Rpt. 1

STEEL STEAMER OR MOTORSHIP.

28 JUN 1952

Received at London office

State if Report has been sent on the Freeboard of the Vessel

State if Report is sent on the Machinery of the Vessel

Date of completion of report 2, June 1952 Port of KOBE No. 743

Survey held at KOBE Date First Survey 17/3/51. 19

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) SINGLE SCREW MOTOR TANKER "SEIHO MARU" (MACHINERY AFT)

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) PETROLEUM TANKER State Type of Erections LONG.P. & F'CLE

TONNAGE under Tonnage Deck ... 11,945.04

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

Total /

Tonnage 13,064.82

Tonnage 9,368.29

REGISTERED DIMENSIONS.

	FEET
	555.676
	72.178
	40.092

CLASS ✠ 100 A1 CARRYING PETROLEUM IN BULK

State if with freeboard as condition of Class NO.

		FEET
Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a)	L	549.14
Breadth (greatest moulded)	B	72.18
Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c)	D	40.10
1st Longitudinal Number (L × D)	=	
2nd Numeral L × (B + D)	=	
Framing Depth "d," at middle of length. See Sec. 3 (1d)		40.10
Proportions — Depth to Length — Uppermost continuous deck to top of keel		13.69
Do. Long Bridge to top of keel		
Draught Moulded IG ASSIGNED		9.M033

Built at KOBE, JAPAN

Launched 16th OCT. 1951 Yard No. 912

Builders KAWASAKI DOCKYARD

Owners 1 I NO KAIUN K.K.

Managers 3-CHOME, MARUNOUCHI, CHIYODA-KU (Where necessarry to be entered in Reg. Book) TOKYO, JAPAN

Residence

Port of Registry TOKYO

If surveyed while building, afloat, or in dry dock WHILST BUILDING UNDOCKED Y/52

FRAMES, DOUBLE BOTTOM AND BEAMS.

	INCHES IN SHIP. M/M.			Any Departure from Approved Plans to be Noted.
FRAMES, Spacing amidships		750		✓
,, ,, from ⅗ length amidships (FORE COFF. BHD) to Collision bulkhead		685		✓
,, ,, in peaks		610		✓
SIDE FRAMING.				
Frame Amidships, Angle, ~~L~~ or [	250	90	12	✓
,, ,, Extends up to	UPPER DK.			✓
Reversed Frame Amidships, Angle		/		
,, ,, Extends up to		/		
Depth of Framing Girder		250		✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or [		/		
,, ,, **Second 'tween Decks,** Angle, [or [		/		
,, ,, **Third** ,, ,, ,, ,,		/		
,, **from ½ len. for'd. to 15% len. from Stem** (IN WAY OF FORE HOLD)	250	90	12.5 / 12.7	See ✓
,, **in peaks,** Angle or [	250	90	12.7	✓ See plans
Diameter and Spacing of Rivets through Frame and Shell Plating amidships		19 Φ – 6D		✓
State if Frame Joggled		YES		✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?		YES		✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?		YES		✓
SINGLE BOTTOM.				
Floors, Depth and thickness at mid-line in Holds				
Height of Brackets at side above base line at toe of frame				
Middle Line Keelson, on Floors, Angles, [or [				
,, ,, ,, Through Plate or Intercostal Plate				
,, ,, ,, Foundation Plate on Floors				
,, ,, ,, Flat Plate Keel Angles				
Side Keelsons, No. each side				
,, ,, thickness of Intercostal Plate				
,, ,, Angles				
DOUBLE BOTTOM. (ENGINE ROOM ONLY)				
Solid Floors, thickness and spacing	12	16	800	✓
,, ,, Are Frame and Reversed Frame joggled?	ALL E.W.			✓
Bracket Floors, breadth and thickness at middle line		/		
,, ,, breadth and thickness at margin plate		/		

	INCHES IN SHIP. M/M			Any Departure from Approved Plans to be Noted.
Bracket Floors, Frame		/		
,, ,, Reversed Frame		/		
,, ,, Vertical Struts		/		
Centre Girder, depth and thickness amidships	1450	× 15		✓
,, ,, top Angles	ALL E. WELDED			✓
,, ,, bottom Angles				✓
Side Girders, No. each side and thickness	(A) GR 23 (B) GR 18 3 (C) GR 12			✓
Margin Plate depth (excl. of flange) and thickness				
,, ,, Vertical Angle to Tank side Bracket abaft ¼ len. from stem				
,, ,, Vertical Angle to Tank side Bracket from forward ¼ len. from stem to Panting Area				
,, ,, Gussets, spacing and scantling abaft ¼ len. from stem	No. BILGE			✓
,, ,, Gussets, spacing and scantling from forward ¼ len. from stem to Panting Area				
Tank Side Brackets, height above base line at toe of Frame and thickness				
INNER BOTTOM PLATING.				
Breadth and thickness of ~~Middle Line Strake~~ ENG. ROOM ONLY	BREADTH AS APPROVED 15 + 32			✓
Thickness of remainder in Holds		/		
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?		/		
BEAMS.				
Uppermost Continuous Deck, amidships in Wells, Angle, [or [	230 150	90 90	11 [12 [	✓
,, ,, in way of Bridge, Angle, [or [				
Spacing		800		✓
Second Deck, amidships, Angle, [or [		/		
Spacing		/		
Third Deck, amidships, Angle, [or [		/		
Spacing		/		
Fourth Deck, amidships, Angle, [or [		/		
Spacing		/		
Poop Deck, Angle, ~~L~~ or [	230	90	11	✓
Spacing		800		✓
Bridge Deck, Angle, [or [	150	90	12	✓
Spacing		750		✓
Forecastle Deck, Angle, [or [	150	90	12	✓
Spacing	685 & 610			✓

C-L. 51 KOBE

010580-010589-0125 1/3

PILLARS AND DECKS.

	~~INCHES IN~~ MM SHIP.	Any Departure from Approved Plans to be Noted.		~~INCHES~~ MM IN SHIP.	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 openings in way of Wells		
,, ,, ,, ,, ,,			Thickness of Plating abreast Deck openings in way of Bridge		
,, in Holds ,, ,, ,,			Thickness of Plating within line of openings		
,, ,, ,, ,, ,,			If Sheathed, material and thickness		
2 LONGITUDWAL ~~Centre Line~~ **Bulkhead.**			**Third Deck.**		
Stiffeners and Spacing	200 100 11 F.PL. SPACED 750		Stringer Plate, breadth and thickness		
Plating, thickness of	145 ~11		If Plated, state thickness		
STRINGERS AND DECKS.			**Fourth Deck.**		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness		
Stringer Plate, breadth and thickness ~~in Wells~~	1810 X 15	25 mm See Keller dated 31/7/52	If Plated, state thickness		
,, ,, ,, ,, in way of Bridge			**Poop Deck.**		
,, Angle in ~~Wells~~	200 200 25 L		Stringer Plate, breadth and thickness	9	
Thickness of Plating abreast Deck openings in way of ~~Wells~~	22		Plating, Sheathing, material and thickness	8	No.
Thickness of Plating abreast Deck openings in way of Bridge			**Bridge Deck.**		
Thickness of Plating within line of openings			Stringer Plate, breadth and thickness	(8)	/ 8½ after
If Sheathed, material and thickness			See Keller dated 31/7/52		
Second Deck.			Plating, Sheathing, material and thickness	(7½)	/
Stringer Plate, breadth and thickness in Wells			**Forecastle Deck.**		
			Stringer Plate, breadth and thickness	9	
			Plating, Sheathing, material and thickness	9	No.

SHELL PLATING.

SCANTLINGS.

STRAKES.	AS IN VESSEL. AMIDSHIPS. Breadth. ~~Inches~~ MM	AMIDSHIPS. Thickness. ~~Inches~~ MM	FORWARD Thickness. ~~Inches~~ MM	AFT. Thickness. ~~Inches~~ MM	ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.
Flat Plate Keel	1600	29	29	29	
,, **Dblg.** (if any)	/	/	/	/	
Bottom Plating, No. of Strakes 5	ABOVE	22/21	20	14	
Bilge Plating, No. of Strakes 1		22	13.5	14	
Side Plating, No. of Strakes 4	6 MSL	18 19	13.5	13.5	
Upper Deck, Sheerstrake in ~~Wells~~	M 1700	27	13.5	13.5	
Upper Deck, Sheerstrake in ~~Bridge~~ Poop	1700	27	/	13.5	
Strake below Sheerstrake in Wells		19	13.5	13.5	
Strake below Sheerstrake in ~~Bridge~~ Poop		18	/	13.5	
Poop side Plating		12	/	12	
Bridge Side Plating		/	/	/	
Forecastle Side Plating		12	12	/	

RIVETING.

EDGES. State if joggled? NO. SINGLE OR DOUBLE.	RIVETS. Diam. ~~Inches~~ MM	RIVETS. Spacing cr. to cr. Inches MM	BUTTS. No. OF Rows OF RIVETS.	RIVETS. Diam. Inches.	RIVETS. Spacing cr. to cr. Inches.	STRAPPED LAPPED
DOUBLE	25	13.5	WELDED			
WELDED OR DOUBLE	25/22	13.5/105				
DOUBLE	25/22	"				
WELDED OR DOUBLE	25/22	"				
DOUBLE OR TRIPPLE	25/22	"				
"	25/22	"				
WELDED OR DOUBLE	25/22	"				
WELDED OR DOUBLE	25/22	"				
"	22	105				
/						
SINGLE	19	87				

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3c) 16 15

Deck next below /

As per Rule /

	Plating Thickness.	STIFFENERS. VERTICAL. Scantlings.	VERTICAL. Spacing. MM	HORIZONTAL. Scantlings.	HORIZONTAL. Spacing.
MIDSHIP BULKH'D, ~~Upper 'tween decks~~		CR.L. WEB 1500X12 270X22 FACE PL. 150X90X12 INV. ANG. 900 APART			
,, ,, ~~Second~~ ,,		CORRUGATED AS APPROVED			
,, ,, ~~Third~~ ,,		~~SIDE~~			
,, ,, Holds		13.5/11.5/11	200X100X11 FL.PL.	600-690	
		13.5/12/11			
COLLISION ,, (in Hold)		16/13~7.5	200X100X11 FL.PL. 250X100X12 FL.PL.	760	
AFTER PEAK ,, ,,		13/8.5/8	250X90X9/8 T	640X9 ABOUT	
		10/8/7.5	200X90X8/13.5 T	650	200X13 F.B. 3440

FORGINGS AND CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar		PLATE		
STEM		PLATE	BUILDER	
STERN FRAME ~~X~~ Propeller Post	C.S.	AS APPROVED	AMAGASAKI STEEL KURE WORKS	
STERN FRAME Rudder ,,				
Speed of Vessel		14.5 KTS.		
RUDDER—Type ~~X~~		STREAM LINED REACTION (BALANCED)		
,, A x D		560 FT³		
,, Diam. of head ~~X~~	F.S.	360 MM D	SHIN-FUSO M. STEEL WORKS	
,, Mainpiece at top pintle		AS PLAN	,,	
,, ,, heel		,,	,,	
,, how constructed		ALL WELDED		
,, double or single plate		DOUBLE		
,, coupling, vertical or horizontal		HORIZONTAL		

STEEL.

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

YAWATA STEEL Co. FUJI STEEL Co. (HIRO HATA)

KAWASAKI STEEL CORPORATION

Has the Steel been tested as required by the Rules? YES

Collective weight 308 2 12 / 298 /

1*.

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	Amidships. In Ship. Ins.	Ins.	Ins.	Ends. In Ship. Ins.	Ins.	Ins.	Any Departure from Approved Plans to be Noted.	Riveting. Rivets in Longitudinal Frames. Diam. Ins.	Spcng. Ins.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads. Number.	Diameter. Inches.
of L, L or C												
n Bridge 'tween Decks ...												
rom Uppermost Continuous												
No. 1	TOP STRINGER TO SHELL			IN WING TANKS			TOP STRINGER TO TRANS. BHD IN WING TANK					
„ 2	WEB 700x11			150 FLG.			WEB 850x11 215x16 FACE BAR					
„ 3	MIDDLE STRINGER			DO.			MIDDLE STRINGER DO.					
„ 4	WEB 700x11			150 FLG.			WEB 850x11 215x16 FACE BAR					
„ 5	LOWER STRINGER			DO.			LOWER STRINGER DO.					
„ 6	WEB 760x12			150 FLG.			WEB 950x11 240x16 FACE BAR					
„ 7				NO Sections								
„ 8	BOTTOM LONGL. FRS.						TOP STRINGER TO TRANS. BHD IN CENTRE TANK					
„ 9	450x125x12			760 APART			WEB 850x11 180x16 FACE BAR					
„ 10							MIDDLE STRINGER DO.					
„ 11	CENTRE LINE LONGIL			GR. TO SHELL			WEB 850x11 180x16 FACE BAR					
„ 12	WEB 1100x13.5			540x22 FACE BAR			LOWER STRINGER DO.					
„ 13	STIFF. 180x75x12			FL.PL. 750 APART			WEB 950x11 200x16 FACE BAR					
„ 14	CENTRE LINE LONGIL			GR. TO UPP. DECK								
„ 15	WEB 1750x11			230x16 FACE BAR			TOP & MIDDLE STRINGER TO LONGL. BHD.					
„ 16	STIFF. 150x90x12			INV. ANG. 750 APART.			WEB 700x11 150 FLG.					
cing of Amidships							LOWER STRINGER DO.					
itudinal At Ends							WEB 760x12 170 FLG.					

Tank Top Longitudinals												
Bottom „												
Longitudinals Amidships												
Longitudinals At ends...												

Transverses.					Rivets in Lugs to Shell. Diam.	Spcng.
Decks) Depth and Thickness						
Face Angles						
Lugs to Shell*.....	CENTRE TANKS		WING TANKS			
Depth and Thickness			910 x 12			
ld) Face Angles			160 x 12 F.B.			
Lugs to Shell*.....			WELDED			
Depth and Thickness	1,200 x 12		1,200 x 12			
Face Angles	150 x 12 F.B.		160 x 12 F.B.			
m Lugs to Shell*.....	WELDED		WELDED			
„ „ Back Bars						
Brackets	12		12			
ing of Transverse Frames...	3,000		3,000			

* State if joggled or liners.

					Spacing.
linal Bridge Deck ...					
of Upper „ ...	220 x 100 x 11 FL.PL				760 M/M
r C Second „ ...					
Third „ ...					

Transverse Beams.

Plate.	Face Angles.	Any departure from Approved Plans to be Noted.
CENTRE TANKS		
WEB 875x11		160x16 FACE BAR
WING TANKS		
WEB 875x11		140x16 FACE BAR
3000 APART.		

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, &c., to be entered in their respective places provided for on the Report Forms.

NOTE.—*This slip to be pasted on the fourth page of the Report, and reference to same to be made under framing, &c., on the first page.*

0125 1/3

ZDB 17810.

EQUIPMENT No. 63468 LETTER i+ ANCHORS.

[No.] of Certificate	Anchors.	Weight. Ex. Stock. Cwts.	qrs.	lbs.	Weight of Stock. Cwts.	qrs.	lbs.	Test, per Certificate. Tons.	cwts.	qrs.	lbs.	Weight required by Table 53. Cwts.	Description of Anchor.	Makers.	Where and when tested, and Superintendent.
..00	1st Bower	100	3	22	/			67	16	0	0	104 1/2	LATEST IMPROVED HALL'S TYPE	TOKYO STEEL CAST^G Co. LTD.	AT MAKER'S 15-8-51 K.N.
..01	2nd "	101	3	20	/			68	19	0	0	104 1/2	"	"	"
..02	3rd "	101	2	26	/			68	19	0	0	104 1/2	"	"	"
	Collective weight	303	7	12	/							298			
..03	Stream	32	1	24	8	1	24	30	10	0	0	31.0	ADMIRALTY TYPE	"	"

CHAIN CABLES.

[No.] of Certificate	Length and size supplied. Length. Fathoms	Diam. Ins.	Test per Certificate. Statutory. Tons.	Breaking. Tons.	Weight of Chain Cable Supplied. Cwts. qrs. lbs.	Per Rule. Cwts.	Length and Size per Table 53. Length. Fathoms	Diam. Ins.	Description.	Makers of Cables.	Where and when tested, and Superintendent.
..85	330.9	2 5/8	169 1/4	237	1218-19-0	1317	300	2 13/16 WI	C.S.	KOMATSU MFG. Co. KOMATSU JAPAN	AT MAKER'S H.I. 470-51
	/	/	/	/			/	/			
Stream or Wire	225 M	~~Cir.~~ DIA. 44 M/M		KT 85.75	/	/	220 M	~~Cir.~~ DIA 44 M/M	65x24W	KOBE STEEL WORKS, KOBE.	AT MAKER'S H.I. 7-6-51

HAWSERS AND WARPS.

Material.	Length and Size supplied. Length. ~~Fathoms~~ M	Cir. ~~Ins.~~ M/M	Breaking Test of Steel Wire. ~~Tons.~~ KT	Length and Size per Table 53. Length. ~~Fathoms~~ M	Cir. ~~Ins.~~ M/M
TOWLINE	220	163	114.10	240	165
Hawsers & Warps MANILA	223	251	/	220	203
"	"	"	/	"	"
"	"	"	/	"	"
"	"	"	/	"	"

[Steer]ing Gear, Type (Power or hand 2 SETS OF HELESHAW HYDRAULIC/ELECTRIC TYPE. Alternative Means of Steering HAND

[Steer]ing Chains (Size and Test) / Windlass STEAM Boats 4 WOOD 24 / 1 TEMMA.

[Ceiling] in Holds, thickness and material / Cargo Battens, thickness, material and spacing /

[Hat]chways. (Upper Deck) 1. Thickness of Hatches

Hatchways No. 1 (Fwd) 2700 M x 3000 M No. 2 No. 3 No. 4 No. 5 No. 6

[No.] of Shifting Beams Fore and Afters W/T STEEL COVER AS APPROVED

24 @ 750 x 1200 to cargo tanks.

Builder's Signature Takeo Morimoto
Standing Director of Kawasaki Dockyard.

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

[TH]IS SHIP HAS BEEN BUILT UNDER SPECIAL SURVEY IN CONFORMITY WITH THE SOCIETY'S RULES AND [REGULA]TIONS AND SECRETARY'S LETTERS. THE SCANTLINGS AND ARRANGEMENTS OF THE SHIP ARE AS GIVEN [IN THIS] REPORT AND AS SHOWN AND AMENDED ON THE APPROVED PLANS NOW FORWARDED. ALL MODIFICATIONS [AND ADD]ITIONS TO THE ORIGINAL APPROVED ARRANGEMENTS MADE DURING CONSTRUCTION HAVE BEEN INDICATED [ON THE] PLANS AND HAVE BEEN APPROVED AS BEING IN ACCORDANCE WITH OR BY STANDARD EQUIVALENT TO THE [RULE] REQUIREMENTS. THE PLANS OF MIDSHIPSECTION & PROFILE & DECKS SHOWING THE SHIP AS BUILT, NOW FOREWARDED [HERE]WITH, HAVE BEEN CHECKED WITH APPROVED ARRANGEMENTS AND FOUND IN ORDER. THE MATERIALS AND [WORK]MANSHIP ARE GOOD. THE WEATHER DECK CLEAR OF THE OIL TANKS AND W.T. BHD. ABOVE PEAK [TANK] FOREWARD HAVE BEEN HOSE TESTED AND FOUND SATISFACTORY. THE PEAK TANKS, ALL CARGO TANKS, [DEEP] TANK FOREWARD, E.R. DOUBLE BOTTOM TANKS, & COFFERDAMS, FEED WATER TANKS HAVE BEEN TESTED [AS REQ]UIRED BY THE RULES AND FOUND SATISFACTORY. THE REQUIREMENT OF SEC. 20 OF THE RULE, WHERE [AP]PLICABLE FOR THE CARRIAGE OF OIL FUEL, HAVING FLASH POINT ABOVE 150°F HAVE BEEN COMPLIED WITH.

[The] amount of Entry Fee ~~2,760,630~~ ¥ 4,140,864 (KOB LTR. 11.7.52) : :
Special Survey Fee $: :
POSTAGE, CABLES & 45,000 ¥
Travelling Expenses, ~~if any~~ $: :

Fees applied for, 19
Received by me, 19

(Special notations, where part of class, to be stated.)
LONGITUDINAL FRAMING ON BOTTOM AND DECK

~~I am~~ WE ARE of opinion the Vessel should be Classed ✠ 100 A 1 "CARRYING PETROLEUM IN BULK"

[State] whether the Vessel has been built under Special Survey YES.

Signatures Reginald Stevenson & K. Urayama
Surveyors to Lloyd's Register of Shipping.

[Certi]ficate to be sent to KOBE OFFICE in TRIPLICATE Date of issue 14/8/52

[Co]mmittee's Minute TUES. 22 JUL 1952

[Ch]aracter assigned ✠100A1 "Carrying Petroleum in bulk"

1,52 Kob.

Lloyd's A & C.P. ✠LMC 1,52. Oil Eng. [initials]

C.L.

2DB 178 lb.

(with torsional endorsement)

Write Kob. (L).

Note for S.R.L.

CLASSIFICATION CERTIFICATES WRITTEN.

0125 2/3

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 ... the Plans should be embodied*).

THE WINDLASS, STEERING & AUXILIARY GEAR HAVE BEEN TRIED UNDER WORKING CONDITIONS AND FOU... SATISFACTORY. THE OIL FUEL IS CARRIED IN THE BUNKERS AT THE FORE END OF E.R.M. FORD. D... TANK AND PART OF E.R.M. DOUBLE BOTTOM.

THE FREEBOARDS HAVE BEEN ASSIGNED BY THE JAPANESE GOVERNMENT.

NOTE:- VERIFICATION OF FREEBOARD FORM HEREWITH.

THE FOLLOWING PLANS ACCOMPANY THIS REPORT:-

AS APPROVED:- MIDSHIP SECTION PROFILE & DECKS

AS BUILT :- STEM, STERN FRAME, RUDDER,
LONG. BULKHEADS TRANS. BULKHEAD
SHELL EXPANSION

BOW CONSTRUCTION STERN CONSTRUCTION
DOUBLE BOTTOM IN E.R.
DEEP TANK AND CARGO HOLD

S/T HATCH COVER GANGWAY

AS FITTED:- MIDSHIP SECTION PROFILE & DECKS PUMPING PLAN
GENERAL ARRANGEMENT CAPACITY PLAN

THE FOLLOWING CERTIFICATES ACCOMPANY THIS REPORT:-
STERN FRAME RUDDER FRAME

A COPY OF THE INTERIM CLASSIFICATION CERTIFICATE IS ATTACHED.

PARTICULARS OF ELECTRIC WELDING (*if employed*) SHELL BUTTS AN SEAMS, BOTTOM LONGS. AND DECK L... LONGL AND TRANS. BHD PLATING AND STIFFENERS, SIDE, BOTTOM, DECK TRANS ... WEB STIFFS, UPPER DECK, F'CLE DECK, POOP DECK, AND SUPERSTRUCTURES PLATING AND BEAMS, ENGINE ROOM INNER BOTTOM PLATING AND FLOORS, F'CLE AND POOP DECK SIDE SHELL PLATING. ELECTRODES APPROVED BY THE SOCIE... FOR EACH PURPOSE AND METHOD TO THE SATISFACTION OF THE UNDERSIGNED.

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

CRUISER STERN, LLOYD'S A.+C.P., D.F., G.Y.C., E.S.D., PART ELECTRICALLY WELDED. MACHY AFT. CARRYING PETROLEUM IN BULK.

RADAR *Equipment* (*State if fitted* YES

State Type or Pattern No. SPERRY TYP...

State Name of Maker and/or Supplier SPERRY CO. TOKYO KEIKI K.K. TO...

Particulars of **Drop Test** of Cast Steel Anchors, viz.:—Weight, Surveyor's Initials, Number of Certificate, Date of Test.				
1st Bower	64-1-0	K. NAKANO	Y. NO. 2096	27-7-51
2nd „	64-2-22	„	Y. NO. 2097	27-7-51
3rd „	64-2-0	„	Y. NO. 2098	27-7-51

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop (150.3) ft., R.Q.D. / ft, Bridge 39.4 ft, Forecastle 51.5 (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated /

Official No. 68042 Signal Letters JMUJ Extreme Breadth over (Belting) (Circ. 1611) 72.5 Over all Length 587 (Circ. 1703)

No. and Material of Decks ONE DECK, TWO DECKS AFT

Parts of Bottom of Vessel coated with cement or approved composition PISTON COOLING WATER TANK + PEAK TANK & SHAFT TUNNEL WELL COATED CEMENT WASH

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. Feet. M	Water Capacity. Tons.
Double bottom, aft,		
Double bottom, under Engines and Boilers,		
Double bottom, if under Engines only,	28.8	F.W. 33.3 F.O. 31.6.2
Double bottom, if under Boilers only,		
Double bottom, forward,		
Total length (if continuous) and Capacity	(28.8) 90	

Where Fitted.	Length. Feet. M	Water Cap... Tons
Fore peak tank,	10.7	22.0
After peak tank, UP. P.T.S. LOW.	4.3	F.W. 12.8
Deep tank, aft,	4.3	27
Deep tank, forward, P.T.S.	12.3	91.4
Other tanks, if fitted, NO. 1 / NO. 2 F.O. TANK / NOS. 1.2.3. F.O.S.T.	3.2	F.O. 222. F.O. 206. F.O. 69.
(If necessary furnish further information by sketch) B.O.S.T. P.T.S.	4.0	F.O. 33
F.W.T. P.T.S.	2.0	F.W. 11.

Order for Special Survey No. /

Date /

Dates of Surveys held while building

R.1. 17/MARCH. 20/JUNE: 26 JUNE: 7 SEPT: 30 SEPT.

KU. 31/JULY, 23, 27/AUG. 1.3.5.7.11.12.14.15.18.19.20.21.22.26.27.28/SEPT.
1.2.3.4.5.6.8.9.12.13.16/OCT. 12.25/DEC.

32 Total No. of Visits