

## STEEL STEAMER or MOTORSHIP.

Received at London Office

AUG 20 1937

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 18<sup>th</sup> August 1937 Port of Sunderland No. 32174  
 Survey held at Sunderland Date First Survey 11<sup>th</sup> Dec 1936 Last Survey 16<sup>th</sup> August 1937  
 On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M.V. "TROMA" Single Screw (formerly "RODSLEY")  
 State Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Complete Superstructure with Tonnage Openings State Type of Erections C.S.S.

TONNAGE under Tonnage Deck... CLASS +100A1 State if with freeboard as condition of Class Yes Built at Sunderland  
 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 416.83 Launched May 10<sup>th</sup> 1937 Yard No. 698  
 Total Breadth (greatest moulded) B 53.96 Builders Messrs W. Delford & Son Ltd  
 Gross Tonnage 5028.65 Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 37.17 Owners Messrs A. J. Ludwig Mounetzel Reden  
 Register Tonnage 3051.37 1st Longitudinal Number (L x D) 15,285 Managers (Where necessary to be entered in Reg. Book.)  
 2nd Numeral L x (B + D) 37,777 Residence Bergen, Norway  
 Framing Depth "d," at middle of length. See Sec. 3 (1d) 25.06 Port of Registry Bergen  
 Proportions—Depth to Length—Uppermost continuous deck to top of keel 11.21 If surveyed while building, afloat, or in dry dock Yes  
 Draught Moulded 25' 3 1/2"

## REGISTERED DIMENSIONS.

Length 425.4  
 Breadth 54.4  
 Depth 26.2

## 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.
<b>FRAMES, Spacing amidships</b> .....	<u>31 1/2</u>	✓	<b>Bracket Floors, Frame</b> .... <u>B. A. 7. B. S.</u>	<u>6 3 1/2 .36</u>	✓
" from 3/8 length to Collision bulkhead.....	<u>27</u>	✓	" " Reversed Frame ..... <u>L</u>	<u>7 3 .38</u>	✓
" in peaks.....	<u>24</u>	✓	" " Vertical Struts <u>Oh</u>	<u>8 x 3 1/2 x 3 1/2 .42</u>	✓
<b>FRAMING.</b>			<b>Centre Girder, depth and thickness amidships</b>	<u>42 1/4 x .56</u>	✓
<b>Frame Amidships, Angle</b> <u>E or [ N.B.S.</u>	<u>13 1/2 4 .49</u>	✓	" " top Angles .....	<u>3 1/2 3 1/2 .48</u>	✓
" Extends up to .....	<u>2nd Deck</u>	✓	" " bottom Angles .....	<u>4 .58</u>	✓
<b>Reversed Frame Amidships, Angle</b> .....	✓	✓	<b>Side Girders, No. each side and thickness</b> .....	<u>One .38</u>	✓
" " Extends up to...	✓	✓	<b>Margin Plate</b> depth (excl. of flange) and thickness .....	<u>40 x .54</u>	✓
<b>Depth of Framing Girder</b> .....	<u>13 1/2</u>	✓	" " Vertical Angle to Tank side Bracket abaft 1/2 len. from stem .....	<u>6 6 .44</u>	✓
<b>Frames in Uppermost Continuous 'tween Decks, Angle</b> <u>E or [ N.B.S.</u>	<u>6 3 1/2 .35</u>	✓	" " Vertical Angle to Tank side Bracket forward 1/2 len. from stem .....	<u>6 6 .44</u>	✓
" <b>Second 'tween Decks, Angle</b> <u>[ or [</u>	✓	✓	" " Gussets, spacing and scantling abaft 1/2 len. from stem.....	<u>42 hr.</u>	✓
" <b>Third</b> " " " "	✓	✓	" " Gussets, spacing and scantling forward 1/2 len. from stem.....	<u>42 hr.</u>	✓
<b>Spacing in Peaks, Angle</b> <u>[ N.B.S.</u>	<u>8 3 1/2 .38</u>	✓	<b>Tank Side Brackets, height above base line at toe of Frame and thickness</b>	<u>69 1/2 x .45</u>	✓
<b>Number and Spacing of Rivets through Frame and Shell Plating amidships</b> .....	<u>7/8 - 5 3/4</u>	✓	<b>INNER BOTTOM PLATING.</b>		
<b>Is Frame Joggled</b> .....	<u>Yes</u>	✓	Breadth and thickness of Middle Line Strake .....	<u>72 x .50</u>	✓
<b>FRAMING ARRANGEMENTS</b> (Sec. 7), state system and particulars	<u>In Peaks 4 stringers 35 1/2 x 3 1/4 Beams 9 x 3 1/2 x 44 1/2 1st Side Shell and 2nd frames 17 x 4 x 4 x .58 ch.</u>	✓	Thickness of remainder in Holds .....	<u>.44</u>	✓
<b>STRENGTHENING OF BOTTOM FORWARD.</b> State Particulars .....	<u>4 girders each side And 6 bottom beams 6 x 4 1/2 Bottom shell .60 from 1/2 L to Collision bulkhead</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?.....	<u>Yes</u>	✓
<b>DOUBLE BOTTOM.</b>			<b>BEAMS.</b>		
<b>Upper Bottom.</b>			<b>Uppermost Continuous Deck, amidships</b>	<u>7 3 1/2 .45</u>	✓
" Depth and thickness at mid-line in Holds .....	✓	✓	" " in way of Bridge, Angle, <u>[ or [</u> .....	✓	✓
" Height of Brackets at side above base line at toe of frame .....	✓	✓	" Spacing .....	<u>Every</u>	✓
<b>Lower Line Keelson, on Floors, Angles, [ or [</b> .....	✓	✓	<b>Second Deck, amidships, Angle</b> <u>E or [</u> .....	<u>8 3 .38</u>	✓
" " Through Plate or Intercostal Plate... ..	✓	✓	" Spacing.....	<u>Every</u>	✓
" " Foundation Plate on Floors .....	✓	✓	<b>Third Deck, amidships, Angle, [ or [</b> .....	✓	✓
" " Flat Plate Keel Angles .....	✓	✓	" Spacing.....	✓	✓
<b>Keelsons, No. each side</b> .....	✓	✓	<b>Fourth Deck, amidships, Angle, [ or [</b> .....	✓	✓
" thickness of Intercostal Plate...	✓	✓	" Spacing.....	✓	✓
" Angles .....	✓	✓	<b>Poop Deck, Angle, [ or [</b> .....	✓	✓
<b>DOUBLE BOTTOM.</b>			" Spacing.....	✓	✓
<b>Solid Floors, thickness and spacing</b> .....	<u>.42. Every 3"</u>	✓	<b>Bridge Deck, Angle, [ or [</b> .....	✓	✓
" " Are Frame and Reversed Frame joggled?.....	<u>Yes</u>	✓	" Spacing.....	✓	✓
<b>Bracket Floors, breadth and thickness at middle line</b> .....	<u>32 1/2" x .42.</u>	✓	<b>Forecastle Deck, Angle, [ or [</b> .....	✓	✓
" " breadth and thickness at margin plate.....	<u>32 1/2" x .42.</u>	✓	" 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.
<b>PILLARS, No. of Rows.....</b>	One	✓	Stringer Plate, breadth and thickness in way of Bridge .....	✓	
„ in 'tween Decks, Size and Spacing .....	5 5 44 alternate	✓	Thickness of Plating abreast Deck openings in way of Wells .....	36	✓
„ „ „ „ „			Thickness of Plating abreast Deck openings in way of Bridge .....	✓	
„ in Holds „ „	C.L. Bulkhead	✓	Thickness of Plating within line of openings...	34	✓
„ „ „ „ „			If Sheathed, material and thickness .....	✓	
<b>Centre Line Bulkhead.</b>			<b>Third Deck.</b>		
Stiffeners and Spacing.....	12x12x4x54/60 ch. 10 b x 3 x 34 13-9 Every 80	✓	Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	30	✓	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	68 x 59	✓	If Plated, state thickness .....	✓	
„ „ „ „ in way of Bridge	✓		<b>Poop Deck.</b>		
„ Angle in Wells .....	6 6 58	✓	Stringer Plate, breadth and thickness .....	✓	
Thickness of Plating abreast Deck openings in way of Wells .....	54	✓	Plating, Sheathing, material and thickness ..	✓	
Thickness of Plating abreast Deck openings in way of Bridge .....	✓		<b>Bridge Deck.</b>		
Thickness of Plating within line of openings...	38	✓	Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness .....	✓		Plating, Sheathing, material and thickness ..	✓	
<b>Second Deck.</b>			<b>Forecastle Deck.</b>		
Stringer Plate, breadth and thickness in Wells...	70" x 40	✓	Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness ..	✓	

## SHELL PLATING.

[illegible]

## WATERTIGHT BULKHEADS.

## FORGINGS and CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—		Casting or Forging.		Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
Extending to Upper Deck (Sec. 3 c)	1					
" Deck next below	6					
As per Rule	7					

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKH'D, Upper tween decks	✓				
" " Second "	✓				
" " Third "	✓				
" " Holds	✓	39-30	12x3½x3½x36/50	24"	Girders 39"x44"
COLLISION " (in Hold)		54-26	10x3½x4x39	24"	Chain plates 7x1"
AFTER PEAK " "		42-30	8x3x39x39	24"	Semi bulkheads

		Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar		Keel Bar	9 3/4 x 2 3/4		
STEM					
STERN FRAME	Propeller Post	Cast	16 1/2 x 12	Nederlandsche	
	Rudder "	Steel		Staalfabriek	
Speed of Vessel			10 3/4 Knots		
RUDDER—Type			Latin Patent		
" A x D			✓		
" Diam. of head		Forged	7 3/4	Y.S.	
" Mainpiece at top pintle		Steel	11 1/2	Forster	
" " heel			8 1/4		
" how constructed			Pintle at bottom		
" double or single plate			Double 4 1/4		
" 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.

Has the Steel been tested as required by the Rules?







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.)

Section 20A have been complied with as regards the carriage of Vegetable Oil in the deep tanks.

The following forging certificates are enclosed:—

Stemframe, Rudder, Rudder arms, quadrant, tiller

Sister Ship M. V. "Ripley" Sld B/P No 31982.

Overall length:— 439' 3".

Rpt. 4b.

Date

No.

Reg.

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Eng.

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5c.11.36.

Received by

VESSEL'S

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

Carrying Vegetable Oil in deep tanks

Including pin

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

1st Bower

45-0-14, W.H. 6143. 24.12.36.

2nd "

44-3-21, W.H. 6141. 24.12.36.

3rd "

36-2-21, W.H. 6310. 5.2.37.

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

No. and Material of Decks 1 DECK (STL) & SHELTER DECK (STL).

Official No.

Signal Letters

L. J. O. X

Is bottom of vessel coated with cement

if not give

particulars of composition

Cement in way of water ballast and in keels

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	123.	334	Fore peak tank,		
Double bottom, under Engines and Boilers, machinery	31	118	After peak tank,		
Double bottom, if under Engines only,	—		Deep tank, aft, amidships.	44	1,236
Double bottom, if under Boilers only,	—		Deep tank, forward,		
Double bottom, forward,	192	722	Other tanks, if fitted,		
	Total capacity of double bottom	1,174	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5841

Date 17.12.36

Dates of Surveys held while building

1936. Dec. 11. 19. 22. 30. 1937. Jan. 4. 11. 13. 15. 18. 22. 25. 26. 27. Feb. 1. 2. 3. 9. 11. 16. 18. 22. 24. 26. Mar. 1. 2. 3. 4. 5. 11. 12. 18. 19. 22. 23. 24. 25. 30. Apr. 1. 5. 6. 7. 9. 14. 21. 23. 26. 28. May. 8. 10. 6. 7. 10. 13. 19. 21. 25. 27. June 3. 7. 8. 11. 21. 25. July 1. 22. 26. 28. Aug. 4. 6. 10. 12. 13. 16.

Total No. of Visits 73