

Lloyd's Register of Shipping.

SURVEYS FOR FREEBOARD.

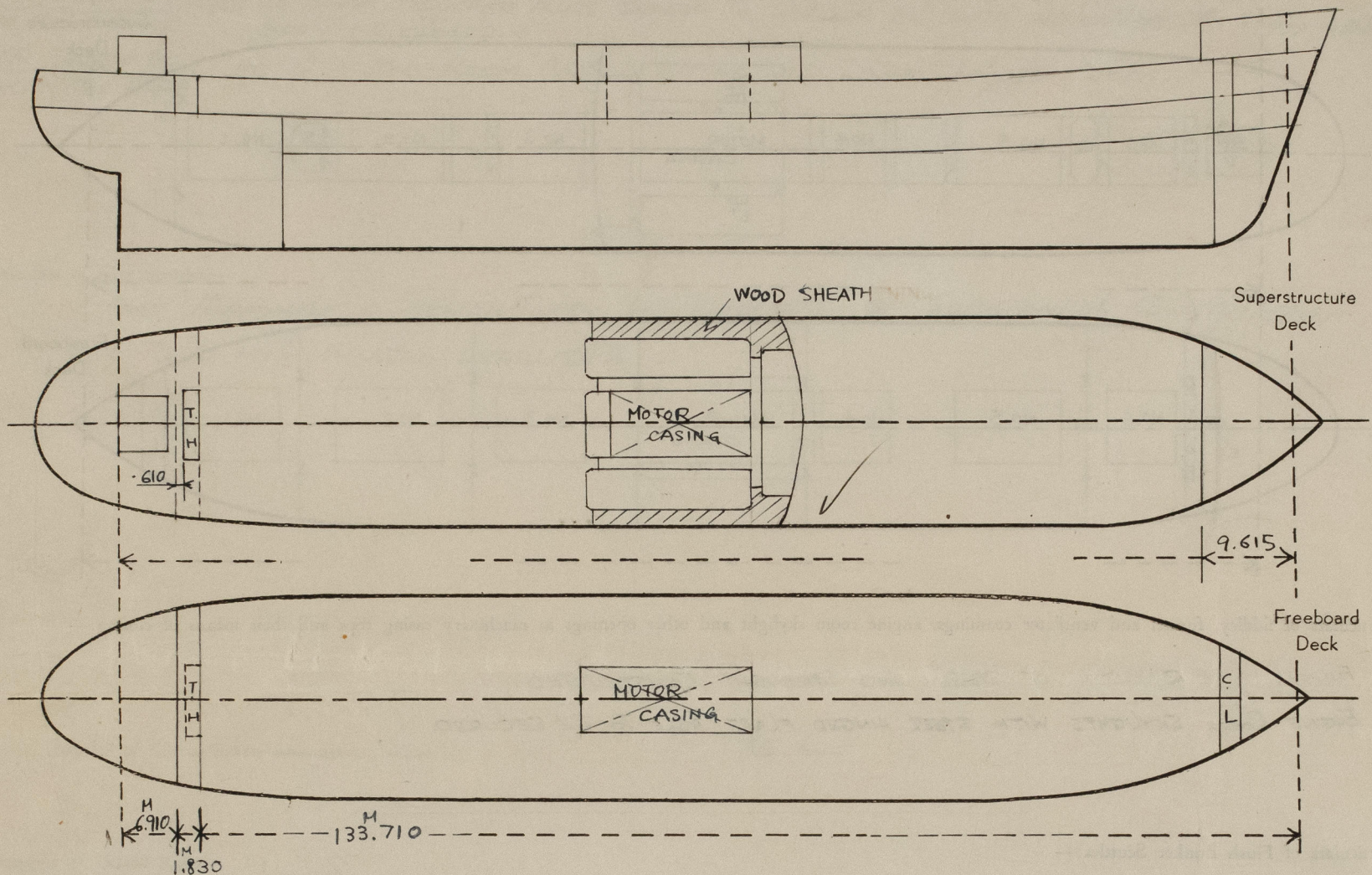
 Index No.
 (For London Office only.)

(CONDITIONS OF ASSIGNMENT.)

49 SET 1951

Ship's Name AKAGISAN MARU.Port of Survey TAMANO - JAPAN.Official Number 67659Surveyor's Signature G. Young.Nationality and Port of Registry JAPAN. TOKYODate of Survey WHILST BUILDING.

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.

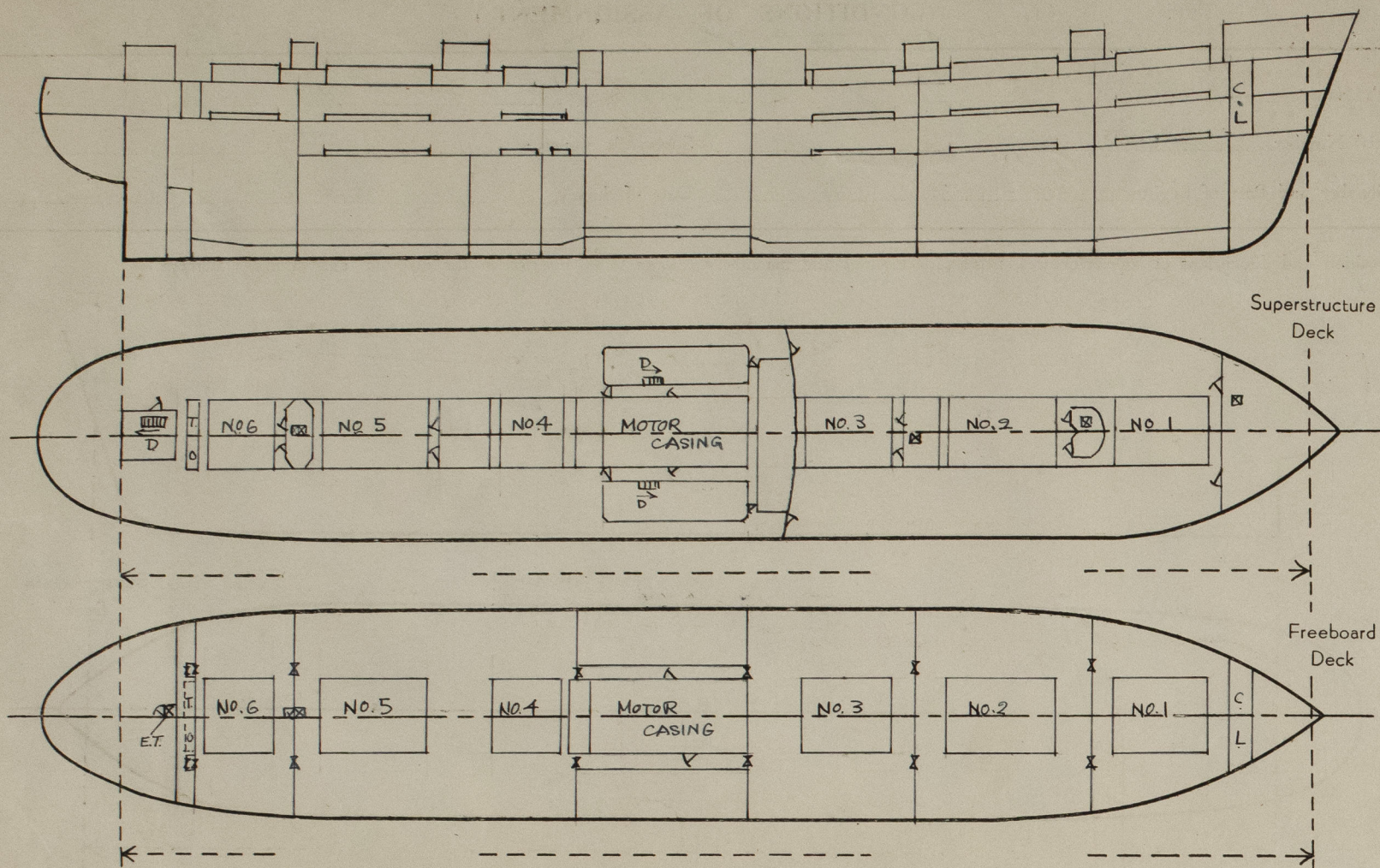
	Coaming	Plating	Stiffeners	Spacing	End Attachments of Stiffeners	Size of Openings	Height of Sills	Height of Casings
Poop Bulkhead (AFT TONNAGE WELL)	6.5.	6.5.	100x75x7. I	700.	NONE	NONE	-	2.900
Raised Quarter Deck Bulkhead ...	✓							
Bridge, After Bulkhead ...	6.5.	6.5.	100x75x7. I	700.	NONE	NONE	-	2.900
Bridge, Forward Bulkhead ...	✓							
Forecastle Bulkhead (SHELTER DK.)	7.5.	7.5.	100x75x7. I	750.	NONE	1340x550.	380.	2.300
Trunk, Aft ...	✓							
Trunk, Forward ...	✓							
Exposed Machinery Casings on Freeboard or Raised Quarter Decks ...	✓							
Exposed Machinery Casings on Superstructure Decks ...	7	7	90x10 F.B.	840.	TOP BKT. BOTTOM FREE	NONE	-	2.400
Machinery Casings within Superstructures not fitted with Class I Closing Appliances ...	7.	7.	90x9 F.B.	840	TOP CONT. BOTTOM FREE	1650x650	300	2.900
Deckhouses on Flush Deck Ships ...	✓							

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

Poop Bulkhead ...	NO OPENING.
Raised Quarter Deck Bulkhead ...	✓
Bridge, After Bulkhead ...	SHIFTING BOARDS IN WELDED CHANNELS. ✓
Bridge, Forward Bulkhead ...	✓
Forecastle Bulkhead (SHELTER DK.)	HINGED W/T. STEEL DOOR. CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓
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 DOOR. CAPABLE OF BEING MANIPULATED FROM BOTH SIDES. ✓
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:—

FUNNEL & E.R. VENTS OF STEEL AND STRONGLY CONSTRUCTED.

ENGINE ROOM SKYLIGHTS WITH STEEL HINGED FLAPS ABLE TO BE SECURED.

Particulars of Flush Bunker Scuttles:—

NONE

Particulars of Companionways:—

HOUSE (AFT SHELTER DK) - STRONGLY CONSTRUCTED OF STEEL WITH DOORWAY STILL 450. M.
AND HINGED STEEL W/T. DOOR. ABLE TO BE SECURED FROM BOTH SIDES. ✓

Inside Unship
Bunk

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

FORECASTLE DK-

FORWARD WINCH HOUSE

2. C.V. 500% DIA. = 765% II. GRAMING. NO.1 HOLD & LOWER TWO OK
8. G.N. 150% DIA. = 765% 8 TO L.P. STORES.

SHELTER DECK.

2. C.V.	300%	DIA. = 915 = 9.	LOADING.	UPPER TW. DKS.	AFT WINCH HOUSE	
3. C.V.	500	" = 765 = 11.	"	N° 4 HOLD + TW DKS.	3. C.V. 150 DIA. 450 TO LIP.	STORES & PANEL ROOM.
2. C.V.	500	" = 765 = 11.	"	N° 5 HOLD + TW DKS.		
2. C.V.	300	" = 765 = 9.	"	RT. + STEERING ENG. RM.	2. C.V. 650 "	DERRICK POSTS.
2. M.V.	200	" = 790 = 8.	"	DEED TANK.		
1. E.N.	150	" = 760 = 8.	"	STORES. AFT.	AFT MAST HOUSE	
2. C.V.	718	" = 760 = 8.	"		2. C.V. 500 = 600 = 1/2	LOADING. N° 5 HOLD & TW DKS.

FORWARD MAST HOUSE

				MUSHROOM VENTS WITH FAN MOTOR (STRONGLY CONSTRUCTED)	
2.C.V.	300	DIA x	YES	FELT DK. @ 540 DIA x 955 H. GAMING.	CLOSING ARRESTS.
2.C.V.	650	"	DERRICK POSTS.	FORBANK HOUSE 2LG 700 x 985 H. GAMING.	
1.M.V.	450	"	805 H.	AFT. WINDMILL HOUSE @ 800 x 1050 H. GAMING.	COWL VENTS - WOOD PLUGS & CANVAS COVERS
3.M.V.	450	"	600 H.	SHEETER DK. @ 540 x 955 H. GAMING	GOSPELVEES - HINGED WIT COVERS.
			PANEL ROOM.		MUSHROOM VENTS - SCREW DOWN WIT STEEL TOWERS.
			PANEL ROOM.		

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

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

FORECASTLE DECK

1 @ 50 "m Dia	460	To Lap.	/ C/D.
1 @ 100 " "	"	"	" / F.P.T.K.
1 @ 130 " "	"	"	" / F.P.T.K.
1 @ 130 " "	"	"	" / F.P.T.K.
<u>SWEETEN DECK.</u>			
6 @ 50 "m "	700.	"	" / F.P.T.K. / C/D.
1 @ 100 " "	"	"	" / ACT P.E.T.K. TH.
1 @ 100 " "	700	"	" / D.B.TIES.
1 @ 130 " "	700.	"	" / D.B.TIES. / DEEP T.K.

CLOSING ARGTS.

HINGED STEEL W/7 COVERS.

OK FUEL AIR PIPES FITTED WITH GRAUZE ✓

Particulars of Gangway Cargo and Coaling Ports:—

NONE

Particulars of Scuppers and Sanitary Discharge Pipes:—

FORECASTLE - SCUPPERS & SANITARY DISCHARGES LED OVERBOARD ABOVE FREEBOARD DECK AND FITTED WITH STORM VALVES
MIDSHIP ACCOMMODATION } SCUPPERS & SANITARY DISCHARGES " " " " " " " " " " " "

BET HOUSE
TONNAGE WELL. 130^{mm} Scupper P/S. LED OVERBOARD BELOW FREEBOARD OK. SCUPPER PLUG GEARED TO SHELTER DECK WITH INDICATOR TO SHOW WHETHER OPEN OR SHUT. STORM VALVE ON SHILL. ✓
SHELTER TWEEN. OK LED TO BILGE, SCUPPER PLUGS GEARED TO SHELTER DK WITH INDICATORS TO SHOW WHETHER OPEN OR CLOSED. ✓
(OUTSIDE MOTOR ROOM)

SHED TWEEN DK
(AAREAST MOTOR ROOM) LED TO MOTOR ROOM BILGE & FITTED WITH LEVER LOADED COCKS. ✓

Particulars of Side Scuttles:—

IN ADD. FORECASTLE + SHUTTER TWEEN DECKS (AMIDSHIPS) OF SUBSTANTIAL CONSTRUCTION
& FITTED WITH HUNGED DEADLIGHTS. ✓

Vertical distance of Sill of lowest Side Scuttle above top of keel..... 11.275 m.

Particulars of Guard Rails:—


FORECASTLE :- 3 TIER RAILS 1000^{mm} HIGH WITH STANCHIONS SPACED APPROX 1500 mm. apart.
TOP RAIL. 32^{mm} G.W.I. PIPE ✓
22^{mm} Ø LOWER RAILS. ✓

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	89.565.	1.200	1300 x 230	10.	2.740 m ² ✓	2.727 m ²
Forward Well	52.170	1.200 ✓	1300 x 230 ✓	11. ✓	3.014 m ² ✓	1.588 m ²
State position of each freeing port { After Well :— <u>AFT END.</u> 21.50/26.54/31.60/36.60/41.68/45.04/48.40/51.74/55.10/58.46/. (F. and A. position and height above deck edge) { Forward Well :— <u>FILE FRONT.</u> 6.71/12.19/17.67/21.97/26.67/31.72/35.01/38.44/41.8/45/48.52/						
State whether the freeing ports are fitted with shutters, bars, or rails, and give particulars of such :— <u>OPEN.</u>						
Additional area where sheer is less than standard.						

PARTICULARS OF PROTECTION TO OPENINGS, ETC.

HATCHWAYS ON FREEBOARD AND SUPERSTRUCTURE DECKS.											
FREEBOARD DECK						SUPERSTRUCTURE DECK					
Description of Hatchway	Nº1.	Nº2.	Nº3.	Nº4.	Nº5.	Nº6.	Nº1.	Nº2.	Nº3.	Nº4.	Nº5.
Dimensions of Hatchway	8220 x 6000	12520 x 7000	11760 x 7000	9240 x 7000	13440 x 7000	8130 x 7000	8220 x 6000	12520 x 7000	11760 x 7000	8900 x 7000	13440 x 7000
COAMINGS	Height above Deck	230	230	230	230	230	850	850	850	850	850
	Thickness { Sides	12.	14	12	12	14	11	11	11	11	12.
	{ Ends	10	10	10	10	10	11	11	11	11	11
	Stiffeners	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
	Brackets, Stays	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓
HATCH BEAMS	Number	5	8	7	6	9	5	8	7	6	9
	Spacing	1400	1400	1470	1400	1400	1400	1400	1470	1400	1400
	Scantling and Sketch						MACGREGOR PATENT HATCH COVER.	Top & Bottom Plate 260x16. PLATE WEB 500x10	D°	D°	D°
	Bearing Surface	90°	90°				90°	90°			
FORE AND AFTERS	Number										
	Spacing										
	Unsupported Lengths										
	Scantling* and Sketch										
	Bearing Surface										
HATCH COVERS	Material	SINMARU.									
	Thickness	65.									
	How fitted	F&A.	D°	D°	D°	D°		D°	D°	D°	D°
	Bearing Surface	75.									
Spacing of Cleats		610.						610.			
Number of Tarpaulins		1.	D°	D°	D°	D°		2.	D°	D°	D°
<p>*Are wood fore and afters steel shod at all bearing surfaces? <i>yes</i></p> <p>Are battens and wedges efficient and in good condition? <i>yes</i></p> <p>Are tarpaulins in good condition and in accordance with rule requirements? <i>yes</i></p> <p>Are lashings provided in accordance with rule requirements? <i>yes</i></p>											

Particulars of any special features:—

TONNAGE HATCH 1220 x 7000 - 230 x 11. B.P. COAMING. FITTED WITH TEMPORARY CLOSING APPLIANCES. ✓

FORECASTLE DK. 600 x 500. 610 x 11 COAMING. HINGED W/T. STEEL COVER SECURED BY EYEBOLTS & BUTTERFLY NUTS. ✓

(ROPE HATCH.)

FORD. WINCH HOUSE } TRIMMING - 500 x 600 - 230 x 11 F.B. COAMING. WITH 65% WOOD COVER, FITTED WITH CLEATS, BATTENS & ✓
FORD. MAST HOUSE } HATCH. 1. TARPULIN. ✓
AFT WINCH HOUSE

SHELTER DK SURVEY TRUNK HATCH:- 400 x 500 x 230 x 11. COAMING WITH HINGED STEEL C/T. COVER, SECURED BY EYEBOLTS & BUTTERFLY NUTS. ✓

STEERING ENGINE ROOM. SKYLIGHT 1500 x 1200. 610 x 4.5 COAMING. HINGED W/T STEEL COVER. ✓

FREEBOARD DECK. TRIMMING HATCH 500 x 600. 230 x 9 F.B. COAMING. 65% WOOD COVER. FITTED WITH CLEATS. BATTENS & 1. TARPULIN. ✓

Mitsui N°563



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