead ...	-	-	-	-	-	-	-	-
<i>Midship Deckhouse</i> Bridge, After Bulkhead ...	8	8 ✓	120 x 12 F.B. ✓ 150 x 90 x 9 A ✓ 250x90x10/15 A ✓	760 ✓	Both Ends Welded	1550x750 1750x600	380	2,450
Bridge, Forward Bulkhead ...	10	10 ✓	400x10 WITH 100x25 F.B. ✓ 125x75 x 10 A ✓ 120x12 F.B. ✓ 75x9 F.B. ✓	750 ✓	Both Ends Welded	None 1450x850	-	2,450
Forecastle Bulkhead ...	6 & 7.5	6 & 7.5 ✓	120x12 F.B. ✓ 75x9 F.B. ✓	600 ✓	Both Ends Welded	1450x700 1300x600	380 ✓ 610	2,300
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 ...	-	-	-	-	-	-	-	-
Deckhouses <i>(Mast House)</i> and <i>(Mast House)</i> Entrances	8-12	8-12 ✓	120x11 F.B. ✓ 100x75x7 A ✓ 200x90x8/14 A ✓	760 ✓	Top Bkt. Bottom Welded	1500x600) 1500x700) 1300x600)	380 ✓ 610	2,600

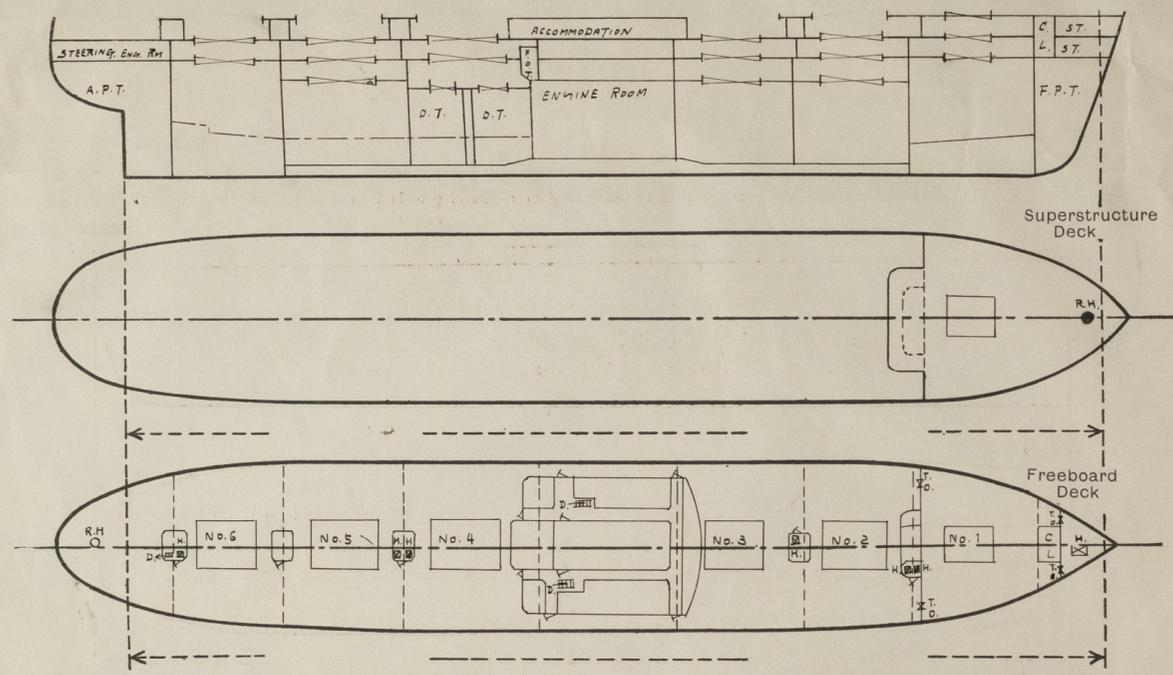
Particulars of Closing Appliances (state if capable of being manipulated from both sides).

Poop Bulkhead ...	-
Raised Quarter Deck Bulkhead ...	-
Bridge, After Bulkhead ...	-
Bridge, Forward Bulkhead ...	-
Forecastle Bulkhead ...	Storm Board in Channel. ✓
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 and <i>(Mast House)</i> Entrances	Hinged steel W.T. door capable of being manipulated from both sides. ✓

12 OCT 1960

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, side scuttles, scuppers, 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 of steel and well stayed. ✓
 Engine room skylight of steel with steel hinged flaps able to be secured. ✓

Particulars of Flush Bunker Scuttles :-

Particulars of Companionways :-

(including those incorporated in deckhouses and masthouses)
 Midship deck house: Strongly constructed hinged steel W.T. doors capable of being manipulated from both sides, ✓ Sill height 470.
 Mast Houses : Strongly constructed hinged steel W.T. doors capable of being manipulated from both sides, ✓ Sill height 390 & 620.
 Aft deck house : Strongly constructed hinged steel W.T. door capable of being manipulated from both sides, ✓ Sill height 620.

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

F'cl Deck
 4-200 x 100 G.N. 915 High ✓ 8 mm coaming. Hinged steel flaps and canvas cover.
 1-350 Dia M.V. 915 High ✓ 9 mm coaming. Screw-down W.T. cover.

Upper Deck
 2-200 x 100 G.N. 915 High ✓ 8 mm coaming. Hinged steel flaps and canvas cover
 2-300 x Dia M.V. 915 High ✓ 9 mm coaming. Screw down W.T. cover.

Derrick Post Top
 4-900 Dia. M.V. ✓ 6x700 Dia M.V. ✓
 2-600 Dia. M.V. ✓

Cargo Care System
 Air inlet & outlet on mast tables. ✓
 10mm Thick steel coaming, 800 high with W.T. steel cover capable of being secured. ✓

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

F'cl Deck
 2-130 dia x 460 high. ✓ Air pipes to the O.F. tanks provided with gauze and steel cover, ✓ and remainder with steel cover only. ✓

Upper deck.
 20-130 dia x 915 high ✓
 4 - 100 dia x 915 high ✓
 14 - 80 dia x 915 high ✓
 1 - 70 dia x 915 high ✓
 6 x 50 dia x 915 high ✓

Particulars of Gangway Cargo and Coaling Ports :-

None

Particulars of Scuppers and Sanitary Discharge Pipes :-

F'cl deck: 2-100 dia. scuppers led above upper deck. ✓
 F'cl cargo space: 2-90 drop valve operated on F'cl deck and led to No.1 hold bilge. ✓
 F'cl store space: drainage led overboard by bilge eductor. ✓
 Tween deck store space: drainage led overboard by bilge eductor. ✓
 Midshkp accommodation: Scuppers and sanitary drainage led overboard below the Load Water Line via sewage system and fitted with storm valves. ✓
 Mast houses: 20 dia brass plug permanently attached with chain. ✓
 Steering engine space: drainage led overboard by bilge eductor. ✓
 Chain locker: drainage led overboard by bilge eductor. ✓

Particulars of Side Scuttles and Deadlights :-

All side scuttles with gun-metal frame and hinged dead light of malleable cast iron are above freeboard deck. ✓

Vertical distance of sill of lowest Side Scuttle above top of keel None below freeboard deck.
 Distance from amidships to centre of lowest Side Scuttle

Particulars of Guard Rails and Bulwarks :-

F'cl deck: ② - tier of rail of 1.050 high with stanchions approx. 1,400 apart.
 Top rail 25 dia steel pipe, lower rail 22 dia steel rods. ✓
 Upper deck: Steel bulwark of 1,150 high bulwark plate 7.5 thick, top rail 180 x 9.5 B.P.
 Stay 8 - 10 with 90 flange. ✓

Particulars of Gangways, Lifelines, etc. :-

None

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	-	1,150	1,450 x 225	14	4.564	As approved
Forward Well	-	1,150	1,300 x 225	10	2.925	-

State position of each freeing port { After Well :- Fr. Nos. 15-19, 27-31, 35-39, 43-47, 51-54, 59-63, 67-71 ✓
 (F. and A. position and height above deck edge) { Forward Well :- Fr. Nos. 114-118, 122-126, 130-134, 138-142, 146-150 ✓

State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :- No

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.									
			Upper Deck						
			F'cl						
Description of Hatchway	No. 1	No. 1	No. 2	No. 3	No. 4	No. 5	No. 6
Dimensions of Hatchway	7,535	7,535	12,455	11,200	11,200	12,800	8,800
			4,500	4,500	7,000	7,000	7,000	7,000	7,000
COAMINGS	Height above Deck ... Thickness { Sides ... Ends ... Stiffeners ... { Sides ... Brackets, Stays { Ends	900	230x11	---	800	---	---	---
		...	12	---	---	12	---	---	---
		...	12	---	---	12	---	---	---
		...	250x16 F.B.	---	360x36	250x16	250x20	430x36	250x20
			180x16 F.B.	---	---	10 with 90 fl.	---	---	---
HATCH BEAMS	Number ... Spacing ... Scantling and Sketch ...	...	4	8	6	6	7	5
		...	1,507	1,400	1,625	1,625	1,625	1,625	
		...	18x165	20x230	---	20x245	---	---	
		...	10x314	12.7x460	---	12.7x460	---	---	
			18x165	20x230	---	20x245	---	---	
			---	---	75	---	---	---	
FORE AND AFTERS	Number ... Spacing ... Unsupported Lengths ... Scantling* and Sketch ...	...	---	---	---	---	---	---
		...	---	---	---	---	---	---	
		...	---	---	---	---	---	---	
		...	---	---	---	---	---	---	
			---	---	None	---	---	---	
			---	---	---	---	---	---	
HATCH COVERS	Material ... Thickness ... How fitted ... Bearing Surface ...	...	Steel	---	---	Wood	---	---
		...	7.5	---	---	75	---	---	
		...	thick	---	---	Fore & Aft,	---	---	
		...	---	---	---	65	---	---	
			---	---	---	600	---	---	
			---	---	---	2	---	---	
Spacing of Cleats	...	...	---	---	---	---	---	---
Number of Tarpaulins	...	...	---	---	---	---	---	---
*Are wood fore and afters steel shod at all bearing surfaces?			None						
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						
Are wood covers fitted with galvanised end bands?			Yes						

5 PONTON TYPE COVERS 1498 x 4740 x 205 mm EACH WITH 3 FORE & AFT STIFFENERS 10 mm F.B. & INTERCOSTAL 10 mm WITH 150 x 16 mm F.B. (as approved)

Locking bars

Particulars of any special features:— (Timber Deck-cargo Fittings, Skylights, Sewage Systems, Ash Ejectors, Rubbish Shoots, etc.)

Rope Hatches on F'cl and Upper Deck, aft.

600 dia. 620 x 11.5 coaming with hinged steel W.T. cover, secured?

HATCHES WITHIN MASTHOUSES WITH 610 mm SILL

600 x 600 mm with 75 x 10 mm coaming, hinged steel N.W.T. cover.

HATCHES WITHIN MASTHOUSE WITH 380 mm SILL

600 x 500 mm., coaming 230 x 10 mm, with hinged steel W.T. cover.



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