

# LLOYD'S REGISTER OF SHIPPING

## FOR CLASSIFICATION PURPOSES ONLY

### SURVEYS FOR FREEBOARD

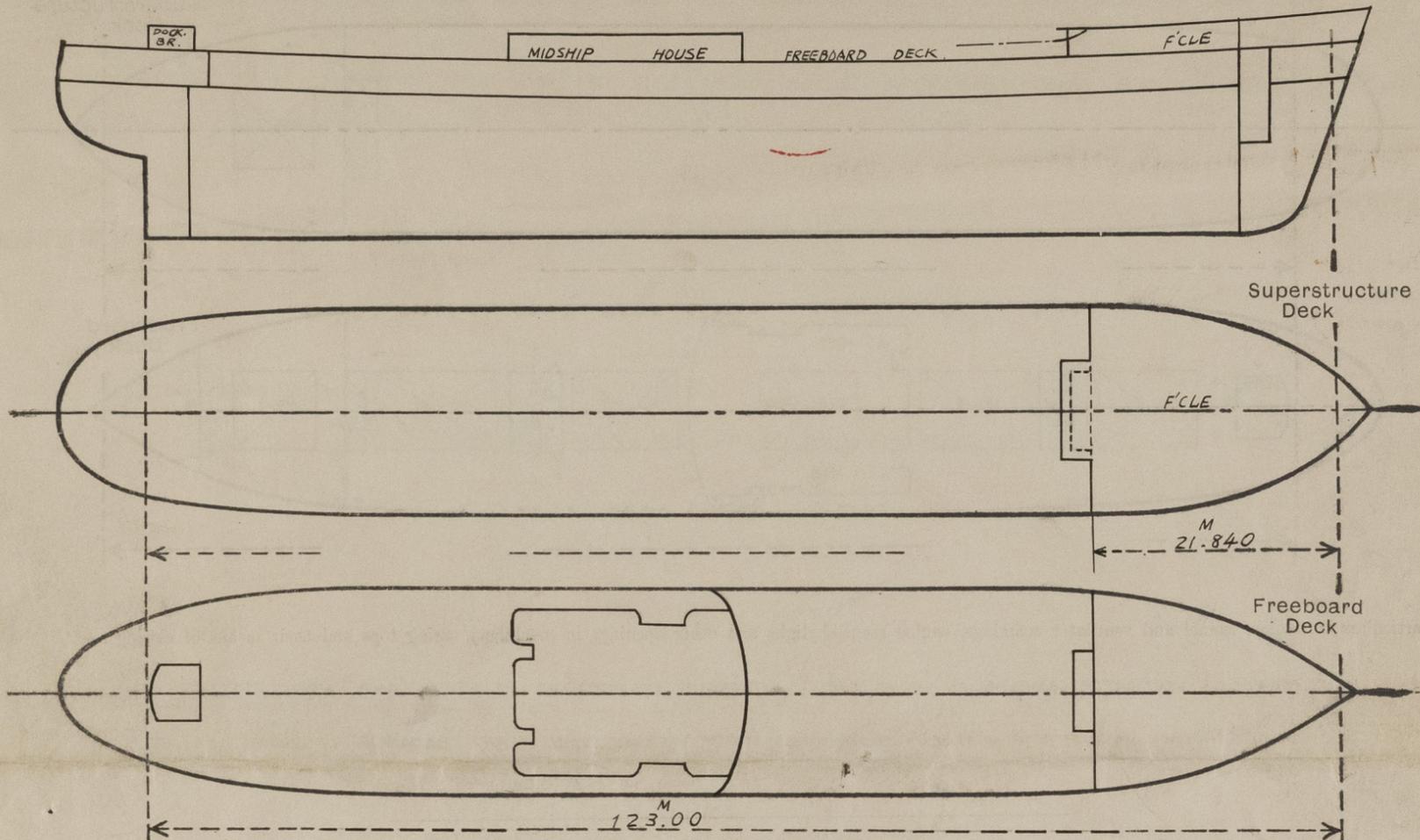
(CONDITIONS OF ASSIGNMENT)

Index No. \_\_\_\_\_  
(For London Office only.)

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Ship's Name..... NAGAOSAN MARU Port of Survey..... TAMANO  
 Official Number..... 85430 Surveyor's Signature..... [Signature]  
 Nationality and Port of Registry..... JAPAN KOBE Date of Survey..... 16<sup>th</sup> August 1960

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.

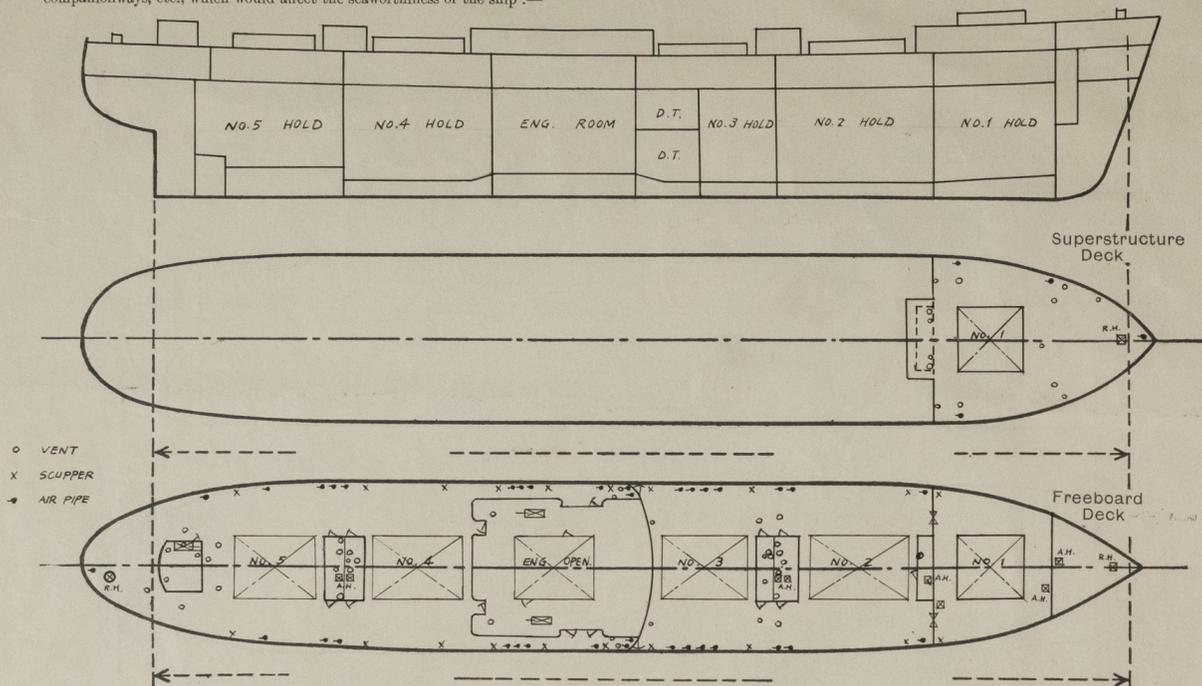
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height, Beam to Beam
Poop Bulkhead ... ..								
Raised Quarter Deck Bulkhead ...								
Bridge, After Bulkhead ... ..								
Bridge, Forward Bulkhead... ..								
Forecastle Bulkhead... ..	7.5	7.5 ✓	75 x 75 x 6 I ✓	650 ✓	BOTH FREE	2 x 650 x 1520 2 x 920 x 1300	380 ✓ 460 ✓	2,400
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 ... ..	FRONT 10.5 SIDE 7.5 AFT 7	10.5 ✓ 7.5 ✓ 7 ✓	200 x 90 x 9/14 I 100 x 75 x 7 I 100 x 75 x 7 I	760 ✓ 750 ✓ 760 ✓	BOTH WELD BOTH WELD BOTH FREE	2 x 750 x 1520 1 x 600 x 1520 2 x 800 x 1520	395 395 ✓ 380	2,350
Deckhouses and Pump Room Entrances	FRONT 8 SIDE & AFT 7	8 ✓ 7 ✓	125 x 75 x 7 I 100 x 75 x 7 I	760 ✓ 610 ✓	BOTH WELD BOTH WELD	650 x 1400 900 x 1600	610 ✓ 380 ✓	2,300

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... ..	SLIDING TYPE STEEL COVERS ✓
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 ... ..	HINGED STEEL G/T DOORS (CAPABLE OF BEING MANIPULATED BOTH SIDES) ✓
Deckhouses and Pump Room Entrances	HINGED STEEL W/T DOORS ✓ (CAPABLE OF BEING MANIPULATED BOTH SIDES)
DOCKING BRIDGE	HINGED STEEL W/T DOORS (CAPABLE OF BEING MANIPULATED 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, 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 & VENTILATOR COAMINGS ON CASING TOP : STRONGLY CONSTRUCTED OF STEEL AND WELL STAYED ✓
- ENGINE ROOM SKYLIGHT : STEEL CONSTRUCTION WITH HINGED STEEL FLAPS CAPABLE OF BEING SECURED ✓

Particulars of Flush Bunker Scuttles :-

NONE

Particulars of Companionways :-

(including those incorporated in deckhouses and masthouses)

- IN MIDSHIP HOUSE : ENCLOSED IN STRONGLY CONSTRUCTED STEEL DECKHOUSE, HINGED STEEL W/T DOORS CAPABLE OF BEING OPERATED BOTH SIDES. 395 mm SILLS AT SIDE WALL, 380 mm SILLS AT AFT WALL. ✓
- IN AFT END DECK HOUSE : ENCLOSED IN STRONGLY CONSTRUCTED STEEL DECKHOUSE, HINGED STEEL W/T DOORS CAPABLE OF BEING OPERATED BOTH SIDES. 610 mm SILL ✓
- IN F.C.L.E. AFT DECK HOUSE : COMPANION WAY TO TWEEN DECK & HOLDS ENCLOSED STRONG STEEL HOUSE CLOSED BY HINGED STEEL W/T DOOR OPERATED BOTH SIDES. 380 mm SILL. 650 x 1520 mm OPENING. ✓
- IN MAST HOUSE 2/3 } : COMPANION WAY TO TWEEN DECK & HOLDS ENCLOSED STRONG STEEL MAST HOUSE CLOSED BY HINGED STEEL W/T DOORS OPERATED BOTH SIDES. 640 mm SILL. 650 x 1300 mm OPENING. ✓

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

DECK	No.	TYPE	DIA.	COAMING HT.	COMPARTMENT	DECK	No.	TYPE	DIA.	COAMING HT.	COMPARTMENT
F.C.L.E. DECK	8	G.V.	150	915 x 8	F.C.L.E. STORE	FREEBOARD DECK	2	W.V.	300 x 200	?	UPPER DEEP TANK
"	2	C.V.	500	915 x 10	F.C.L.E. C.S. NO.1 TWIN DK. & HOLD	"	2	C.V.	500	915 x 10	NO.5 TWIN DK. & HOLD
"	2	M.V.	650	5200 x 15	NO.2 TWIN DK. & HOLD	"	2	C.V.	300	915 x 9	ST. GEAR RM. ESC. TRUNK.
"	2	M.V.	500	915 x 10	F.C.L.E. C.S. NO.1 TWIN DK. & HOLD	"	2	M.V.	200	915 x 8	STORE, MAIL ROOM
NO. 2/3 MAST HOUSE	1	C.V.	200	765 x 8	CARPENTER SHOP	AFT END DK HOUSE	1	C.V.	200	765 x 8	POOP CARGO SPACE
"	2	C.V.	650	765 x 10	NO.2 TWIN DK. & HOLD	"	1	M.V.	200	300 x 8	POOP CARGO SPACE
" (D.R.)	2	M.V.	750	750 x 10	(EFFICIENTLY STAYED) NO.3 TWIN DK. & HOLD	"	1	M.V.	300	400 x 8	ST. GEAR RM.
"	2	G.V.	150	765 x 8	NO.4 TWIN DK. & HOLD	"	1	M.V.	150	300 x 8	STORE
NO. 4/5 MAST HOUSE	2	C.V.	650	765 x 10	DECK STORE	F.C.L.E. AFT END BHD	1	W.V.	540 x 720	?	NO.1 HOLD, TWIN DK. & F.C.L.E.
"	2	M.V.	650	5000 x 10	NO.5 TWIN DK. & HOLD	NO. 2/3 MAST HOUSE	1	M.V.	750	760 x 11	NO.2 " & TWIN DK.
"	2	G.V.	150	765 x 10	DECK STORE	"	1	M.V.	600	760 x 11	NO.3 " "
BRIDGE AFT	2	M.V.	750	750 x 10	(EFFICIENTLY STAYED) NO.4 TWIN DK. & HOLD	NO. 4/5 " "	1	M.V.	750	760 x 11	NO.4 " "
FREEBOARD DECK	2	C.V.	350	915 x 9	NO.3 HOLD	"	1	M.V.	600	760 x 11	NO.5 " "
"	2	M.V.	100	1600 x 8	REF. CARGO SPACE	CLOSING ARRANGEMENT :-					
"	2	M.V.	100	1800 x 8	REF. CARGO SPACE	COWL VENT. : WOOD PLUG & CANVAS COVERS ✓					
"	2	C.V.	200	915 x 8	LOWER DEEP TANK.	G.V. & W.V. : HINGED W/T COVERS ✓					
						MUSHROOM VENT. : SCREW DOWN W/T COVERS ✓					
						M.V. (WITH M.FANS) : STEEL PLATE DAMPER ✓					

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

DECK	No.	DIA.	HT. TO LIP	COMPARTMENT
F.C.L.E. DECK	4	80	460	F.P.T. NO.1 BWT
FREEBOARD DECK	20	100	915	NO.2 FOT, NO.3 DOT, NO.4 BWT
"	8	90	915	NO.5 FOT, NO.6 FOT, NO.7 F.W. & BWT
"	6	80	915	DECK TR. F.W.T. FB.W.T.
"	1	50	915	COFF. NO.7 F.W. & BWT, APT
"	1	50	915	COFF.

CLOSING ARRANGEMENT :-  
 ALL AIR PIPES : BONNET TYPE ✓  
 OIL FUEL AIR PIPES FITTED WITH GAUZE.

Particulars of Gangway Cargo and Coaling Ports :-

NONE

Particulars of Scuppers and Sanitary Discharge Pipes :-

- 1 - 80 mm SCUPPER (P & S) FROM F.C.L.E. LED OVERBOARD BELOW FREEBOARD DECK WITH CS STORMVALVE AT SHIP SIDE. ✓
- 5 - FREEBOARD DECK SCUPPER (P & S) CUT THROUGH STRINGER ANGLE COMPENSATION PROVIDED. ✓
- 1 - 130 mm SCUPPER (P & S) FROM FREEBOARD DECK LED OVERBOARD BELOW FREEBOARD DECK AT SHIP SIDE. ✓
- 3 - 80 mm SCUPPER (P & S) FROM FREEBOARD DECK LED OVERBOARD BELOW FREEBOARD DECK AT SHIP SIDE. ✓

DISCHARGES FROM SCUPPERS AND SANITARY PIPES LED BELOW FREEBOARD DECK FOR SEWERAGE SYSTEM FITTED WITH STORMVALVES AND SDNR VALVES IN ENGINE ROOM. ✓

Particulars of Side Scuttles and Deadlights :-

NONE SIDE SCUTTLE BELOW FREEBOARD DECK AND AT AFT END BULKHEAD OF F.C.L.E. ✓

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.C.L.E. DECK : 1070 mm HIGH STANCHIONS SPACED 1370 mm WITH 3 TIER RAILS. ✓
- FREEBOARD DECK : BULWARK 1150 mm HIGH x 75 WITH 230 x 11 B.P. TOP RAIL & STAYS 75 BY 1500 APART ✓

Particulars of Gangways, Lifelines, etc. :-

*lifelines provided.*

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 ...	101.160 ✓	1,150	1250 x 250	24	7.50 m <sup>2</sup>	6.16 m <sup>2</sup>
Forward Well ...						

State position of each freeing port	FROM AP IN M											
(F. and A. position and height above deck edge)	After Well :-	7.80	10.80	13.80	16.80	19.80	22.80	25.80	28.80	31.80		
	Forward Well :-	34.80	37.80	40.80	46.80	50.55	68.55	71.55	74.55	77.55		
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :-		( 280 mm HEIGHT ABOVE DECK EDGE ) OPEN										

Additional area where sheer is less than standard.

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.							
Description of Hatchway ...	F'CLE DK		FREEBOARD DECK				
	No.1	No.1	No.2	No.3	No.4	No.5	
Dimensions of Hatchway ...	8220 x 6400	8220 x 6400	13500 x 6400	9750 x 6400	13500 x 6400	9000 x 6400	
COAMINGS	Height above Deck ...	850 ✓	230 ✓	850 ✓	850 ✓	850 ✓	850 ✓
	Thickness { Sides ...	11 ✓	11 ✓	11 ✓	11 ✓	11 ✓	11 ✓
	{ Ends ...	11 ✓	11 ✓	11 ✓	11 ✓	11 ✓	11 ✓
	Stiffeners ... { Sides ...	-	-	-	125 x 9 FB	125 x 9 FB	-
{ Ends ...	-	-	-	-	-	-	
	9 1/2 STAYS	-	9 1/2 STAYS	9 1/2 STAYS	9 1/2 STAYS	9 1/2 STAYS	
HATCH BEAMS	Number ...	5	5	8	6	8	5
	Spacing ...	1500	1500	1500	1500	1500	1500
	Scantling and Sketch ...						
	Bearing Surface ...	100 ✓	100 ✓	100 ✓	100 ✓	100 ✓	100 ✓
FORE AND AFTERS	Number ...						
	Spacing ...						
	Unsupported Lengths ...						
	Scantling* and Sketch ...						
HATCH COVERS	Material ...	WOOD	WOOD ✓	WOOD ✓	WOOD ✓	WOOD ✓	WOOD ✓
	Thickness ...	75	65 ✓	65 ✓	65 ✓	65 ✓	65 ✓
	How fitted ...	F 2 A	F 2 A ✓	F 2 A ✓	F 2 A ✓	F 2 A ✓	F 2 A ✓
	Bearing Surface ...	77	77 ✓	77 ✓	77 ✓	77 ✓	77 ✓
Spacing of Cleats ...	609	609	600	590	600	580	
Number of Tarpaulins ...	2	1	2	2	2	2	
*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 ✓ <i>Locking bars</i>			
Are wood covers fitted with galvanised end bands?				YES ✓			

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

F'CLE DECK :-

ROPE HATCH : 580 x 600 OPENING, 610 x 11 COAMING HINGED STEEL W/T COVER TOGGLES & BOLT FASTENERS ✓

FREEBOARD DECK :-

IN F'CLE SPACE

ROPE HATCH : 580 x 600 OPENING, 230 x 11 COAMING HINGED STEEL W/T COVER TOGGLES & BOLT FASTENERS ✓

CHAIN LOCKER HATCH : 600 x 600 OPENING, 230 x 11 COAMING HINGED STEEL W/T COVER TOGGLES & BOLT FASTENERS ✓

ACCESS HATCH : 600 x 600 OPENING, 230 x 11 COAMING HINGED STEEL W/T COVER TOGGLES & BOLT FASTENERS ✓

IN F'CLE AFT DECK STORE

ACCESS HATCH : 600 x 600 OPENING, 230 x 11 COAMING HINGED STEEL COVER TOGGLES & BOLT FASTENERS

IN MAST HOUSE 3/3, 4/5 ✓

ACCESS HATCH : 600 x 600 OPENING 230 x 11 COAMING HINGED STEEL COVERS TOGGLES & BOLT FASTENERS

AT AFT END ✓

ROPE HATCH : 550 φ OPENING 610 x 11 COAMING HINGED STEEL W/T COVER TOGGLES & BOLT FASTENERS ✓



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