

# With or Without Disconnected Erections.

## STEEL STEAMER.

Received at LONDON Office SAT 23 JUN 1923

Date of completion of report 22/6/23 Port of NEWCASTLE-ON-TYNE No. 76833  
 Survey held at Newcastle-on-Tyne Date, First Survey 10 January 1921 Last Survey 19 June 1923  
 On the (State if Single, Twin, or Triple Screw) Single Sc. "OILFIELD" Rig Fore & aft  
 TONNAGE under 4406.71 CLASS +100-A-1 Master J. S. Love  
 Tonnage Deck 1035.53 Breadth (greatest moulded) 51.00 Year of appointment 1923  
 Do. between Tonnage Deck and 3rd and 4th Dk. 211.64 Depth, at middle of length from top of keel to top of upper deck beams at side 30.75  
 Total under Upper Deck 385.87 Transverse Number 81.75 Built at Willington Quay  
 Do. of Poop 101.49 Length on deck from fore part of stem to after part of stern post 365.0 When built 1923 Launched 1st May 1923  
 Do. of R.C.M. 72.70 Longitudinal Number 29838 By whom built Tyne Iron Ship Building Co  
 Do. of Forecastle 5.99 Depth "d," at middle of length (See Secs. 2 & 13) 11.8 Owners Northern Petroleum Tank S.S. Co Ltd  
 Do. of HATCHWAYS 101.40 Proportions—Depths to Length—Upper Deck Beam at side to top of keel 11.8 Managers Hunting & Son  
 Do. above Crown of Engine Room 131.35 Port belonging to Newcastle  
 Gross Tonnage 5387.15 Residence Newcastle-on-Tyne  
 Less Crew Space 242.18  
 Less above Crown of Engine Room 1723.89  
 TONNAGE FOR FEES 358.16  
 Less Engine Room 3062.92  
 Less Navigation Spaces 3062.92

LENGTH on Deck as per Rule	BREADTH—Moulded	DEPTH, ACTUAL—Top of Floors to top of Upper Dk. Beams	No. of Decks with flat laid	No. of Tiers of Beams
365 0	51 0	30 7	2	2

Dimensions of Ship per Register. Length 365.2 breadth 51.3 depth 30.7 Moulded depth, ft. 30 ins. 9 To Bridge Dk. Round of Upper Dk. Beam, Actual 12 1/2 ins.

FRAMING.	PILLARS.	KEELSONS & STRINGERS.
<b>FRAME, Angles, or [ or ] Bars amidships</b> <u>Longitudinal Framing.</u> Do. in peaks <u>B.A.</u> <u>7 1/2</u> <u>3 1/2</u> <u>40</u> <u>7 1/2</u> <u>3 1/2</u> <u>40</u> Do. in way of Double Bottoms at Solid Floors <u>IN ENGINE &amp; BOILER SPACE</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> " " at intermdt. Bkts. <u>NEAR SP.</u> <u>32</u> <u>32</u> Spacing of Frames from centre to centre <u>from 1/2</u> <u>length to Collision bulkhead</u> <u>24</u> <u>24</u> <b>REVERSED FRAME, Angles.</b> <u>IN E &amp; B SPACE</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>50 B</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>50</u> Do. in way of Double Bottoms at Solid Floors <u>at intermdt. Bkts.</u> <b>FRAMING, depth of girder</b> <b>FLOORS, depth and thickness of Floor Plate</b> <u>at mid-line for 1/2 length amidships</u> " in way of Engine and Boiler Spaces " thickness at the ends of vessel " depth at 1/2 the half breadth, as per Rule " height extended at the Bilges <b>FLOORS in Cell. Double Bottoms.</b> <u>IN E &amp; B SP.</u> <u>40 E</u> <u>50 B</u> <u>40</u> <u>50</u> " state if flanged (top & bottom) <u>Not flanged.</u> " Spacing of Solid floors <u>E &amp; B SPACE</u> <u>4 1/2</u> <u>50 E</u> <u>60 B</u> <u>50 E</u> <u>60 B</u> <b>CENTRE GIRDER, in Dbl. bottom, dpth. &amp; thcknss.</b> <u>Double</u> <u>3 1/2</u> <u>3 1/2</u> <u>48 E</u> <u>60 B</u> <u>3 1/2</u> <u>3 1/2</u> <u>48</u> <u>60</u> " Angles, Top <u>4 1/2</u> <u>4 1/2</u> <u>56</u> <u>4 1/2</u> <u>4 1/2</u> <u>56</u> " Bottom <u>3 1/2</u> <u>3 1/2</u> <u>50</u> <u>3 1/2</u> <u>3 1/2</u> <u>50</u> " to Floors <u>3 1/2</u> <u>3 1/2</u> <u>50</u> <u>3 1/2</u> <u>3 1/2</u> <u>50</u> " Brackets at intermdt. frmg., wdth & thcknss <u>Not flanged.</u> <b>SIDE GIRDERS, number on each side &amp; thickness</b> <u>2</u> <u>48</u> " state if flanged (top and bottom) <u>Not flanged.</u> " Angles (top and bottom) <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>50</u> " to Floors <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>50</u> <b>MARGIN PLATE, depth (exclusive of flange) and thickness</b> <u>1 1/2</u> <u>46</u> <u>56 B</u> <u>3 1/2</u> <u>3 1/2</u> <u>46</u> " Angle to Outside Plating " Floors " Brackets at intermdt. frmg., wdth & thcknss " Height of Outside Brackets above at bilge <b>INNER BOTTOM PLATING, breadth and thickness of Middle Line Strake</b> <u>42</u> <u>50 E</u> <u>56 B</u> <u>42</u> <u>50</u> <u>56</u> " Remainder in Hold <u>48 E</u> <u>56 B</u> <u>48</u> <u>56</u> <b>BEAMS, Upper Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel</b> " In way of Long Bridge " Spacing <b>BEAMS, Second Deck, Single Angle, Bulb, Angle, Plate, Tee Bulb, or Channel</b> " Spacing <b>BEAMS, Third and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> " Angles on upper edge " Spacing <u>Longitudinal</u> <b>BEAMS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> <u>7 1/2</u> <u>3</u> <u>40</u> <u>7 1/2</u> <u>3</u> <u>40</u> " Angles on upper edge <u>elsewhere</u> <u>6</u> <u>3</u> <u>32</u> <u>6</u> <u>3</u> <u>32</u> " Spacing <u>2.6</u> <u>2.6</u> <b>BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> <u>9</u> <u>3 1/2</u> <u>46</u> <u>9</u> <u>3 1/2</u> <u>46</u> " Angles on upper edge <u>on alternate frames</u> " Spacing <u>Longitudinal</u> <b>BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel</b> <u>6</u> <u>3</u> <u>35</u> <u>6</u> <u>3</u> <u>32</u> " Angles on upper edge <u>2.6</u> <u>2.6</u>	<b>PILLARS In 'tween Deck, size and spacing</b> <u>Trunk</u> <u>Sides</u> " Hold <u>Centre Line</u> <u>Bulkhead</u> " Quarter 'tween Dks., " " " in Hold " " <b>KEELSONS &amp; STRINGERS.</b> <b>CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate</b> <u>Centre Line</u> <u>Bulkhead</u> " Rider Plate " Flat Plate Keel Angles <u>Double</u> <u>6</u> <u>6</u> <u>56</u> <u>6</u> <u>6</u> <u>56</u> " Horizontal Plates on Floors " Angles or Bulb Angles <b>SIDE KEELSONS, Number</b> <u>one each side</u> " Angles or Bulb Angles <u>at top</u> <u>3 1/2</u> <u>3 1/2</u> <u>44</u> <u>3 1/2</u> <u>3 1/2</u> <u>44</u> " Plate above floors, for strap length <u>44</u> <u>44</u> " Intercoastal Plate, for length of tanks length <u>40</u> <u>40</u> " Attached to outside Plating with Angle <u>3 1/2</u> <u>3 1/2</u> <u>44</u> <u>3 1/2</u> <u>3 1/2</u> <u>44</u> <b>BILGE KEELSON, Angles</b> " Intercoastal Plate for length " Attached to outside Plating with Angle <b>SIDE STRINGERS, Number</b> " Angle " Intercoastal Plate, for length " Attached to outside plating with Angle	<b>Upper Deck Stringer Plate, br'dth &amp; thickness</b> <u>59</u> <u>60</u> <u>54</u> <u>56</u> " (clear of Bridge) " br'dth & thickness <u>72</u> <u>in Bridge &amp; at Poop front</u> <u>70</u> " (in way of Bridge) <u>6</u> <u>6</u> <u>44</u> <u>6</u> <u>6</u> <u>44</u> " Angle (clear of Bridge) " Tie Plate at sides of Hatchways " Deck. * Iron or Steel, for <u>full</u> lng. <u>44</u> <u>32</u> <u>38</u> <u>32</u> " Thickness (clear of Bridge) <u>44</u> <u>38</u> " (in way of Bridge) " Wood Deck. Material & thickness <b>Second Deck Stringer Plate, br'dth &amp; thickness</b> <u>52</u> <u>42</u> <u>46</u> <u>42</u> " Angles on ditto, No. <u>one</u> <u>6</u> <u>6</u> <u>44</u> <u>6</u> <u>6</u> <u>44</u> " Tie Plates outside Hatchways " Deck. * Iron or Steel, for <u>full</u> lng. <u>38</u> <u>30</u> <u>38</u> <u>30</u> " Wood Deck. Material & thickness <b>Third Deck Stringer Plate, br'dth &amp; thickness</b> " Angles on ditto, No. " Tie Plates, outside Hatchways " Deck. * Material and thickness <b>Fourth and Fifth Deck Stringer Plate, breadth &amp; thickness</b> " Angles on ditto, No. " Tie Plates outside Hatchways " Deck. Material & thickness <b>Poop Deck Stringer Plate, breadth &amp; thickness</b> <u>57</u> <u>38</u> <u>30</u> <u>30</u> " Angle on ditto <u>5 1/2</u> <u>44</u> <u>6</u> <u>3 1/2</u> <u>34</u> " Tie Plates <u>3 1/2</u> <u>3 1/2</u> <u>34</u> <u>3 1/2</u> <u>3 1/2</u> <u>34</u> " Deck. Material and thickness <u>Steel</u> <u>42</u> <u>30</u> <u>30</u> <b>Bridge Deck Stringer Plate, br'dth &amp; thickness</b> <u>40</u> <u>40</u> <u>39</u> <u>40</u> " Angle on ditto <u>3 1/2</u> <u>3 1/2</u> <u>40</u> <u>3 1/2</u> <u>3 1/2</u> <u>40</u> " Tie Plates " Deck. Material and thickness <u>Steel + P.P.</u> <u>26</u> <u>25</u> <u>26</u> <u>26</u> <u>26</u> <u>26</u> <b>Forecastle Deck Stringer Plate, br'dth &amp; th'kns</b> <u>34</u> <u>34</u> <u>34</u> <u>34</u> " Angle on ditto <u>3 1/2</u> <u>3 1/2</u> <u>34</u> <u>3 1/2</u> <u>3 1/2</u> <u>34</u> " Tie Plates " Deck. Material and thickness <u>Steel + P.P.</u> <u>25</u> <u>25</u> <u>25</u> <u>25</u> <u>25</u> <u>25</u>



[illegible]

EQUIP	
Number of Certificate.	
37371	
37361	
37362	
-	
37356	
-	
Particulars	
Cast S	
Weight	
Number	
of Test	
-	
Number of Certificate	
32993	

  

Framing
Frames in
Frames fr Deck
Spacing
Longitudi
Frames
Double Bottoms
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In Bridge
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To the







EQUIPMENT No. 31980.			LETTER X			ANCHORS.			TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS		
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			Description of Anchor.
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	
37371	1st Bower	57	0	12	✓	✓	✓	46	14	0	Byers Stockless
37361	2nd "	56	3	0	✓	✓	✓	46	9	1	"
37362	3rd "	48	1	0	✓	✓	✓	41	5	2	"
	4th "										"
	Collective weight.	162	0	12					160	0	
37356	Stream	15	0	14	13	3	4	16	12	0	Iron Stockless
	Kedge										"

Particulars of Drop Test of Cast Steel Anchors, viz. :— Weight, Surveyor's Initials, Number of Certificate, Date of Test.	1st Bower 34 cwt 1 qr. J.O. 3247. 5.4.19. 2nd " 34 cwt 1 qr 14 lbs J.O. 3435. 23.5.19. 3rd " 29 6875 cwt. CEW. 663. 13.5.20. 4th "
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CHAIN CABLES.										HAWERS AND WARPS.									
Number of Certificate.	Length and size supplied.		Test per Certificate.		WEIGHT OF CHAIN CABLE.		Length and size per Table 31.		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 31.		Description.
	Fathoms.	Ins.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Cwts.	Fathoms.	Ins.	
32993	270	2 1/2	81 1/2	113 3/4	620.3	0.608	2.14	270	2 1/2	Stud Link on certificate	C.H. 29.3.22. S.C. Paul	TOWLINE	120	4 1/2	39	120	4 1/2		
	90	4 1/2	39					90	4 1/2	Steel wire R. Hood/Haggie			40	90	7	40	90	7	

Boats 2 Lifeboats 25-0. 2 Cutters 20-0. Steering Gear, Steam *Hastie* Steering Gear, Hand *Combined*  
Pumps, Number *none* Diameter of Barrel *State whether they are in efficient working order*  
Windlass is *Steam. Emerson Walker, Thompson Bros.* Capstans *3.*  
Engine Room Skylights.—How constructed? *Steel plates & angles* What arrangements for deadlights in bad weather? *Bullseyes.*  
Bunker Openings.—How constructed? *Steel casings* How are lids secured? *Turnbuckles.* Height above deck? *30.*  
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *7 scuppers each side - open rails.*  
Ceiling in Holds, thickness and material *Cargo Batts, thickness and material*  
Cargo Hatchways.—How formed? *Steel plates & angles.* Hatches, If strong and efficient? *yes.*  
State size No. 1 Hatch (Forward) *8' 3" x 15' 8"* No. 2 Hatch *No. 3 Hatch* No. 4 Hatch  
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch *No. 1 Hatch. 1 web 15' x 32".*  
No. of Breasthooks *10 - in. deck.* No. of Crutches *deep floors.*  
Bulwarks, height above deck and description *open rails fore & aft.* Main Rail, material and size *✓*  
The foregoing is a correct description. *✓*  
Builder's Signature (here only) *A. Thomson.* Surveyor's Signature *S. J. Robson. Alex. Munro*  
Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case) *24.6.20 M.*  
*20.7.20, 7.9.20, 16.11.20, 22.11.20, 18.12.20, 23.4.21, 21.7.21. 15.11.21 E, 26.4.23.*

Workmanship. Are the butts of plating planed or otherwise fitted? *Planed.*  
Is the riveted work properly closed? *yes.*  
Are the liners between the frames and plates solid single pieces? *yes.* Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? *yes.*  
Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? *yes.* Do any rivets break into or through the seams or butts of the plating? *a few.*  
Are the butts of Plating, Stringers, &c., properly shifted and strapped? *yes.*  
Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? *yes.* State results of tests *good.*  
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *yes.* State results of tests *good.*

General Remarks (State quality of workmanship, &c.) *The workmanship and materials are good. This vessel has been built in accordance with the accompanying plans and the Secretary's letters dated as above, and in conformity with the Rules for the class contemplated. All the oil compartments, cofferdams, summer tanks, oil fuel bunkers, deep tank and double bottom tanks, aft have been tested to Rule Requirements and found satisfactory. The scantlings and arrangements in machinery space and forward of machinery space are as approved. The scantlings of the centre line & transverse bulkhead plating and stiffeners at fore end increased above floor plate and lowest stiffeners as per Rule and webs increased in depth on account of increased depth due to sheer. On completion the vessel was placed in dry dock and the bottom*  
*The Surveyor should state the Number of Report and Name of any Sister Vessel.*  
*Plans to be forwarded with F.E. Report showing vessel as built.*

Freeboard Fee £ 11 : 0 : 0 Fees applied for, *22/6/23.*  
The amount of Entry Fee ..... £ 9 : 0 : 0 Received by me, *1/7/23*  
Special Survey Fee.... £ 50 : 2 : 0 *Full & Machinery* Certificate to be sent to *Newcastle.* Date of issue *17/7/23*  
Travelling Expenses, if any £ : : :  
State whether the Vessel has been built under Special Survey *yes.*  
I am of opinion this Vessel should be Classed *+100 A.I. Carrying petroleum in bulk. Long framing. Fitted for oil fuel 6.23. P. above 150.*  
With, or without Freeboard, as condition of Class *with*  
*S. J. Robson. Alex. Munro*  
Surveyor to Lloyd's Register of Shipping.

Committee's Minute *FRI. 29.11.1923*  
Character assigned *100 A.I. Carrying petroleum in bulk.*  
*Lloyd's ass. P.* *Fitted for oil fuel 6.23. P. above 150.*  
*Wm. R. W. C.*  
*+ L.D. 6.23*  
*F.D. C.L. 2R.*  
*© 2021*



GENERAL REMARKS—(continued).

and rudder, cleaned, examined and re-coated. ✓  
 Settling tanks tested and Section 49 of the Rules generally  
 complied with. ✓  
 Plans 14 in number enclosed also 4 forging reports. ✓

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 92.75 ft., R.Q.D. — ft., Bridge 28.5 ft., Forecastle 39.6 ft.  
 (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated *not joined*.

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given as  
 should appear in the Register Book) 2 Dks. (Stl). ✓  
 Official No. 145529; Signal Letters State if Machinery is fitted aft *yes*.  
 How are the surfaces preserved from oxidation? Inside *Paint + cement clear of oil*. Outside *Paint*.

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors *cellular*

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	17.0	122
Double bottom, under Engines and Boilers,			After peak tank,	14.0	22
Double bottom, if under Engines only, (FEED WATER) 26.8" ✓	55		Deep tank, aft,	34.3	279
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	Total capacity of double bottom	55	(If necessary, furnish further information by sketch.)		

\* The wells are not to be included in the lengths of the tanks.

State whether the above have been tested as required by the Rules *yes*.

Order for Special Survey No. 4925  
 Date 4/9/20  
 No. 224 in builder's yard.  
 DATES of Surveys held while building  
 1921 Jan. 10. 12. 17. 20. 21. 24. 26. Feb. 2. 3. 5. 16. 23. 25. Mar. 1. 3. 7. 10. 16. 21. 23. April 4. 8. 14. 20. 25. May 5. 12. 24. June 7. 9. 15. July 7. 12. 14. 1922 Jan. 9. 11. 19. 23. 31. Feb. 13. 19. 30. Oct. 4. 7. 10. 11. 13. 17. 18. 19. 20. 25. Nov. 5. 14. 16. 30. Dec. 1. 6. 19. Jan. 9. 28. 30. Feb. 13. 5. 10. 13. 15. 17. 18. 20. 21. 23. 24. 1923 Jan. 3. 7. 9. 10. 13. 14. 15. 16. 20. 21. 23. 31. April 3. 5. 7. 10. 11. 20. 26. 28. May 3. 9. June 2. 9. July 17. 27. Aug. 14. Oct. 5. 10. 12. Nov. 3. 10. 14. Dec. 19. Jan. 16. April 24. May 1. 9. 16. 17. 24. 31. June 5. 7. 11. 13. 14. 19.

Surveyor's Signature

S. J. Robson. Alex. Munro

Total No. of Visits 128

Foundation