

STEEL STEAMER or MOTORSHIP.

Received at London Office NOV 13 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 Nov 12th 1937Port of SunderlandNo. 32,235Survey held at SunderlandDate First Survey 13th AprilLast Survey 10th November 1937.On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) M.V. "ETTRICK BANK" Single Screw.State Type (Full Scantling, Complete Superstructure with or without Tonnage Opening) Complete Superstructure with Tonnage Opening State Type of Erections C.S.S.TONNAGE under Tonnage Deck... 4696.89.CLASS A100A1State if with freeboard as condition of Class yesBuilt 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 415.0.Launched 25.8.37. Yard No. 637.

Breadth (greatest moulded)

B 55.21.Builders Messrs W. Duxford & 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 37.12.Owners Shrew Transport & Trading Ltd

Total

Gross Tonnage 5138.12.Register Tonnage 3039.94.1st Longitudinal Number (L x D) = 15,193.2nd Numeral L x (B + D) = 38,109.

Managers

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

REGISTERED DIMENSIONS.

FEET.

Length 423.20.Breadth 55.50.Depth 24.70.

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

25.02.

Residence

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

11.18Port of Registry Glasgow.

If surveyed while building, afloat, & in dry dock

Draught Moulded 25' 3 1/4"yes.

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	<u>31 1/2</u>	✓	Bracket Floors, Frame B.A.N.B.S.	<u>6 3 1/2 .38</u>	✓
" " from 2/3 length to Collision bulkhead	<u>27</u>	✓	" " Reversed Frame	<u>6 3 .34</u>	✓
" " in peaks	<u>24</u>	✓	" " Vertical Struts	<u>8 x 3 1/2 x 3 1/2 x 42</u>	✓
SIDE FRAMING.			Centre Girder, depth and thickness amidships	<u>4 3 1/4 x .54</u>	✓
Frame Amidships, Angle, [or]	<u>12 x 4 x 4 x .62</u>	✓	" " top Angles	<u>3 1/2 3 1/2 .42</u>	✓
" " Extends up to	<u>2 1/2 8</u>	✓	" " bottom Angles	<u>4 4 .59</u>	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	<u>6 no .38</u>	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	<u>4 3' x .54</u>	✓
Depth of Framing Girder	<u>12.</u>	✓	" " Vertical Angle to Tank side Bracket abaft 1/4 len. from stem	<u>6 6 .44</u>	✓
Frames in Uppermost Continuous 'tween Decks, Angle, [or]	<u>6 3 1/2 .35</u>	✓	" " Vertical Angle to Tank side Bracket forward 1/4 len. from stem	<u>6 6 .44</u>	✓
" " Second 'tween Decks, Angle, [or]	✓		" " Gussets, spacing and scantling abaft 1/4 len. from stem	<u>.42 plate</u>	✓
" " Third " " " "	✓		" " Gussets, spacing and scantling forward 1/4 len. from stem	<u>.42 plate</u>	✓
Framing in Peaks, Angle or [N.B.S.	<u>8 3 1/2 .37</u>	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	<u>6 9 1/2 x .45</u>	✓
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<u>7/8 - 5 5/8</u>	✓	INNER BOTTOM PLATING.		
State if Frame Joggled	<u>yes</u>	✓	Breadth and thickness of Middle Line Strake	<u>7 2 x .50</u>	✓
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	<u>Peak 3 Stringers 3 1/2 x .34 ✓ Bearing 9 x 3 1/2 x .44 B.S. ✓ Hogging 12 x 4 x .44 .62 ✓ Sagging 12 x 4 x .44 .62 ✓ Frame 6 Stringers 6 x 6 x .44 ✓ Shell .66 ✓ 4 girders each side 3' 6" apart</u>	✓	Thickness of remainder in Holds	<u>.44</u>	✓
STRENGTHENING OF BOTTOM FORWARD. State Particulars			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>	✓
SINGLE BOTTOM.			BEAMS.		
Floors, Depth and thickness at mid-line in Holds	✓		Uppermost Continuous Deck, amidships	<u>7 3 1/2 .48</u>	✓
Height of Brackets at side above base line at toe of frame	✓		" " in Wells, Angle, [or]	✓	
Middle Line Keelson, on Floors, Angles, [or]	✓		" " in way of Bridge, Angle, [or]	✓	
" " Through Plate or Intercoastal Plate	✓		Spacing	<u>Every</u>	✓
" " Foundation Plate on Floors	✓		Second Deck, amidships, Angle, [or]	<u>8 3 .47</u>	✓
" " Flat Plate Keel Angles	✓		Spacing	<u>Every</u>	✓
Side Keelsons, No. each side	✓		Third Deck, amidships, Angle, [or]	<u>8 3 .37</u>	✓
" " thickness of Intercoastal Plate	✓		Spacing	<u>Every</u>	✓
" " Angles	✓		Fourth Deck, amidships, Angle, [or]	✓	
DOUBLE BOTTOM.			Spacing	✓	
Solid Floors, thickness and spacing	<u>.42 Every 3' 11"</u>	also see plans	Poop Deck, Angle, [or]	✓	
" " Are Frame and Reversed Frame joggled?	<u>yes</u>	✓	Spacing	✓	
Bracket Floors, breadth and thickness at middle line	<u>3 2 1/2 x .42</u>	✓	Bridge Deck, Angle, [or]	✓	
" " breadth and thickness at margin plate	<u>3 2 1/2 x .42</u>	✓	Spacing	✓	
			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.
PILLARS, No. of Rows.....	Cone.		Stringer Plate, breadth and thickness in way of Bridge	✓	
„ in 'tween Decks, Size and Spacing.....	8x3½x13½x½ C.P. ✓ to 5x5x14x½ ✓ 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		
Centre Line Bulkhead.			Orlop Third Deck. 17 way of No. 1 Hold.		
Stiffeners and Spacing.....	10x3½x160 to 6x3x30 B.A. ✓ every 30. ✓ also see plans		Stringer Plate, breadth and thickness.....	34	✓
Plating, thickness of			If Plated, state thickness.....	30	✓
STRINGERS AND DECKS.			Fourth Deck.		
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	68"x.59. ✓		If Plated, state thickness	✓	
„ „ „ „ in way of Bridge	✓		Poop Deck.		
„ Angle in Wells	66 .60 ✓		Stringer Plate, breadth and thickness	✓	
Thickness of Plating abreast Deck openings in way of Wells60 ✓ 10" above Rule for Laminated Plating		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings in way of Bridge	✓		Bridge Deck.		
Thickness of Plating within line of openings...	.43 ✓ 10" above Rule for Laminated Plating		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness	2½" G.P. ✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.		
Stringer Plate, breadth and thickness in Wells...	71½" 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—		Plating Thickness.		STIFFENERS.			
				VERTICAL.		HORIZONTAL.	
				Scantlings.	Spacing.	Scantlings.	Spacing.
Extending to Upper Deck (Sec. 3 c)							
,, Deck next below							
As per Rule							
MIDSHIP BULKHD, Upper tween decks		✓					
,,	Second ,,	✓					
,,	Third ,,	✓					
,,	Holds 14-26	49-66	12x3 1/2 x 3 1/2	40	30"		
COLLISION ,, (in Hold)		54-29	11x3 1/2 x 5 1/2	56	24"	Chamberlain	7/8"
AFTER PEAK ,,		75-30	8x3 x 3 1/2	54	24"	Recessed.	

STEEL.

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

Cargo Keet, South Durham, Consett Iron
Skunnyrore, Coleridge, Appleby, Frodingham

Has the Steel been tested as required by the Rules?

yes.

Open-Hearts

Lloyd's Register
Foundation

EQUIPMENT No 38,613 ✓										LETTER 91 ✓		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.	
37,195.	1st Bower	68	1	7	✓	✓		52	18	3	0	✓	Byers Smp ^d 26 lb	✓	L.P.H.S 26.5.37 J.H.B.	
37,194.	2nd "	68	1	0	✓	✓		52	15	2	14	✓	" " "	✓	L.P.H.S 25.5.37 J.H.B.	
24,919.	3rd "	58	3	14	✓	✓		47	13	3	0	✓	" " "	✓	L.P.H.L.W. 16.6.37 A.G.	
	Collective weight.	195	1	21	✓	✓						✓	194-2-0 ✓			
50,593.	Stream	19	2	0	✓	✓	5 0 2	20	6	1	0	✓	19-0-0 ✓	Ordinary	✓	L.P.H.C.H. 13.7.37 G.C.P.

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.	Statu-tory.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.	Length.					Cir.	Length.		Cir.		
	Fathoms.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Cwts.	Fathoms.	Ins.				Fathoms.	Ins.	Tons.	Fathoms.	Ins.	
19637	135	2 7/8	96 1/4	134 3/4	364	2	14			Stud-Run	✓	L.P.H.S. 14.9.37 J.H.B.	TOWLINE	120	5	70.9	120	4 3/4	
19638	135	2 7/8	96 1/4	134 3/4	364	1	21	720-3-0	270	2 5/8	✓	L.P.H.S. 16.9.37 J.H.B.	HAWSERS & WARPS	20180	3	18.6	2090	2 3/4	
															20180	2 3/4	15.2	2090	2 1/2
		Cir.								Cir.			"						
Iron Stream Chain or Steel Wire	90	5	528						90	5	✓		"						

Steering Gear, Steam Messrs Donkin & Co Steering Gear, Hand Auxiliary block and tackle.
Boats Four 25 ft lifeboats Steering Chains, Size and Test Tele-motor Windlass Ermenonville & Co
Ceiling in Holds, thickness and material 2 1/2" W.W Cargo Battens, thickness, material and spacing 6"x2" 9' 0" piece in hold as well as 2 1/2" x 3/4" close running beam ends
Cargo Hatchways.-(Upper Deck) Steel plates angle 'Reith' patent Thickness of Hatches 3"
Size of No. 1 Hatchway (Forward) 31'-6"x22'-0" No. 2 31'-6"x22'-0" No. 3 31'-6"x22'-0" No. 4 13'-1 1/2"x22'-0" No. 5 31'-6"x22'-0" No. 6 31'-6"x22'-0"
Number of Shifting Beams and for Fore and Afters No. 1-5, No. 2-5, No. 3-5, No. 4-2, No. 5-5, No. 6-5.

WILLIAM DOXFORD & SONS, Limited.
Builder's Signature Ramsay Ellice

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 Motor ship
(b) whether the vessel, not being an oil tanker, is fitted for carrying oil as cargo Yes. In Deep tank. The positions in which oil is carried as fuel or cargo should be indicated, together with the flash point.

All double bottom tanks in way of holds, part of double bottom tank in way of machinery space and the after peak tank are fitted for oil fuel for the machinery. The deep tank is fitted for the carrying of fuel oil and the fore peak for water. The vessel has been constructed in accordance with the approved plans, the Secretary's letters to the Society's Rules. The materials and workmanship are good. The freeboard marks have been reinforced and cut in on the vessel's sides. The double bottom tanks, deep tank ports at starboard and fore and after peak tanks have been tested and found in order. The tunnel, deck, bulwarks, hand pump and watertight door have been tested and found in order. The windlass and steering gear have been tried under steam. The auxiliary gear has been rigged and tried. The requirements of Sec: 20 have been complied with for the carriage of oil as cargo in the deep tank. The following forging reports are enclosed: - Stern frame, Rudderhead, Rudder frame, Quadrant tiller. The vessel has been placed in dry dock and Report form is forwarded. Overall length 438 ft 7 ins.

The amount of Entry Fee £ 9 : : :	Fees applied for, <u>NOV. 1937</u>	(Special notations, where part of class, to be stated.)
Special Survey Fee.... £ 328 : 9 : :	Received by me, <u>13.11.1937</u>	I am of opinion the Vessel should be Classed <u>+100A1.</u>
<u>Freeboard Fee</u> 16 : : :	<u>15/11</u>	<u>with freeboard.</u>
Travelling Expenses, if any £ : : :		
State whether the Vessel has been built under Special Survey <u>Yes.</u>	Signature <u>Colin Bartlett</u>	Surveyor to Lloyd's Register of Shipping.
Certificate to be sent to <u>SUNDERLAND.</u> Date of issue <u>22/11/37.</u>		

FRI 19 NOV 1937

Committee's Minute
Character assigned +100A1
With freeboard
Carr: Cargo oil 7.5. abas 150° F. in Deep tank
Carr: latex in fore peak tank
Lloyd's arch. of Subject + Limb. 11.37
oil rig,
2 D.B. - 120 lbs

Write by W.H.
" M.H.

Lloyd's Register Foundation

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.)

Sister Ships:— M. V. Eschbank. M. V. Leesbank
The builders state that this vessel was contracted for before the requirements of Circular 1683 came into force and a letter to this effect is enclosed.

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

Carrying fuel oil F.P. above 150° F in Deep Tank.
Carrying water in the Fore Peak Tank.
Quiescent Stern

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

1st Bower

2nd "

3rd "

Including pin

44-1-0. H.R. 6408. 26.2.37

43-0-14. H.R. 6409. 26.2.37

37-3-7. H.R. 6433. 5.3.37

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 DK: (STL) & SHELTER DK: (STL) 3rd Dk: No 1 Hold

Official No. : Signal Letters

Is bottom of vessel coated with cement no. fuel oil. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,	131	401	Fore peak tank,		150
Double bottom, under Engines and Boilers, Machinery	42	223	After peak tank,		190
Double bottom, if under Engines only,			Deep tank, aft, above machinery space.	29	1,132
Double bottom, if under Boilers only,	174	687	Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
	347	Total capacity of double bottom 1,311	(If necessary, furnish further information by sketch.)		

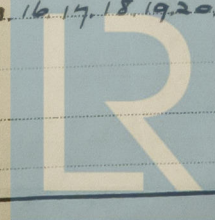
* The wells are not to be included in the lengths of the tanks (See Circular No. 1284).

Order for Special Survey No. 5840

Date 17.12.36

Dates of Surveys held while building

1937. Apr. 13, 19, 20, 26, 28. May. 4, 10, 13, 19, 24, 25, 26, 27. June 1, 8, 14, 17, 25. July 1, 14, 19, 20, 26, 27, 28, 29. Aug. 4, 5, 6, 7, 9, 10, 11, 13, 16, 17, 18, 19, 20, 23, 25, 31. Sep. 6, 8, 10, 14, 22, 28. Oct. 7, 19, 25, 28, 29. Nov. 2, 3, 4, 5, 8, 10.



Lloyd's Register Foundation