

STEEL STEAMER or MOTORSHIP.

Received at London 27 JUL 1931

State if Report has been sent on the Freeboard of the Vessel noState if Report is sent on the Machinery of the Vessel yesDate of completion of report 8/7/31Port of KobeNo. 7410Survey held at TamaDate First Survey 31 Oct, 1930Last Survey 30 June

1931

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

Single Screw M.V. "SANSET MARU"

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full ScantlingState Type of Erections Loop, Bridge, Yes.

TONNAGE under Tonnage Deck...

2723.80CLASS +100 A1State if with freeboard as condition of Class ✓Built at Tama

Do. of space or spaces between Tonnage Dk. and Upper Dk.

Total

2723.80

Gross Tonnage

3224.31

Register Tonnage

1820.48

REGISTERED DIMENSIONS. FEET.

Length

336.25

Breadth

48.50

Depth

24.05

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)

335.00

Breadth (greatest moulded)

B 48.50

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)

D 24.05

1st Longitudinal Number (L x D)

= 8057

2nd Numeral L x (B + D)

= 24304

Framing Depth "d," at middle of length. See Sec. 3 (1d)

21.6"

Proportions—Depth to Length—Uppermost continuous deck to top of keel

13.92

Do. Long Bridge to top of keel

10.53

Draught Moulded

A.82Launched 14 May 1931Yard No. 185Builders Nitsui Bussan KaishaOwners Dairen Kisen Kab. KaishaManagers ✓

(Where necessary to be entered in Reg. Book.)

Residence ✓Port of Registry Dairen

If surveyed while building, afloat, or in dry dock

Building

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.		INCHES IN SHIP.	Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships	30		Bracket Floors, Frame	7 165 75 8.5	
" " from $\frac{3}{4}$ length to Collision bulkhead	24		" " Reversed Frame	7 150 75 7.5	
" " in peaks	24		" " Vertical Struts	7 250 90 11	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	38 .48	
Frame Amidships, <u>Angle E</u>	200x90x12 $\frac{1}{2}$ L & and 200x90x10 in $\frac{1}{2}$ in Space		" " top Angles	7 130 130 11	
" " Extends up to <u>Deck</u>			" " bottom Angles	7 150 150 14-13	
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	1 35 107 76	
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	29 .45	
Depth of Framing Girder	✓		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	130 130 11	
Frames in Uppermost Continuous 'tween Decks, Angle <u>E</u>	180x90x8.5		" " Vertical Angle to Tank side Bracket forward $\frac{1}{4}$ len. from stem	130 130 11	
" " Second 'tween Decks, Angle, <u>E</u> or <u>F</u>	✓		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	150 150 12	
" " Third " " "	✓		" " Gussets, spacing and scantling forward $\frac{1}{4}$ len. from stem	37x30x27 6 every 3rd ft. in way of Tank. 2nd DH. " WING Tank.	
Framing in Peaks, Angle or <u>E</u>	180x75x8.5		Tank Side Brackets, height above base line at toe of Frame and thickness	55 .40x41	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{7}{8}$ 5 $\frac{3}{4}$		INNER BOTTOM PLATING.		
State if Frame Joggled	Joggled		Breadth and thickness of Middle Line Strake	47x43-37 50 in M. Room.	
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	Deep frame system 3 struts, angle 136x75x10 with plate .38 60 apart frame 320x100x14 Bottom pl. .54 2 add. side girders keel ang. 11 Solid floor even ft. 96 side flg. ft. 150x150x12		Thickness of remainder in Holds	40-37	
STRENGTHENING OF BOTTOM FORWARD. State Particulars			Are Rule requirements complied with regarding increases of scantlings in way of double bottom in E. & B. space and framing in Bunkers and Boiler Room?	yes.	
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships in Wells, Angle <u>E</u>	180 90 8.5	
Height of Brackets at side above base line at toe of frame	✓		" " in way of Bridge, Angle <u>E</u>	180 75 8	
Middle Line Keelson, on Floors, Angles, <u>E</u> or <u>F</u>	✓		Spacing	30	
" " Through Plate or Intercoastal Plate	✓		Second Deck, amidships, Angle, <u>E</u> or <u>F</u>	180 75 8	
" " Foundation Plate on Floors	✓		Spacing	30	
" " Flat Plate Keel Angles	✓		Third Deck, amidships, Angle, <u>E</u> or <u>F</u>	✓	
Side Keelsons, No. each side	✓		Spacing	✓	
" thickness of Intercoastal Plate	✓		Fourth Deck, amidships, Angle, <u>E</u> or <u>F</u>	✓	
" Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			35x3 $\frac{1}{2}$ 8 stiff every 3rd ft.		
Solid Floors, thickness and spacing	✓		Are Frame and Reversed Frame joggled?	✓	
" " Are Frame and Reversed Frame joggled?	✓		Bracket Floors, breadth and thickness at middle line	28 .37	
Bracket Floors, breadth and thickness at middle line	28 .37		" " breadth and thickness at margin plate	" "	

PILLARS AND DECKS.

	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows.....	<i>One Row</i>					
<i>W. S. Gilder. 3 Rows</i>						
in 'tween Decks, Size and Spacing.....	200	85 10	IC	83	34	
" " " " " " " " " " " "	200	85 10	II	30		
" " " " " " " " " " " "	200	85 10	II	30		
in Holds " " " " " " " " " " " "	17.2	20 x 90 x 11	9 x 7/16	30		
" " " " " " " " " " " "	29	" " " "	7 x 7/16			
" " " " " " " " " " " "	40	10 x 4 x 475	9 x 7/16			
" " " " " " " " " " " "	52	" " " "	11 x 42			
" " " " " " " " " " " "	86	11 x 3 1/2 x 50	12 x 60			
" " " " " " " " " " " "	98	10 x 4 x 475	11 x 50			
" " " " " " " " " " " "	123	10 x 4 x 475	10 x 7/16			
Centre Line Bulkhead.						
Stiffeners and Spacing.....						
Plating, thickness of						
STRINGERS AND DECKS.						
Uppermost Continuous Deck.						
Stringer Plate, breadth and thickness in Wells	51	80				
" " " " " " " " " " " "	51	36				
" " " " " " " " " " " "	160	160	22			
Angle in Wells						
Thickness of Plating abreast Deck openings	66					
in way of Wells						
Thickness of Plating abreast Deck openings	32					
in way of Bridge						
Thickness of Plating within line of openings...	38					
If Sheathed, material and thickness						
Second Deck.						
Stringer Plate, breadth and thickness in Wells...	83	34				
Stringer Plate, breadth and thickness in way of Bridge						
Thickness of Plating abreast Deck openings						
in way of Wells						
Thickness of Plating abreast Deck openings						
in way of Bridge						
Thickness of Plating within line of openings...						
If Sheathed, material and thickness						
Third Deck.						
Stringer Plate, breadth and thickness.....						
If Plated, state thickness.....						
Fourth Deck.						
Stringer Plate, breadth and thickness.....						
If Plated, state thickness						
Poop Deck.						
Stringer Plate, breadth and thickness	32	32				
Plating, Sheathing, material and thickness	32					
Bridge Deck.						
Stringer Plate, breadth and thickness.....	60	40				
Plating, Sheathing, material and thickness	5 x 2 1/2	O.P.				
Forecastle Deck.						
Stringer Plate, breadth and thickness.....	32	32				
Plating, Sheathing, material and thickness	32					

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES. State if joggled?		BUTTS.				
	AMIDSHIPS.		FORWARD.	AFT.		SINGLE OR DOUBLE.	RIVETS.		No. OF ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth. Inches.	Thickness. Inches.	Thickness. Inches.	Thickness. Inches.			Diam. Inches.	Spacing or to cr. Inches.		Diam. Inches.	Spacing or to cr. Inches.	
FLAT PLATE KEEL.....	47	66	60	60		Double	7/8 3 1/2	Three	7/8 3 1/8	Lapped		
„ DBLG. if any.....												
BOTTOM PLATING, No. of Strakes.....	84	57	47	47		"	" "	"	" "	"		
BILGE PLATING, No. of Strakes.....	58	"	"	"		"	" "	"	" "	"		
SIDE PLATING, No. of Strakes.....	82 3/4	"	"	"		"	" "	"	" "	"		
UPPER DECK, Sheer-strake in Wells.....	49	84	-	-		"	1 4	Four	1 4	"		
UPPER DECK, Sheer-strake in Bridge ...		57	-	-		"	7/8 3 1/2	Three	7/8 3 1/8	"		
STRAKE BELOW Sheer-strake in Wells.....	71 3/4	68	-	-		"	" "	Four	" "	"		
STRAKE BELOW Sheer-strake in Bridge ...	"	57	-	-		"	" "	Three	" "	"		
POOP SIDE PLATING.....		-	-	36		Single	3/4 3	Two	3/4 2 5/8	"		
BRIDGE SIDE PLATING.....		50	-	-		"	7/8 3 1/2	Three	7/8 3 1/8	"		
FOREC'TLE SIDE PLATING.....		-	38	-		"	3/4 3	Two	3/4 2 5/8	"		

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—					
Extending to Upper Deck (Sec. 3 c).....		5			
Deck next below.....		✓			
As per Rule.....		Yes.			
	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
7r. to 76.					
MIDSHIP BULKH'D, Upper tween decks	28	130 x 75 x 8	✓	✓	
" " Second " "		33	✓	✓	
" " Third " "			✓	✓	
" Holds	30-38	200 x 75 x 11	✓	✓	
		33"			
COLLISION (in Hold)	30-46	10 x 3 1/2 x 52	7 x 24	Spacing	
AFTER PEAK	30-46	250 x 90 x 13	57		
		29"			

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar.....	Forging	12 x 2 1/4	Vereinigte Stahlwerke A.G.	
STEM.....	Cast Steel	14 x 1 1/2	hippon Seifert	
STERN FRAME { Propeller Post	Cast Steel	15 1/2	hippon Seifert	
{ Rudder	Steel pl. .60	1 1/4		
RUDDER—A x D.....	231.04			
Speed of Vessel.....	Under 12 Kt.			
RUDDER mainpiece at head	Steel	1 1/4	hippon Seifert	
" " " " " " " " " " " "	Castings			
" " " " " " " " " " " "	Berty Rudder			
" " " " " " " " " " " "	38			
" " " " " " " " " " " "	Vertical	23 x 26 1/2		

STEEL.	Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)	O.H.
	Gilberti, Kawasaki, Asano Seiko, Vereinigte Stahlwerke A.G., hippon Seifert, Kab. Kaisha	
	Has the Steel been tested as required by the Rules?	Yes.

GENERAL REMARKS—(The Surveyor should state the Number of Report and Name of any Sister Vessel. Plans showing Vessel as built should be forwarded and a List of the Plans should be embodied.)

Sister Vessel "Santo hall" Hole Rpt. 10. 7387. 1 1 52

Plans enclosed: *Ship's Section*
Profile, Deck, Inner Bottom

Copies of Taping & Gauging reports & surveys enclosed.

Particulars of Drop Test of Cast Steel Anchors, viz.:—
Weight, Surveyor's Initials, Number of Certificate, Date of Test.

1st Bower	34-0-6	M.K.	726	17-2-31
2nd "	34-0-10	M.K.	728	17-2-31
3rd "	28-3-22	M.K.	730	17-2-31
Stream	12-1-20	M.K.	731	18-2-31.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 32.50 ft., R.Q.D. 10 ft., Bridge 80.00 ft., Forecastle 30.50 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*

No. and Material of Decks (this information is to be given as it should appear in the Register Book) *One deck, Steel, (2nd Deck in way of 40's 293 L.R.D. & E. Room).*

Official No. : Signal Letters

particulars of composition

Is bottom of Vessel coated with cement *O. Tank, ho* *Ballast "yes" if not give*

PARTICULARS OF WATER BALLAST.—

Where Fitted.	Length. Feet.	Water Capacity. Tons.	Where Fitted.	Length. Feet.	Water Capacity. Tons.
Double bottom, aft, <i>(incl. wing tank)</i>	120.00	444.55	Fore peak tank,	20	63.40
Double bottom, under Engines and Boilers,	32.50	131.34	After peak tank,	20	101.58
Double bottom, if under Engines only,	129.75	341.03	Deep tank, aft,	—	—
Double bottom, if under Boilers only,	—	—	Deep tank, forward,	—	—
Double bottom, forward,	—	—	Other tanks, if fitted, <i>(wing tank)</i>	55.00	207.12
Total capacity of double bottom		886.92	(If necessary, furnish further information by sketch.)		

* The wells are not to be included in the lengths of the tanks.

Order for Special Survey No.

Date

Dates of Surveys held while building

1930. Oct. 31, Nov. 5. Dec. 6, 10, 22. 1931. Jan. 9, 14, 21, Feb. 6, 16, 19, 26. *March 2, 7. April 6, 10, 14. May 7, 14, 26, June 3, 22, 24, 29, 30.*

Lloyd's Register Foundation
Total No. of Visits 25.