

STEEL ~~STEAMER~~ MOTORSHIP.

7 JUL 1927

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 *Yes*Date of completion of report *21st of June 1927.*Port of *Rotterdam*No. *16574*Survey held at *Rotterdam*Date First Survey *28th of Nov. 1924*Last Survey *9th of June 1927.*On the (State if Machinery fitted with or without Tonnage Openings) *steel single screw Motorvessel "TROCAS" Machinery fitted aft.*State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) *Full scantling*State Type of Erections *Roop Bridge Forecastle*TONNAGE under Tonnage Deck... *6761.21*CLASS *100 A1* - State if with freeboard as condition of Class *No*Built at *Rotterdam*

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

Length from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) *L 440.0*Launched *29-12-1926* Yard No. *99*

Total

Breadth (greatest moulded) *B 59.0*Builders *Rotterdamsche Droogdok Maatschappij*Gross Tonnage *7406.25*Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) *D 32.75*Owners *Anglo-Saxon Petroleum Co Ltd.*Register Tonnage *4246.94*1st Longitudinal Number (L x D) *= 14410*

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length *440.4*Framing Depth "d," at middle of length. See Sec. 3 (1d) *28.166*Breadth *59.5*Proportions—Depth to Length—Uppermost continuous deck to top of keel *13.46*Depth *32.75*Do. Long Bridge to top of keel *✓*Draught Moulded *25' 6"*Residence *London*Port of Registry *London*

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.
amidships	27 1/2	✓	Bracket Floors, Frame	✓	
from 1/2 length to Collision bulkhead	27	✓	" " Reversed Frame	✓	
in peaks	24	✓	" " Vertical Struts	✓	
Angles, Angle, E or F	8 1/2 3 1/2 .40	✓	Centre Girder, depth and thickness amidships	51 1/2 .56	
Extends up to	upperdeck	✓	" " top Angles double	3 1/2 3 1/2 .54	
Amidships, Angle	✓		" " bottom Angles double	6 6 .50	
" Extends up to			Side Girders, No. each side and thickness	three 50 .44	
Long Girder all bulk angle framing			Margin Plate depth (excl. of flange) and thickness	69 .52	
Motor Space most Continuous tween	9 3 1/2 .44	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem	6 6 .44	
Angles, Angle, E or F	8 3 1/2 .46	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem	✓	
Between Decks, Angle, E or F	8 3 1/2 .46	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem	✓	
Forehold	✓		" " Gussets, spacing and scantling forward 1/2 len. from stem	✓	
Angles, Angle, E or F	8 3 1/2 .46	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	36 .44	
Spacing of Rivets through keel and Shell Plating amidships	7/8 5 1/4	✓	INNER BOTTOM PLATING.		
Joggled	not joggled	✓	Breadth and thickness of Middle Line Strake	84 1.00	
REINFORCEMENTS (Sec. 7), state system and particulars	three banking chingers with beams at alternate frames and web frames	✓	Thickness of remainder in Holds	✓	
OF BOTTOM FOR Particulars	Double riveted frames and side keelsons all as per plan.	✓	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?	1.00 & .52	
Thickness at mid-line in forward	36 .40	✓	BEAMS.		
Brackets at side above at toe of frame	5' 6"	✓	Uppermost Continuous Deck, amidships in Wells, Angle, E or F	8 3 .42	
elson, on Floors, Angles, E or F	3 1/2 3 1/2 .44	✓	" " in way of Bridge, Angle, E or F	✓	
Through Plate or Intercoastal Plate	55 .46	✓	Spacing	27 & 48	
Foundation Plate on Floors	12 .60	✓	Second Deck, amidships, Angle, E or F	9 1/2 3 1/2 .46	
Flat Plate Keel Angles	4 4 .50	✓	Spacing	27 1/2	
each side two			Third Deck, amidships, Angle, E or F	✓	
ward, see plan			Spacing		
ickness of Intercoastal Plate	.44	✓	Fourth Deck, amidships, Angle, E or F	✓	
gles	6 6 .44	✓	Spacing		
in Motorspace			Poop Deck, Angle, E or F	✓	
ness and spacing	48 .38 - 27 1/2	✓	Spacing		
Frame and Reversed Frame joggled?	not joggled	✓	Bridge Deck, Angle, E or F	6 1/2 3 .40	
Breadth and thickness at middle line			Spacing	27 1/2	
Breadth and thickness at margin plate			Forecastle Deck, Angle, E or F	✓	
			Spacing		

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PILLARS AND DECKS.

PILLARS, No. of Rows.....	INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.			INCHES IN SHIP.		Any Departure from Approved Plans to be Noted.
in <i>forecastle</i>		<i>one</i>						
" in <i>Forecastle</i> , Size and Spacing.....	<i>3 1/4" x 2 1/2" dia.</i>							
" <i>aft.</i> <i>I</i> <i>12 x .48</i>	<i>12 3 1/2</i>	<i>.50</i>						
" in Holds <i>Cargo tanks I</i>	<i>10 8</i>	<i>.40</i>						
" <i>see letter 7-10-24</i>		<i>.783</i>						
" <i>Side</i> <i>no 1 tank -</i>	<i>8 1/2 3</i>	<i>.38</i>	<i>BA.</i>					
" <i>Centre Line Bulkhead. remainder -</i>	<i>8 3</i>	<i>.38</i>	<i>BA.</i>					
Stiffeners and Spacing.....	<i>Spaced</i>	<i>17 1/2</i>						
<i>3 horizontal girders all as per plan</i>								
Plating, thickness of <i>vertically</i>		<i>.42</i>						
STRINGERS AND DECKS.								
Uppermost Continuous Deck.								
Stringer Plate, breadth and thickness in Wells	<i>72</i>	<i>x .66</i>						
" <i>poop and bridge ends</i>	<i>72</i>	<i>x 1.00</i>						
" in way of Bridge								
" Angle in Wells	<i>6</i>	<i>6 .58</i>						
Thickness of Plating abreast Deck openings in way of Wells	<i>.66</i>	<i>.48</i>						
Thickness of Plating abreast Deck openings in way of Bridge								
Thickness of Plating within line of openings	<i>.58</i>	<i>.52</i>						
If Sheathed, material and thickness								
Second Deck. forward.								
Stringer Plate, breadth and thickness in Wells	<i>37</i>	<i>.44</i>						
Stringer Plate, breadth and thickness 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	<i>48</i>	<i>.40</i>						
Plating, Sheathing, material and thickness		<i>.40</i>						
Bridge Deck.								
Stringer Plate, breadth and thickness	<i>41</i>	<i>.42</i>						
Plating, Sheathing, material and thickness	<i>.26</i>	<i>pitch pine 3"</i>						
Forecastle Deck.								
Stringer Plate, breadth and thickness	<i>37</i>	<i>.36</i>						
Plating, Sheathing, material and thickness	<i>.28</i>	<i>pitch pine 3"</i>						

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if jogged? <i>not jogged</i>		RIVETS.		No. of Rows of Rivets.	STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.		
	Inches.	Inches.	Inches.	Inches.				Inches.	Inches.		
FLAT PLATE KEEL	<i>49</i>	<i>1.04</i>	<i>.76</i>	<i>.76</i>		<i>Double</i>	<i>1 3 1/2</i>	<i>III</i>	<i>1 1/8</i>	<i>5</i>	<i>Lapped</i>
" DBLG. (if any)											
BOTTOM PLATING, No. of Strakes <i>A.B.C.D.</i>	<i>82</i>	<i>1 1/16</i>	<i>.50</i>	<i>.50</i>		<i>Double</i>	<i>1 3 1/2</i>	<i>III - III</i>	<i>1</i>	<i>4</i>	<i>Lapped</i>
BILGE PLATING, No. of Strakes <i>E.F.</i>	<i>61</i>	<i>.66</i>	<i>.50</i>	<i>.50</i>		"	<i>1 3 1/2</i>	<i>III - III</i>	<i>1</i>	<i>4</i>	"
SIDE PLATING, No. of Strakes <i>G.H.I.</i>	<i>79</i>	<i>.64</i>	<i>.46</i>	<i>.46</i>		"	<i>7/8 3 1/16</i>	<i>III</i>	<i>7/8</i>	<i>3 1/16</i>	"
UPPER DECK, Sheer-strake in Wells	<i>57</i>	<i>1.08</i>	<i>.48</i>	<i>.48</i>		"	<i>1 1/8 4</i>	<i>III - III</i>	<i>1 1/8</i>	<i>5</i>	"
UPPER DECK, Sheer-strake in Bridge		<i>1.26</i>				"	<i>1 1/8 4</i>	<i>III</i>	<i>1 1/4</i>	<i>5 5/8</i>	"
STRAKE BELOW SHEER-strake in Wells	<i>62</i>	<i>.89</i>	<i>.48</i>	<i>.48</i>		"	<i>1 3 1/2</i>	<i>III - III</i>	<i>1 1/8</i>	<i>5</i>	"
STRAKE BELOW SHEER-strake in Bridge											
POOP SIDE PLATING			<i>.40</i>			<i>single</i>	<i>3/4 3</i>	<i>II</i>	<i>3/4</i>	<i>2 5/8</i>	"
BRIDGE SIDE PLATING		<i>.50</i>				<i>Double</i>	<i>7/8 3 1/2</i>	<i>II</i>	<i>7/8</i>	<i>3 1/16</i>	"
FORECASTLE SIDE PLATING			<i>.42</i>			<i>single</i>	<i>3/4 3</i>	<i>II</i>	<i>3/4</i>	<i>2 5/8</i>	"

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—				
Extending to Upper Deck (Sec. 3 c)	<i>15</i>	<i>as per plan.</i>		
" Deck next below				
As per Rule				
	Plating Thickness.	STIFFENERS.		as per plan
		VERTICAL.	HORIZONTAL.	
		Scantlings. Spacing.	Scantlings. Spacing.	
MIDSHIP BULKHEAD, Upper tween decks	<i>.46</i>	<i>8 x 3 x .90 BA - 30</i>	<i>15 x .40</i>	
" " Second	<i>.44</i>	<i>3 1/2 x 3 x .90 BA</i>	<i>10 x .40</i>	
" " Third		<i>web 45 x .44</i>	<i>21 x .40</i>	
" " Holds		<i>further as per plan.</i>		
COLLISION " (in Hold)	<i>.50 .40 .36</i>	<i>7 x 3 x .38 BA</i>	<i>3 semi. box beams</i>	
AFTER PEAK "	<i>.76 .50</i>	<i>3 1/2 x 3 x .90 BA - 24</i>	<i>as per plan</i>	
	<i>.34 .30</i>	<i>10 1/2 x 3 1/2 x .56 - 24</i>	<i>twendeck.</i>	
		<i>6 x 3 x .40 - 32</i>		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		<i>Flat keel plate</i>		
STEM	<i>forging</i>	<i>10 1/2 x 2 1/8</i>	<i>Builders</i>	
STERN FRAME { Propeller Post	<i>forging</i>	<i>10 1/2 x 8 1/2</i>	<i>Oberbilker</i>	
{ Rudder	<i>forging</i>	<i>9 x 8 1/2</i>	<i>Stahlwerke</i>	
RUDDER—A x D		<i>as per plan.</i>		
Speed of Vessel		<i>11.91 knots</i>		
RUDDER mainpiece at head	<i>forging</i>	<i>13 1/2</i>	<i>Dortmunder</i>	
" " heel	<i>forging</i>	<i>10 1/4</i>	<i>Union</i>	
" how constructed		<i>single plate as per plan</i>		
" double or single plate		<i>single plate 1.10</i>		
" coupling, vertical or horizontal		<i>horizontal.</i>		

STEEL.

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

Cargo Fleet Iron Co. Ltd.; Dorman Long & Co. Britannia Works;

David Colville & Sons Ltd.; Phoenix; Quest, Keen & Kettlefolds Ltd.

Has the Steel been tested as required by the Rules? *Yes, by Surveyors at Steel Works.*

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.)

Rpt. 4b

These particulars and
all Letters (if any).

Official Number

19,833.

Date, and Port of
whether British or

FRAMING.

of L. L. or
in Bridge 'tween
from Uppermost C

g of } Amid
rdinal } At E

} Tank Top
C } Bottom

of Longitudinal

Transverse

dge } Depth
Decks } Face A
Lugs t

} Depth
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Particulars of Drop Test of Cast Steel Leads. 51 Cwts - 1 qrs - 0 lbs. K.H. 3535. Dusseldorf 7-7-25.-
1st Bower
2nd " 44 Cwts - 1 qrs - 14 lbs. M.B. 1548. Dusseldorf. 24-7-25.-
3rd " 40 Cwts - 1 qrs - 0 lbs. K.H. 3645. Dusseldorf. 2-10-25.-

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 98.5 ft., R.Q.D. ✓ ft., Bridge 34.0 ft., Forecastle 58.25 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated ✓

No. and Material of Decks (this information is to be given as it should appear in the Register Book) One steel dk.

Official No. 149833 ; Signal Letters
Is bottom of Vessel coated with cement Yes if not gi
only outside shakes.
particulars of composition and further coated..

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft, in way of Motorspace	68.75	285	Fore peak tank,	23	162
Double bottom, under Engines and Boilers,			After peak tank,	14	67
Double bottom, if under Engines only,			Deep tank, aft,	31.5	284
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
			(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. 682
Date 14-10-1924
Dates of Surveys held while building
28/11; 8-30/12 - 1924; 2-9-12-16-28/2; 6-16-20-26/3; 27/4; 21/7; 3-21-23/9; 11-16-24-1925; 15-21-23/1; 26/2; 16-19-22-30/3; 1-10-19/4; 7-20/5; 1/6; 14-21-30/7; 4-26/8; 9/1-4-14-22-30/10; 4-19-18-23-24-27-30/11; 3-4-8-10-11-15-18-22-24-29/12 - 1926; 7/1; 14/2; 1-12/4; 9-10-16-20-23-27/5; 9/6 - 1927.

Lloyd's Register
Foundation

PARTICULARS OF LONGITUDINAL FRAMING.

FRAMING.	AMIDSHIPS.			ENDS.			AMIDSHIPS.			ENDS.			RIVETING.				
	In Ship.			In Ship.			Per Rule or as approved.			Per Rule or as approved.			Rivets in Longitudinal Frames. Diam. Speng.	Spacing of Rivets on each side of Transverses and Bulkheads. Inches.	Rivets in Brackets to Bulkheads.		
	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Ins.	Number.			Diameter. Inches.		
of L, L or C																	
in Bridge 'tween Decks ...																	
from Uppermost Continuous No. 1																	
" 2																	
" 3																	
" 4																	
" 5																	
" 6																	
" 7																	
" 8																	
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g of } Amidships																	
idinal } At Ends																	
Tank Top Longitudinals																	
Bottom																	
of Longitudinals { Amidships																	
{ At Ends...																	
Transverses.																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Depth and Thickness																	
Face Angles																	
Lugs to Shell*																	
Brackets																	
of Transverse Frames																	
State if joggled or liners.																	
Longitudinal																	
Upper																	
Second																	
Third																	

The particulars of framing in peaks (if ordinary), Floors, Centre Girder, Side Girders and Margin Plate and their angle attachments, etc., 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, etc., on the first page.

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