

RECEIVED

Rpt. 1.

18 NOV 1948

IN D.O.

## STEEL STEAMER or MOTOKSHIP.

Received at London Office 15 NOV 1948

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 11th October, 1948 Port of Galveston, Texas No. 5046

Survey held at Galveston, Texas Date First Survey 23rd September Last Survey 8th October, 19 48

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) S/S "TROCHISCUS" Machinery fitted aft. Single Screw

State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Full scantlings State Type of Erections Poop Bridge &amp; Forecastle

TONNAGE under Tonnage Deck....

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

Total

Gross Tonnage 10668

Register Tonnage 6319

## REGISTERED DIMENSIONS. FEET.

Length 506.5

Breadth 68.2

Depth 39.2

CLASS 100A1 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 503

Breadth (greatest moulded) B 68

Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 39.25

1st Longitudinal Number (L x D) = 19743

2nd Numeral L x (P + D) = 53947

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

Proportions—Depth to Length — Uppermost continuous deck to top of keel 12.8 Do. Long Bridge to top of keel

Draught Moulded

Built at Portland, Oregon

Launched 11th July, 1944 Yard No. 79

Builders Kaiser Co., Inc.

Owners Anglo-Saxon Pet. 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

Afloat and in drydock

## 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	See Rpt. 1*		Bracket Floors, Frame	-	
Deep Tank Fr. 75-89	27	✓	" " Reversed Frame	-	
" " from 1/2 length amidships to Collision bulkhead	24	✓	" " Vertical Struts	-	
" " in peaks			Centre Girder, depth and thickness amidships	81 1/2" .56"	✓
IDE FRAMING.			" " top Angles	-	
Frame Amidships, Angle, [ or [			" " bottom Angles	-	
" " Extends up to			" " "	2" .46"	✓
Reversed Frame Amidships, Angle			(Side Girders, No. each side and thickness		
" " Extends up to			Under Engines		
Depth of Framing Girder			Margin Plate depth (excl. of flange) and thickness		
Frames in Uppermost Continuous 'tween			" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem		
Decks, Angle [ or [			" " Vertical Angle to Tank side Bracket from forward 1/4 len. from stem to Panting Area		
" " Second 'tween Decks, Angle, [ or [			" " Gussets, spacing and scantling abaft 1/4 len. from stem		
" " Third " " " "			" " Gussets, spacing and scantling from forward 1/4 len. from stem to Panting Area		
" " from 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 1/4 Aft Peak	8 4 17.2#	✓	INNER BOTTOM PLATING.		
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	All E.W.	✓	Breadth and thickness of Middle Line Strake	68" .56"	✓
State if Frame Joggled	NO	✓	Thickness of remainder in Holds	.56"	✓
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	As submitted	✓	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?	As submitted	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	As submitted	✓	BEAMS.		
ANGLE BOTTOM.			Uppermost Continuous Deck, amidships		
Floors, Depth and thickness at mid-line in Holds	-		" " in Wells, Angle [ or [		
Height of Brackets at side above base line at toe of frame	-		" " in way of Bridge, Angle, [ or [		
Middle Line Keelson, on Floors, Angles, [ or [			Spacing		
" " Through Plate or Intercoastal Plate	90" x .50" with 17" x 1" Rider Plate	✓	Second Deck, amidships, Angle, [ or [		
" " Foundation Plate on Floors	-		Spacing		
" " Flat Plate Keel Angles	All E.W.	✓	Third Deck, amidships, Angle, [ or [		
Side Keelsons, No. each side	-		Spacing		
" " thickness of Intercoastal Plate	-		Fourth Deck, amidships, Angle, [ or [		
" " Angles	-		Spacing		
DOUBLE BOTTOM. Aft			Poop Deck, Angle, [ or [		
Solid Floors, thickness and spacing	.47 28#	✓	Spacing		
" " Are Frame and Reversed Frame joggled?	-		Bridge Deck, Angle, [ or [		
Bracket Floors, breadth and thickness at middle line	-		Spacing		
" " breadth and thickness at margin plate	-		Forecastle Deck, Angle, [ or [		
			Spacing		



## 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.	Number of
<b>PILLARS, No. of Rows.....</b>	-	-		(Dry Hold & Ford)	.41"	.42"	✓	1*
" in 'tween Decks, Size and Spacing.....	-	-		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 .....	-	-		
" in Holds " "	-	-		Thickness of Plating within line of openings.....	.44"	.75"	✓	Machy. S
Longitudinal " " "	-	-		If Sheathed, material and thickness.....	.41"	.42"	✓	Hold & of E
<b>Centre-Line Bulkheads in Cargo Tanks</b> 17'-6" from CL(P&S)				<b>Third Deck.</b>	-	-		in Bridg
Stiffeners and Spacing Horiz. Corrugated Bulkhead Plating				Stringer Plate, breadth and thickness.....	-	-		from Up
Depth of corrugations 12'-6" spaced 5'-0" apart &				webs	-	-		
Plating, thickness of.....	.58"	.42"	39/45"x.50"	If Plated, state thickness.....	-	-		
<b>STRINGERS AND DECKS.</b>				<b>Fourth Deck.</b>	-	-		
<b>Uppermost Continuous Deck.</b>				Stringer Plate, breadth and thickness.....	-	-		
Stringer Plate, breadth and thickness in Wells	.84"	.94"	.41"	If plated, state thickness.....	-	-		
" " " " in way of Bridge	.84"	.13"		<b>Poop Deck.</b>				
" Angle in Wells .....	-	-		Stringer Plate, breadth and thickness.....	.46"	.38"	✓	
Thickness of Plating abreast Deck openings } in way of Wells .....	.82"	.69"	✓	(Remainder) Plating, sheathing, material and thickness.....	.30"	.50"	✓	
Thickness of Plating abreast Deck openings } in way of Bridge .....	.82"			<b>Bridge Deck.</b>				
Thickness of Plating within line of openings..	.82"	.37"	✓	Stringer Plate, breadth and thickness.....	.48"	.50"	✓	
If Sheathed, material and thickness .....	-	-		(Remainder) Plating, sheathing, material and thickness.....	.40"			
<b>Second Deck. (Machy. Space)</b>				<b>Forecastle Deck.</b>				
Stringer Plate, breadth and thickness in Wells	.44"		✓	Stringer Plate, breadth and thickness.....	.43"			
				(Remainder) Plating, sheathing, material and thickness.....	.62"	.43"	✓	

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

WATERTIGHT BULKHEADS.		FORGINGS and CASTINGS.			
Total No. of W.T. BULKHEADS in Vessel—	Fr's. 95/25/31, 45/46, 47/50, 53/56, 59/62, 65/68, 71/73, 75/77, 89	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
	15				
Extending to Upper Deck (Sec. 3 c)					
" — Deck next below					
As per Rule					
		KEEL, Bar			
		STEM	M.S. Shaped 63" - .83"		

## FORGINGS and CASTINGS.

		Plating Thickness.	STIFFENERS.			
			VERTICAL.		HORIZONTAL.	
			Scantlings.	Spacing.	Scantlings.	Spacing.
			Hor. ✓			
MIDSHIP BULKH'D,	Upper tween decks		Depth of corrugation from frame line 10'-6"			
"	"		Corrugations spaced 5'-0"			
"	Second "		6"x.50"- .478"x.75" F.P. on CL ✓			
"	Third "		6"x.47" ✓ 10"x.72" ✓ F.P. 10" off CL ✓			
"	Holds .....	.50" to .46"	6"x.47" ✓ 8"x.50" ✓ F.P. 25" " " ✓			
COLLISION "	(in Hold) No PLANS	.38" to .60"	6"x4" x .38" 10"x4½" x .44" 30" " " " "			
AFTER PEAK "	"	.38" to .44"	4"x3" x .38" 5"x3½" x .38" 30" Steering gear B. Room & Magazine Flats 8'x4'x.50" above base			

**STERN FRAME**

- Propeller Post ..... C.S. Shaped ✓
- Rudder " ..... -

Speed of Vessel..... -

**RUDDER—Type** Contra-Guide ✓  
Area 212 sq. ft.  
C.F.A. 2.89 Aft CL of

" A X D ..... 13½" ✓

Diam. of head ..... MS 11"x27") With 17" OD  
Mainpiece at top pintle MS 11"x27") } 1⅞" thick steel tube  
heel ..... T.

how constructed... Built & E.W. ✓

double or single plate coupling, vertical or horizontal ..... .50" ✓

Horizontal (6x3½"/Dia.)

Manufacturer's Name & Trade Mark, Date of Construction

Required not to exceed 1 minute's duration

STEEL.

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

Has the Steel been tested as required by the Rules?



## FRAMING.

FRAMING.				AMIDSHIPS.			ENDS.			Any Departure from Approved Plans to be Noted.		RIVETING.		Rivets in Longitudinal Frames.		Spacing of Rivets on each side of Transverses and Bulkheads.		Rivets in Brackets to Bulkheads.	
				In Ship. lbs.			In Ship. lbs.							Diam. Speng.		Inches.		Number. Diameter.	
				Ins.	Ins.	lbs.	Ins.	Ins.	lbs.			Ins.	Ins.						
Machy. S																			
Hold & of <del>E-1-2-3-4</del> Inverted Angles or Flanged Plates (Angles Marked x)																			
in Bridge 'tween Decks ...				6x	4	14.3	In Fore Peak			In Machinery Space									
from Uppermost Continuous No. 1				8x	4	17.3	6x	4	12.3	6x	4	14.3							
" 2				8x	4	17.3	6x	4	12.3	6x	4	14.3							
" 3				9	4	17.85	6x	4	12.3	6x	4	14.3							
" 4				10	4	17.85	6x	4	14.3	7x	4	15.8							
" 5				11	4	17.85				8x	4	17.2							
" 6				11	4 1/2	17.85	6x	4	14.3	9x	4	17.85							
" 7				12	4 1/2	17.85	7x	4	15.8	10	4	17.85							
" 8				13	4 1/2	17.85	7x	4	15.8	8x	4	17.2							
" 9				14	4	17.85	8x	4	17.2	8x	4	17.2							
" 10				15	4	17.85	8x	4	17.2	9	4	17.85							
" 11				15	4 1/2	17.85				9	4	17.85							
" 12				16	4 1/2	20.4	9	4	17.85	10	4	17.85							
" 13				17	5	20.4	9	4	17.85										
" 14				18	5	20.4	17) 10	4	17.85										
( " 15				19	6	20.4	18) 10	4 1/2	17.85	15) 11	4	17.85							
( to 26							19) 10	4 1/2	17.85	16) 11	4	17.85							
( " 16																			
of Amidships				2'-6"	(About 3'	at Bilge)				17) 11	4	17.85							
At Ends				2'-6"															
Tank Top Longitudinals				Tran. Framing See Rpt. 1															
Bottom																			
of Longitudinals																			
Amidships																			
At Ends...																			
Transverses.																			
Depth and Thickness																			
Face Angles																			
Lugs to Shell*				33" Top x .50" ✓															
Depth and Thickness				36" Bottom ✓															
Face Angles				Flanged 5" ✓															
Lugs to Shell*				E. W. to Shell ✓															
Depth and Thickness				4'-6" Side ✓															
Face Angles				4.8" Centre .50" ✓															
Lugs to Shell*				6" Side ✓															
Depth and Thickness				Flgd. 7" Centre ✓															
Face Angles				E. W. to Shell ✓															
Lugs to Shell*																			
Back Bars																			
Brackets to V. Keel				4'x2'-10"x.50" Flgd. 7" (Measured from CL & Face of Transverse) ✓															
to Side Trans.				5'x3'-4"x.50" Flgd. 6" (Measured from Face of Transverse) ✓															
g of Transverse Frames				12'-2" ✓															
State if logged or there																			
Inv.																			
Bridge/Deck				5 3 1/2 .31 No plans															
Inv.																			
Upper				8 4 .44 ✓															
Second				7 4 .38 7 4 .38 No plans															
Third																			
Transverse Beams.																			
Plate.				16"x.44" Flgd. 4" Spaced 12															
Face Angles.				24"x.50" " 5" ✓															
Any Departure from Approved Plans to be Noted.																			

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

0245 213

LONG FRAMING -  
CRUISER STERN-  
MCHY AFT.



Down anchors over 3 grads up.

EQUIPMENT No. _____												LETTER <i>gt</i>	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.	✓	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.				
3769	1st Bower.....	104	2	16	✓	-	-	69	4	3	10	✓	95	Baldd	Columbia	30th May, '44 E.L. Helms
3761	2nd " .....	104	1	24	✓	-	-	68	18	0	14	✓	95	"	Steel Co.	30th May, '44 "
3484	3rd " .....	104	1	20	✓	-	-	68	18	0	14	✓	81	"	"	25th Apr., '44 "
	Collective Weight.	313	2	4	✓	-	-						271			All San Francisco
3751	Stream .....	38	3	0	✓	-	-	35	7	1	8	✓	28	(ex stock) "	"	30th May, '44 "

HAWSERS AND WARPS

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.									
			Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.								
	Length.	Diam.	Ins.	Tons.	Cwts. qrs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.		Fathoms.	Ins.								
2925	270	2 5/16	✓	✓	1354	139.5	✓	747-1-13	✓	880	✓	330	2 1/16	✓	C.S. National S.L. Malleable Steel Co.	Pittsburg 8th July, '44 J. Muir	TOWLINE	2 x 140	2"	✓	928	✓	130	6 1/2	✓
AB																									
																				</					

Steering Gear, Type (Power or hand) Electric-Hydo No. 1973 with Alternative Means of Steering & Hand Pump Unit  
 telemotor, Stetson Ross Mach. Co., Seattle

Steering Chains (Size and Test) None Windlass Steam No. 33 - 12"x14" Boats 6 at 22'x7.5'x3.2'  
 Hesse Ersted Ironworks (two motor driven)

Deiling in Holds, thickness and material None Cargo Battens, thickness, material and spacing None

Cargo Hatchways.—(Upper Deck) Circular O.T. Hatches of Steel 1/2" Thickness of Hatches  
 to Cargo Tanks 4'-0 1/2" Ford ✓ Plates & Sections E.W.

Size of Hatchways No. 1 (Fwd) 4'-0" Aft No. 2 - No. 3 - No. 4 - No. 5 - No. 6 -  
 " " " to Dry Cargo Hold Forward 15'-0" x 11'-4" ✓

Number of Shifting Beams None  
 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 Yes  
 (b) 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 be indicated, together with the flash point (where required to be inserted in the Notation).

Oil used as fuel can be carried in the forward deep tank and in the wing tanks in the machin-  
 ery space. Flash point of oil fuel above 150° F. ✓

The vessel was built under the special supervision of Surveyors of the American Bureau of  
 Shipping and the vessel's condition together with the standard of workmanship and welding is con-  
 sidered satisfactory. ✓

The main scantlings have been verified from the vessel and found to be in accordance with  
 those shown on submitted drawings as numerated on page No. 4 and T2 tanker class. ✓

The special survey for Classification has been completed at this time (see Rpt. 8). ✓

Particulars of the vessel's equipment taken from the endorsed test certificates issued by the  
 American Bureau of Shipping. ✓

The amount of Entry Fee ..... £ : : Fees applied for, (Special notations, where part of class, to be stated.)  
 Special Survey Fee..... £ : : 19  
 Travelling Expense, if any £ : : Received by me, 19

I am of opinion the Vessel should be Classed 100A1  
 Carrying petroleum in bulk

State whether the Vessel has been built under Special Survey Owner London  
 Certificate to be sent to Owner London Date of issue 8/2/50.

Signature Bloomfield  
 Surveyor to Lloyd's Register of Shipping.

Committee's Minute NEW YORK OCT 27 1948

Character assigned 100A1-10,48 GAL. subject.  
Carrying petroleum in bulk  
Rated for oil fuel F.P. above 150°F.  
S.S. GAL. 10,48 B.S. 10,48  
Classed 10,48

NOTE-ELEC.WELDED.  
 LONG FRAMING-  
 CRUISE STERN-  
 MCHY AFT.  
 D.F.-E.S.D.-SYC-  
 2 WTB (SPT) 500 LBS.



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 List of the Plans should be embodied.)

This vessel, a standard "T2 Tanker" is similar to a sister vessel S/S "Mesa Verde", Galveston Report No. 5006.

The following plans of this vessel are enclosed -

Capacity Plan

Shell Expansion (3 sheets)

Rudder

The W. T. bulkhead on frames 25/31 separating the main propelling machinery space from the Boiler & Auxiliary machinery space below is fitted with 2 hinged W. T. doors, one door at the level of the double bottom tank top and the other at the level of the Boiler Room Flat. As this bulkhead is not required by rule it is recommended that these hinged W. T. doors be accepted.

Crack arresters have been fitted on deck and bottom shell (See Rpt. 8).

PARTICULARS OF ELECTRIC WELDING (if employed) Electric welding employed throughout.

SPECIAL NOTATIONS:—Either as part of the vessel's class or for record in the Register Book Longitudinal framing (Trans. in aft peak) cruiser stern, electrically welded, gyro compass, echo sounding device, direction finder, fitted for oil fuel F.P. above 150° F. Carrying petroleum in bulk. Machinery fitted aft.

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

1st Bower

2nd "

3rd "

Not available

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 106<sup>108</sup> ft., R.Q.D. — ft., Bridge 36 ft., Forecastle 53 ft.

(in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 181835 Signal Letters GFKB Extreme Breadth over Belting None Over-all Length 523.5' (Circ. 1611) (Circ. 1703)

No. and Material of Decks 1 steel (2nd deck of steel in forward hold)

Parts of Bottom of Vessel coated with cement or approved composition Cement in peaks

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.)

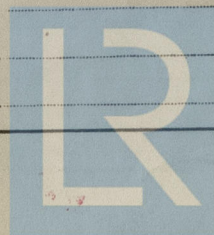
Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,			Fore peak tank, Fr. 89 - Ford		314.23
Double bottom, under Engines and Boilers, Fr. 11-44	79.0 ✓	238	After peak tank, " 9 - Aft		60.07
Double bottom, if under Engines only, Coff. 35-45	2.5 ✓	22.6	Deep tank, aft, Wing Tanks (O.F.) Frs. 36-46		803.00
Double bottom, if under Boilers only, Total length 241.56			Deep tank, forward, Frs. 75-89		759.27
Double bottom, forward,			Other tanks, if fitted, Coff. Frs. 46-47		114.22
Total length (if continuous) and Capacity	81.5 ✓	260.6	(If necessary, furnish further information by sketch.)		132.94

Order for Special Survey No.

Date

Dates of Surveys held while building

Total No. of Visits



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