

3/11720-96710-52710

PILLARS AND DECKS.

	AS IN SHIP. m/m	Any Departure from Approved Plans to be Noted.		AS IN SHIP. m/m	Any Departure from Approved Plans to be Noted.
PILLARS, No. of Rows	-		Stringer Plate, breadth and thickness in way of Bridge	-	
" in 'tween Decks, Size and Spacing	-		Thickness of Plating abreast Deck open- ings in way of Wells	-	
" " " " "	-		Thickness of Plating abreast Deck open- ings in way of Bridge	-	
" in Holds " " "	-		Thickness of Plating within line of openings	-	
2 Longitudinal " " "	-		If Sheathed, material and thickness	-	
Corrugated Bulkhead.	-		Third Deck.	-	
Stiffeners and Spacing	-		Stringer Plate, breadth and thickness	-	
Plating, thickness of	-		If Plated, state thickness	-	
STRINGERS AND DECKS.	-		Fourth Deck.	-	
Uppermost Continuous Deck.	-		Stringer Plate, breadth and thickness	-	
Stringer Plate, breadth and thickness in Wells	1800 x 25		If Plated, state thickness	-	
" " " " in way of Bridge	-		Poop Deck.	-	
" Angle in Wells	200x200x25		Stringer Plate, breadth and thickness	1800 8.5	
Thickness of Plating abreast Deck openings in way of Wells	3 strakes 25		Plating, Sheathing, material and thickness	8 0.P. 125 x	
Thickness of Plating abreast Deck openings in way of Bridge	2 strakes 16		Bridge Deck.	-	
Thickness of Plating within line of openings	-		Stringer Plate, breadth and thickness	1800 8	
If Sheathed, material and thickness	-		Plating, Sheathing, material and thickness	8	
Second Deck.	-		Forecastle Deck.	-	
Stringer Plate, breadth and thickness in Wells	-		Stringer Plate, breadth and thickness	1800 8.5	
			Plating, Sheathing, material and thickness	8.5	

SHELL PLATING.

SCANTLINGS.				RIVETING.			
STRAKES.	AS IN VESSEL.			EDGES.		BUTTS.	
	AMIDSHIPS.		ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	State if jogged?	RIVETS.	No. OF Rows OF RIVETS.	RIVETS.
	Breadth.	Thickness.					
Flat Plate Keel	1500	28.5	28.5 28.5	Welded	-	Welded	-
" Dblg. (if any)	-	-	-	-	-	-	-
Bottom Plating, No. of Strakes	22	A) 21	A) 18	Welded & B. to C. seam	25 100	"	-
Bilge Plating, No. of Strakes	23	15	21	Upper seam	22 85	"	-
Side Plating, No. of Strakes	18	G) 15	13.5	Welded	-	"	-
Upper Deck, Sheer- strake in Wells	1700x26.5	K.L. 13.5	13.5 13.5	D.R. to side pltg.	22 82	"	-
Upper Deck, Sheer- strake in Bridge	-	-	-	-	-	-	-
Strake below Sheer- strake in Wells	-	-	-	-	-	-	-
Strake below Sheer- strake in Bridge	-	-	-	-	-	-	-
Poop side Plating	-	-	12	S.R. to sheer	-	-	-
Bridge Side Plating	12	-	-	Welded	19 85	"	-
Forecastle Side Plating	-	-	12	Welded	-	"	-
				S.R. to sheer	19 85	"	-

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3c)

13

Deck next below

As per Rule

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHD, Upper 'tween decks	-	-	-	-	-
" " Second "	-	-	-	-	-
" " Third "	-	-	-	-	-
" " Holds	-	-	-	-	-
COLLISION " (in Hold)	-	-	-	-	-
AFTER PEAK "	-	-	-	-	-

KEEL, Bar

STEM

STERN

FRAME

Speed of Vessel

RUDDER—Type

" A x D

" Diam. of head

" Mainpiece at top pintle

" " heel

" how constructed

" double or single plate

" coupling, vertical or

" horizontal

Casting or
Forging.

Scantlings.

Maker's
Name.Any Departure
from Approved
Plans to be Noted.

Plate 28.5 - 13.5

Cast Steel as appr'd.

Sumitomo Metal Ind. Ltd.

14.2 knots.

Simplex.

340 m/m

Plate & Diaphragms.

Double

Horizontal

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)

Japan Steel Works - Muroran Works - Fuji Iron & Steel Works - Hirohata - Japan Iron & Steel Works - Yawata. Nippon Steel Tube Co., Ltd., - Kawasaki Iron & Steel Works.

Has the Steel been tested as required by the Rules?

Yes.

111 MAR 195

ED. O
ED.

Depart
A pro
the N

Wing Tank
860 x 11 - 300 x 11 F.B.

angle attachments, &c., to be entered in their

der framing, &c., on the first page.

Lloyd's Register
Foundation

Lunch A + CP + LMC 11:53 Tail Eng

11 MAR 1954

EQUIPMENT No. 62107

LETTER 14 2 1/2

ANCHORS.

Number of Certificate	Anchors.	Weight. Ex. Stock.			Weight of Stock.			Test, per Certificate.				WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.				
4755	1st Bower	102	1	9				68	19	0	0		Latest Improved Halls type	Tokyo Steel Casting Co. Ltd.	Tokyo 9.9.53 KN
4756	2nd "	102	1	9				68	19	0	0		"	"	"
4757	3rd "	100	3	0				67	16	0	0		"	"	"
	Collective weight	305	1	18				298			Tokyo 13.7.53 T.N.
4758	Stream	31	2	20	8	0	8	30	2	0	0	31	Admy. Pattern C.S. Stock	"	Tokyo 9.7.53 K.N.

CHAIN CABLES.

HAWSERS AND WARPS.

Number of Certificate	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE			Length and Size per Table 53.		Description.	Make s of Cable.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire	Length and Size per Table 53.	
	Length. Fathoms	Diam. Ins.	Statu-tory. Tons.	Break-ing. Tons.	Supplied. Cwts.	qrs.	lbs.	Per Rule. Cwts.	Length. Fathoms					Length. Cir.	Cr.		Length. Cir.	Cr.
369	334.48	2 1/2	157.5	220.5	1147.2	0		979	330	2 1/2	C.S. Komatsu Mfg. Co., Ltd.	22-7-53 H. Ikeda	LOWLINE	240	165	1320	240	165
													Hawsers & Warps	220	70	17.2	220	70
														220	80	37.7	220	70
Iron Stream Chain or Steel Wire	120	1 1/2		100.4					120	1 1/2								

Steering Gear, Type (Power or hand) Steam Steering Gear

Alternative Means of Steering Hand

Steering Chains (Size and Test)

None

Windlass

Steam

4 Steel Beats (Including 1 Motok)

in Holds, thickness and material 65 S.W. on 38 Sleepers (under Hatchway only)

Battens, thickness, material and spacing None

Forecastle

10m/m Plate

Hatchways. - (Under Deck) Steel Plates & Angles

Thickness of Hatches Suitably stiffened.

Forecastle Deck

Hatchways No. 1 (Fwd) 3425 x 4100

No. 3

No. 4

No. 5

No. 6

MITSUBI SHIPBUILDING & ENGINEERING CO. LTD., TAMANO WORKS.

r of Shifting Beams for Fore and Afters

Builder's Signature

Senior Managing Director.

DECLARATION. It should be stated (a) whether the vessel (if not a motorship) is fitted for the carriage and burning of oil used as fuel Motor Ship

(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Oil Tanker. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point (where required to be inserted in the Notation).

This ship has been built under Special Survey in conformity with the Society's Rules and Regulations and the Secretary's letters. The scantlings and arrangements of the ship as built are given in the Report and as shown and amended on the "Approved" and "As built" plans now on file. All modifications or additions to the original approved arrangements made during construction have been indicated on the plans and have been approved as being in accordance with standards equivalent to Rule requirements. The plans of Midship Section and Profile & showing the ship as built have been checked with the approved arrangements and found in accordance. The watertight bulkheads and weather decks clear of oil tanks have been tested and all tanks, peak and double bottom and deep tanks pressure tested as required by the Rules and found tight. The requirements of the Rules Section 20 for carrying oil fuel, flash point 150°F have been complied with where applicable. The windlass and main and auxiliary steering gear have been tried under working conditions and found satisfactory. Oil fuel is carried in the Wing Tanks at forward end of engine room and in forward deep tanks. The materials and quality of workmanship are good. The freeboards assigned by the Japanese Government have been cut in and painted on the ship's sides.

The amount of Entry Fee

¥3708.000

Fees applied for,

Cargo Receipt 15.000

FEB 25, 1954

Special Survey Fee

£ : :

Received by me,

Travelling Expenses, if any

£ 64.500

19

(Special notations, where part of class, to be stated.)

I am of opinion the Vessel should be Classed +100A1

"Carrying Petroleum in Bulk."

State whether the Vessel has been built under Special Survey

Yes

Certificate sent to

Kobe

Date of issue

28/4/54

Signature

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRIDAY 2 APR 1954

Character assigned

+100A1

Carrying Petroleum in Bulk.

11.53 Kobe.

Lloyds A & CP.

+LMC 11.53 Oil Eng.

1 DB (Exhaust Gas) 178 lb.

1 DB (WT) Primary 711 lb. Secondary 178 lb.

CL.

SRL.

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Lloyd's Register Foundation

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).

The following Plans are enclosed:

As Built

Midship Section
Construction Profile & Decks.
Rudder.
Stern frame.
Bow construction.
Stern Construction.
Shell expansion.
Longitudinal Bulkhead.
Transverse O.T. Bhd.
Double bottom engine room - (2 sheets)
Bulkheads at Forw'd & Aft end of Superstructures.
P.403 Particulars

As approved

Midship Section.
Construction Profile & Decks.

Forging & Casting Certificates:-

Rudder Stock.
Stern Frame.
Tiller.

PARTICULARS OF ELECTRIC WELDING (if employed) All Electric welded with the exception of the following riveted parts. 1. Bottom shell seam P. & S. upper bilge & lower sheerstrake seam. Upper deck stringer and - Engine room tank top margin angle to shell -

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book

Cruiser Stern - Lloyds A & CP.- E.S.D. D.F. - Radar - GYC -
Partly welded - Machinery aft - Longitudinal framing bottom
& decks.

RADAR Equipment (State if fitted Yes

State Type or Pattern No. Mark II Model II
State } Maker Sperry.
Name } and/or
of } Supplier

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

1st Bower	64. 3. 21	Cert. No. Y4751	2.7.53	T.N.
2nd "	64. 3. 21	Y4752	"	"
3rd "	63. 3. 1	Y4753	9.7.53	K.N.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 116.3 ft., R.Q.D. ft., Bridge - ft., Forecastle 73.83 ft.
(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 70951 Signal Letters J.D.A.V. Extreme Breadth over Belting Over all Length 584.13
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 Deck - Steel - 2nd Deck aft. ✓

Parts of Bottom of Vessel coated with cement or approved composition Cement Wash in F. & A. Peak Tanks. Feed Water Tank
and Tween Deck Fresh Water Tank

Particulars of composition (if fitted) and of approval

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
Double bottom, aft, F.W. only	36.4	112.6	Fore peak tank,	32.44	261.5
Double bottom, under Engines and Boilers, oil	56.6	281.8	After peak tank,	22.01	72.7
Double bottom, if under Engines only, fuel	2.5	-	Deep tank, aft,		
Double bottom, if under Boilers only,	-	-	Deep tank, forward,	42.11	931.4
Double bottom, forward,	-	-	Other tanks, if fitted,		
Total length (if continuous) and Capacity	95.5	475.4	(If necessary furnish further information by sketch)		

Order for Special Survey No.

Date

Dates of Surveys
held while building

GGY:Sept.15
TFN:March 24, April 17 May 30 June 8,22 July 3 Aug. 21
MH: June 13,17,19,20,23,25,27 July 1,4,8,9,11,14,15,16,18,21,22,23,24,
25,28,29,30,31 Aug. 1,5,6,8,11 Sept. 26 Oct. 2,3,9,14,16 Nov. 7,13

Total No. of Visits