

## STEEL STEAMER or MOTORSHIP.

Received at London Office 5 AUG 1930

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

10th July 1930.

Port of

Bristol

No.

12388.

Survey held at

Bristol

Date First Survey

3rd Dec 1929

Last Survey

10th July

1930.

On the

(Single, Twin or Triple Screw)

Single Screw Motor Vessel "RUSOIL PRO II" (Machinery Aft)

State Type

(Full Scantling, Complete Superstructure with or without Tonnage Openings)

Full Scantling

State Type of Erections

Poop Foremast

TONNAGE under

606.26

CLASS

+100 A1

State if with freeboard

No

Built at

Bristol

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

Total

606.26

Length from fore part of stem to after part of stern

L 190.0

Launched

17.5.30

Yard No. 179

Breadth (greatest moulded)

B 32.6

Builders

Charles Hull &amp; Sons Ltd

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

D 14.3

Owners

Russian Oil Products Ltd

1st Longitudinal Number (L x D)

= 2707.5

Managers

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

2nd Numeral L x (B + D)

= 8882.5

Residence

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

13.33

Port of Registry

Bristol

Proportions—Depth to Length—Uppermost continuous deck to top of keel

Do. 9.58

surveyed while building, afloat, &amp; in dry dock

Do. Long Bridge to top of keel

13.23

Charles Hull &amp; Sons

Draught Moulded

13.23

## 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.
IES, Spacing amidships	22	✓	Bracket Floors, Frame	✓	
„ from $\frac{3}{8}$ length to Collision bulkhead	✓	✓	„ „ Reversed Frame	✓	
„ in peaks	✓	✓	„ „ Vertical Struts	✓	
FRAMING.			Centre Girder, depth and thickness amidships	✓	
me Amidships, Angle, <i>100°</i>	5 x 3 x 42	✓	„ „ top Angles	✓	
„ „ Extends up to	<i>upper deck</i>		„ „ bottom Angles	✓	
versed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	✓	
„ „ Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	✓	
pth of Framing Girder	✓		„ „ Vertical Angle to Tank side Bracket abaft $\frac{1}{2}$ len. from stem	✓	
ames in Uppermost Continuous Deck, Angle, <i>100°</i>	5 x 3 x 42	✓	„ „ Vertical Angle to Tank side Bracket forward $\frac{1}{2}$ len. from stem	✓	
„ „ Second 'tween Decks, Angle, <i>100°</i>	3 x 2 $\frac{1}{2}$ x 26	✓	„ „ Gussets, spacing and scantling abaft $\frac{1}{2}$ len. from stem	✓	
„ „ Third „ „ „	✓		„ „ Gussets, spacing and scantling forward $\frac{1}{2}$ len. from stem	✓	
aming in Peaks, Angle, <i>100°</i>	5 x 3 x 38	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	✓	
ameter and Spacing of Rivets through Frame and Shell Plating amidships	$\frac{3}{4}$ <i>space</i> $\frac{1}{2}$ <i>thru</i>		INNER BOTTOM PLATING.		
ite if Frame Joggled	<i>Yes</i>		Breadth and thickness of Middle Line Strake	✓	
TING ARRANGEMENTS (Sec. 7), state system and particulars	<i>Stringer full frame</i>		Thickness of remainder in Holds	✓	
ENGTHENING OF BOTTOM FORWARD. State Particulars	<i>Frame and 1/2 L</i>		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?	✓	
LE BOTTOM.			BEAMS.		
ors, Depth and thickness at mid-line in Holds	19 x 34 <i>flanged</i>	✓	Uppermost Continuous Deck, amidships in Wells, Angle, <i>100°</i>	5 x 3 x 30	6 x 3 x 30 BA
Height of Brackets at side above base line at toe of frame	38	✓	„ „ in way of Bridge, Angle, <i>100°</i>	4 $\frac{1}{2}$ x 3 x 32	<i>Per found found</i>
ddle Line Keelson, on Floors, Angles, <i>100°</i>	<i>Centre line</i>		Spacing	22	
„ „ Through Plate or Intercoastal Plate	<i>line</i>		Second Deck, amidships, Angle, <i>100°</i>	✓	
„ „ Foundation Plate on Floors	<i>Bulkhead</i>		Spacing	✓	
„ „ Flat Plate Keel Angles			Third Deck, amidships, Angle, <i>100°</i>	✓	
le Keelsons, No. each side	2	✓	Spacing	✓	
„ „ thickness of Intercoastal Plate	32	✓	Fourth Deck, amidships, Angle, <i>100°</i>	✓	
„ „ Angles	7 x 3 x 44 BA	✓	Spacing	✓	
DOUBLE BOTTOM.			Poop Deck, Angle, <i>100°</i>	4 $\frac{1}{2}$ x 3 x 30	✓
Solid Floors, thickness and spacing	✓		Spacing	22	
„ „ Are Frame and Reversed Frame joggled?	✓		Bridge Deck, Angle, <i>100°</i>	4 $\frac{1}{2}$ x 3 x 38	✓
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
„ „ breadth and thickness at margin plate	✓		Forecastle Deck, Angle, <i>100°</i>	5 x 3 x 31	✓
			Spacing	4 x 3 x 30	✓



# 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.		
<b>PILLARS</b> , No. of Rows.....	✓	Under Mainmast & Capstan						Stringer Plate, breadth and thickness in way of Bridge	✓				
„ in 'tween Decks, Size and Spacing.....	✓	2 1/2"						Thickness of Plating abreast Deck openings in way of Wells	✓				
„ „ „ „ „	✓	Engine room & under						Thickness of Plating abreast Deck openings in way of Bridge	✓				
„ in Holds	✓	bordered 3"						Thickness of Plating within line of openings...	✓				
„ „ „ „ „	✓	O.T. 5x3x32 BA space 22"			✓			If Sheathed, material and thickness	✓				
<b>Centre Line Bulkhead</b> , Stiffeners and Spacing.....	✓	N.A. O.T. 6x3x36 - 44"			✓			<b>Third Deck.</b> Stringer Plate, breadth and thickness.....	✓				
Plating, thickness of	✓	O.T. 36 30 30 30			✓			If Plated, state thickness.....	✓				
„	✓	N.A. O.T. 34 30 30 30			✓			<b>Fourth Deck.</b> Stringer Plate, breadth and thickness.....	✓				
<b>STRINGERS AND DECKS.</b> Uppermost Continuous Deck.	✓	87 x 38			✓			If Plated, state thickness	✓				
Stringer Plate, breadth and thickness in Wells	✓	30-48						<b>Poop Deck.</b> Stringer Plate, breadth and thickness	✓	Completely plated			
„ „ „ „ in way of Bridge	✓	at Bulkhead						Plating, Sheathing, material and thickness	✓	26 sheathed 2 1/2" P.P. outside & copper inside keelson on down			
„ Angle in Wells	✓	5 1/2 x 5 1/2 x 38			✓			<b>Bridge Deck.</b> Stringer Plate, breadth and thickness.....	✓				
Thickness of Plating abreast Deck openings in way of Wells	✓	38			✓			Plating, Sheathing, material and thickness	✓				
Thickness of Plating abreast Deck openings in way of Bridge	✓	30						<b>Forecastle Deck.</b> Stringer Plate, breadth and thickness.....	✓	30 space ✓			
Thickness of Plating within line of openings...	✓	✓						Plating, Sheathing, material and thickness	✓	30 ✓			
If Sheathed, material and thickness	✓	✓											
<b>Second Deck.</b> Stringer Plate, breadth and thickness in Wells...	✓	✓											

## SHELL PLATING.

SCANTLINGS.						RIVETING.					
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if Joggled?		RIVETS.		No. of Rows of Rivets.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
FLAT PLATE KEEL	50	53	43	43	✓	South.	3/4	2 3/4	Quampl	3/4	2 5/8
„ DBLG. (if any)		✓					✓	✓			lapped
BOTTOM PLATING, No. of Strakes	3	40	33	37	✓		3/4	2 3/4	Twice + 1/2	3/4	2 5/8
BILGE PLATING, No. of Strakes	1	40	33	33	✓						
SIDE PLATING, No. of Strakes	1	40	33	33	✓						
UPPER DECK, Sheer-strake in Wells		40	33	33	✓						
UPPER DECK, Sheer-strake in Bridge											
STRAKE BELOW Sheer-strake in Wells											
STRAKE BELOW Sheer-strake in Bridge											
POOP SIDE PLATING				26	✓						
BRIDGE SIDE PLATING		✓									
FORECASTLE SIDE PLATING			28		✓						

## WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—	2
OT	8
Extending to Upper Deck (Sec. 3 c)	
„ Deck next below	1 to deck head flat fore.
As per Rule	

## FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
<b>KEEL, Bar</b>				
<b>STEM</b>	forging	6 1/4 x 1 3/8	EMERSON WALKER & CO.	✓
<b>STERN FRAME</b> (Propeller Post)		6 1/4 x 4 1/2		✓
(Rudder)		5 3/4 x 4 1/2	E. J. P. L. M.	✓
<b>RUDDER—A x D</b>		115		✓
Speed of Vessel		10 1/2 knots		✓
<b>RUDDER</b> mainpiece at head	forging	6"		✓
„ heel		4 1/2"		✓
„ how constructed		arms at pin ke		✓
„ double or single plate		single		✓
„ coupling, vertical or horizontal		horizontal		✓

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
<b>MIDSHIP BULKH'D</b> , Upper tween decks	OT	36	Coaming	at all levels in tank	
„ „ Second	✓	30	Plating	22 x 34	
„ „ Third	✓	24	Plating	7 1/2 x 36	
„ „ Holds	✓	24	Plating	10 1/2 x 34	
<b>COLLISION</b> (in Hold)	✓	41-30	7 x 3 x 42 BA	5 x 3 x 36	
<b>AFTER PEAK</b>	✓	50	5 1/2 x 3 x 36	6 x 3 x 38 BA	✓

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture) *Open hearth process*  
*Baldwin & Co. Cleveland* *Steel work* *Stromberg & Co. Steel* *Steel*  
 Has the Steel been tested as required by the Rules? *Yes.*

Register Foundation



EQUIPMENT No 9801												LETTER C	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.	Cwts.			
45260	1st Bower ...	20	2	16	-	-	-	21	5	3	21	21 1/4	Stockless	—	Cradley 29.3.30 S. Paul
45258	2nd „ ...	20	2	4	-	-	-	21	3	3	-	-	-	—	—
45259	3rd „ ...	20	1	6	-	-	-	20	19	1	14	-	-	—	—
	Collective weight.	61	1	26								60 1/2			
45283	Stream .....	5	3	8	1	2	4	8	2	3	7	5 3/4	Mammy for 4. I.	—	— 14.5.30 —

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.	Cir.			
																Fathoms.	Ins.
44536	210	1 3/8	34	57	205.3.0	203.	210	1 1/2	Stud Links.	Henry Rouse	Cradley Heath 14.5.30 S. Paul	TO WLINE	90	3	18	90	3
												HAWSERS & WARPS	90	2 1/2		90	2 1/2
												"	90	5		90	5
Iron Stream Chain or Steel Wire	60	3 1/4		22			60	3 1/4		Butt joint Ropes	Ct 9.7.30 P. Thomas	"					

Steering Gear, Steam *Black. Chapman 62x6 13 1/2 Type* Steering Gear, Hand *Doulin (Horn part 12 1/2 inches)*

Boats *2 - 19' x 6' 6 1/2 x 2' 5* Steering Chains, Size and Test *7 9-2-2-0* Windlass *7x10 Black Chapman*

Ceiling in Holds, thickness and material *2" P.P.* Cargo Battens, thickness, material and spacing *6x2 spaced 6"*

Cargo Hatchways.—(Upper Deck) *10' x 5' 6"* Thickness of Hatches *3" W.P.*

Size of No. 1 Hatchway (Forward) ☒ No. 2 ☐ No. 3 ☐ No. 4 ☐ No. 5 ☐ No. 6 ☒

Number of Shifting Beams and/or Fore and Afters *one tank hatches 7 off 2 tank top 3' 5" x 3' 5"*

**CHARLES HILL & SONS LTD**  
Builder's Signature *Charles Hill*  
MANAGING DIRECTOR

**GENERAL DECLARATION.** It should be stated (a) whether the vessel is fitted for the carriage and burning of oil used as fuel..... (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.

*This vessel has been constructed under special survey according to the Rules & the approved plans as a motor driven oil tanker. All the machinery has been tested & certified. The deck & the whole of the compartments have been tested satisfactorily according to the rules. Oil is carried as fuel in side tanks in the engine room in communion with the two boilers. Flash point.....*

The amount of Entry Fee ..... £ *4 : 0 : 0* Fees applied for, *10. 7. 1930*

Special Survey Fee.... £ *125 : 8 : 0* Received by me, *18/10/30*

*Freeboard 3 : 13 : 4*

Travelling Expenses, if any £ .....

State whether the Vessel has been built under Special Survey *Yes*

Certificate to be sent to *Bristol* Date of issue *20/10/30*

Committee's Minute *TUE. 12 AUG 1930*

Character assigned *+ 100 AT*

*carrying Petroleum in Bulk*

*Lloyd's A & C P* *+ LAC 8.30.*

*Oil Engines 25 HP - 100 lb*

*Oil Engines 25 HP - 100 lb*

*+ LAC 6.30*

**TUE. 21 OCT 1930**

0077 2/2



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.)

### PLANS.

Midship Section.  
Rudder & Sternframe.  
Quadrant & Tiller.  
Steel Decks.  
Shell Expansion.  
Fore End Steel Arrangement.  
Arrangement of Daily Service Tanks in Eng. Room.  
Arrangement of Steam & Exhaust Pipes.  
Arrangement of Bilge Suction & Discharge Pipes.  
Forward Pumping Arrangement.  
Pump Room Arrangement.  
Poop Deckhouse (Modification).  
Modification to Centre Line Stiffening in Machinery Space.  
Diagrammatic Arrangement of Forward Piping.  
Web Frames in Motor Space & Boiler Flat.  
W. T. Doors to Pump Room.  
After Peak.  
Boat Deck Deckhouses & Casings.  
Machinery Seating.  
Wing Bunkers & F. W. Tanks.  
Re-arranged Continuation of Trunk Side.  
Oiltight Transverse Bulkhead No. 36.  
" " " " 53.  
" " " " 52.  
" " " " Nos. 86 & 87.

Fore End Bulkheads.  
Scheme of Riveting in way of oil Tanks.  
Web Frames & Side Girders.  
Position of Mountings in connection with Oil Fuel Arrangement.  
New Position of Engine Room Strong Beam.  
Deck Plating & Trunk Top.  
Wiring Diagram.  
Piping Arrangement.  
Cast Steel Quadrant for Hand Gear.  
Detail of Air Vessels.

Particulars of Drop Test of Cast Steel Anchors, viz.:— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower	12.2.26	Cert K.H.	YJ322	12.12.29.	Cert No 45260
	2nd "	12.2.8	-	6578	2.7.29.	- - 45258
	3rd "	12.2.4	-	6478	1.6.29	- - 45259.

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 68 ft., R.Q.D. ✓ ft., Bridge — ft., Forecastle 22 ft.  
(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) 1 Ok Steel  
Official No. 160000 : Signal Letters  
Is bottom of Vessel coated with cement No if not give  
particulars of composition No coating.

### PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	✓		Fore peak tank,	From 91 frame	40
Double bottom, under Engines and Boilers,	✓		After peak tank,	To frame 67	36
Double bottom, if under Engines only,	✓		Deep tank, aft,	Frame 87-92	39
Double bottom, if under Boilers only,	✓		Deep tank, forward,		
Double bottom, forward,	✓		Other tanks, if fitted,		
Total capacity of double bottom			(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. 14.  
Date 28th Oct. 1929.  
Dates of Surveys held while building  
1929 Dec. 3, 10, 12, 17, 18, 31. 1930 Jan. 2, 6, 9, 14, 20, 29. Feb. 5, 6, 7, 14, 17, 24, 25, 27. Mar. 1, 10, 14, 18, 24, 28. Apr. 3, 5, 7, 10, 11, 14, 17, 24, 25, 29. May 1, 2, 5, 8, 9, 12, 13, 14, 15, 17, 21, 26, 27, 29. June 2, 3, 20, 21, 23, 24, July 4, 10.  
Total No. of Visits 58.