

99535. *Suez.*
STEEL STEAMER OR MOTORSHIP.

Received at London Office

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

State if Report is sent on the Machinery of the Vessel No

Date of completion of report 15th April, 1954. Port of Hong Kong No. 11993

Survey held at Hong Kong. Date First Survey 12th January, 1954 Last Survey 3rd April, 1954.

On the *(State if Machinery fitted Aft and if Single, Twin or Triple Screw)* Steel Single Screw Tanker "FRENULINA" Machinery Aft.

State Type *(Full Scantling, Complete Superstructure with or without Tonnage Openings)* Full Scantling. State Type of Erections Poop & Forecastle.

TONNAGE under } 702.18
 Tonnage Deck ... }

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

Total

Gross Tonnage 1037.52

Register Tonnage 477.03

REGISTERED DIMENSIONS.
 FEET

Length 221.70

Breadth 32.0

Depth 14.55

CLASS +100A1 State if with freeboard } No
 as condition of Class }

Length from fore part of stem to after part of stern } 218.46
 post on summer L.W.L. See Sec. 3 (1a) }

Breadth (greatest moulded) B 32.00

Depth, at middle of length from top of keel to top } 14.75
 of beam at side of uppermost continuous }
 deck. See Sec. 3 (1c) }

1st Longitudinal Number (L x D) =

2nd Numeral L x (B + D) =

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

Proportions—Depth to Length—Uppermost con- }
 tinuous deck to top of keel }
 Do. Long Bridge to }
 top of keel }

Draught Moulded 13.12

Built at Hong Kong.

Undocked 9-4-54 Yard No. -

Builders A. & J. Inglis Ltd.
Lengthened by The Hongkong & Whampoa Dock Co. Ltd., HongKong.

Owners Anglo-Saxon Petroleum Co. Ltd.

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

Residence -

Port of Registry London

If surveyed while building, afloat, or in dry dock
 During construction of new cargo tanks &
 lengthening of vessel - afloat & in dry
 dock.

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.....	22 $\frac{1}{2}$ ✓		Bracket Floors, Frame	-
" " from $\frac{3}{4}$ length amidships to Collision bulkhead.....	-		" " Reversed Frame.....	-
" " in peaks	-		" " Vertical Struts	-
SIDE FRAMING.			Centre Girder, depth and thickness amidships	-
Frame Amidships, Angle or [.....	7 3 .33 ✓		" " top Angles	-
" " Extends up to <u>Upper deck</u>			" " bottom Angles.....	-
Reversed Frame Amidships, Angle	-		Side Girders, No. each side and thickness.....	-
" " Extends up to	-		Margin Plate depth (excl. of flange) and thickness	-
Depth of Framing Girder.....	7		" " Vertical Angle to Tank side Bracket abaft $\frac{1}{4}$ len. from stem	-
Frames in Uppermost Continuous 'tween Decks, Angle, [or [.....	-		" " Vertical Angle to Tank side Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	-
" " Second 'tween Decks, Angle, [or [.....	-		" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem.....	-
" " Third " " " "	-		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	-
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	-		Tank Side Brackets, height above base line at toe of Frame and thickness	-
" " in Peaks, Angle or [.....	-		INNER BOTTOM PLATING.	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	4 $\frac{3}{4}$ 4 $\frac{1}{2}$ ✓ 4 $\frac{1}{2}$ approved		Breadth and thickness of Middle Line Strake...	-
State if Frame Joggled.....	<u>Yes</u>		Thickness of remainder in Holds	-
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<u>Yes</u>		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?.....	-
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<u>Yes</u>		BEAMS.	
SINGLE BOTTOM.			Uppermost Continuous Deck, amidships in Wells, Angle, [or [.....	Longitudinal beams ✓
Floors, Depth and thickness at mid-line in Holds.....	Longitudinal framing on bottom, ✓		" " in way of Bridge, Angle, [or [.....	in cargo tanks
Height of Brackets at side above base line at toe of frame.....			Spacing	-
Middle Line Keelson, on Floors, Angles, [or [.....			Second Deck, amidships, Angle, [or [.....	-
" " Through Plate or Intercostal Plate			Spacing	-
" " Foundation Plate on Floors		Third Deck, amidships, Angle, [or [.....	-	
" " Flat Plate Keel Angles		Spacing.....	-	
Side Keelsons, No. each side.....		Fourth Deck, amidships, Angle, [or [.....	-	
" " thickness of Intercostal Plate.....		Spacing.....	-	
" " Angles		Poop Deck, Angle, [or [.....	-	
DOUBLE BOTTOM.		Spacing.....	-	
Solid Floors, thickness and spacing		Bridge Deck, Angle, [or [.....	-	
" " Are Frame and Reversed Frame joggled?		Spacing.....	-	
Bracket Floors, breadth and thickness at middle line		Forecastle Deck, Angle, [or [.....	-	
" " breadth and thickness at margin plate.....		Spacing.....	-	

EQUIPMENT No. LETTER m 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.				
75989	1st Bower	23	1	21	✓	✓	✓	23	10	0	0	Challenge Pattern C.S. Head.	N. Hingley & Sons.	Cradley Heath 18-1-54
49899	2nd "	21	1	16	✓	✓	✓	22	0	0	0	Byers Improved Type C.S. Head.	W.L. Byers & Co. Ltd.	Sunderland 29-8-46
48601	3rd "	21	1	9	✓	✓	✓	21	18	0	14	- Ditto -	- Ditto -	Sunderland 29-10-45
	Collective weight	66	0	18										F.W. Dovey.
	Stream													

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.	Makers of Cables.	Where and when tested, and Superintendent.	Material.	Length and Size supplied.		Breaking Test of Steel Wire.	Length and Size per Table 53.			
	Length.	Diam.	Statutory.	Break-Ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Ins.	Length.		Ins.	Length.	Ins.	
91685	30 1/2	1 3/8	34	51	29-0-23	✓	✓	240	1 3/8	Stud Link	Not stated	Cradley Heath 21-1-54	TOWLINE							
88856	15	1 3/8	34	51	14-2-4	✓					"	"		Cradley Heath 27-1-53						
111668A	15	1 3/8	34	51	14-2-25	✓					"	N. Hingley & Sons Ltd.		Netherton 9-9-40	HAWSERS & WARPS					
Original Equip 2991	180	1 3/8 Cir.	34	51	- - -						"	Not stated		Netherton 22-10-45						
Iron Stream Chain or Steel Wire																				

Steering Gear, Type (Power or hand) - Alternative Means of Steering -

Steering Chains (Size and Test) - Windlass - Boats -

Ceiling in Holds, thickness and material - Cargo Battens, thickness, material and spacing -

Tank Cargo/Hatchways.-(Upper Deck) 8 off. 5'-0" x 3'-9" Thickness of Hatches Steel covers.

Size of Hatchways No. 1 (Fwd.) - No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -

Number of Shifting Beams and/or Fore and Afters } Builder's Signature

GENERAL 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 Vessel.
 (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).

The vessel was cut in the cofferdams forward and abaft the cargo tanks and the cargo tanks were discarded. New cargo tanks, including an additional tank, were constructed under Special Survey and joined to the forward and after portions which have been Specially Surveyed and repaired at this time. All new construction and repairs were carried out in conformity with the Society's Rules and Regulations and Secretary's letters. The scantlings and arrangements, including all hatchways, companionways and other significant openings in the strength decks, as fitted, are as shown on the approved plans of midship section upper deck and trunk top plating forwarded with the C 11 Report. ✓

The Special Survey has now been completed to my satisfaction.

The amount of Entry Fee..... Charged on Rpt. 8 } Fees applied for,
 Special Survey Fee..... £ : : } 19
 Travelling Expenses, if any £ : : } Received by me,
 Cargo Tanks have } 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

Signature James Alexander
 Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to..... Date of issue.....

THURSDAY 17 JUN 1954

Committee's Minute

Character assigned

See Hkg rpt 8 No 11993



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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.)

Approved plans forwarded herewith:

Midship Section.
 Extension to Upper Deck & Trunk Top Plating.
 Shell Expansion.

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of shell, deck, trunk and bulkhead plating welded in way of cargo tanks. Longitudinal bulkhead welded to keel. Trunk side plating welded to deck and trunk top. Bilge brackets welded to shell plating.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book
 Machinery Aft. Cruiser Stern. Longitudinal framing at bottom, deck and trunk top. Part electric welded.
 Cargo tanks renewed 4,54. Carrying petroleum in bulk.

RADAR Equipment (State if fitted) No

State Type or Pattern No. -

State } Maker -
 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	12 cwts. 2 grs. 2 lbs.	A.E.G.	8390	21st December, 1953.
	2nd „	12 cwts. 3 grs. 12 lbs.	J.H.J.	7490	8th February, 1946.
	3rd „	13 cwts. 0 grs. 0 lbs.	A.E.G.	7675	13th July, 1945

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

Official No. 169457 Signal Letters G K S W Extreme Breadth over Belting 22.3 Over-all Length 229.58
 (Circ. 1611) (Circ. 1703)

No. and Material of Decks One Steel.

Parts of Bottom of Vessel coated with cement or approved composition _____

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.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total length (if continuous) and Capacity			(If necessary furnish further information by sketch.)		

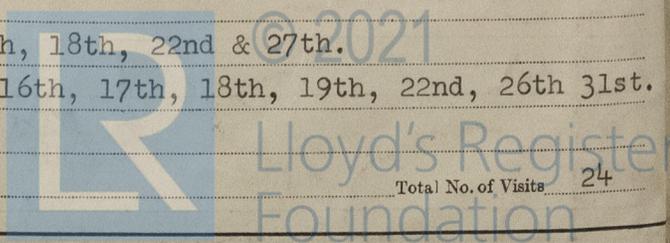
Order for Special Survey No. _____

Date _____

Dates of Surveys held while building

January 12th & 23rd.
 February 2nd, 6th, 9th, 11th, 15th, 18th, 22nd & 27th.
 March 1st, 3rd, 9th, 10th, 13th, 16th, 17th, 18th, 19th, 22nd, 26th 31st.
 April 2nd, 3rd.

Total No. of Visits 24



10m. 1.47.—Transfer Ink. (MADE AND PRINTED IN ENGLAND.) (The Surveyors are requested not to write on or below the space for Committee's Minutes.)