

STEEL STEAMER or MOTORSHIP.

Received at London Office

-1 JAN 1943

State if Report has been sent on the Freeboard of the Vessel yesState if Report is sent on the Machinery of the Vessel yes

No. 1057

Date of completion of report 30th December 1942 Port of Sunderland No. 33568Survey held at Sunderland Date First Survey 24 May Last Survey 30th December 1942On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw) 55 THISTLEMUIR Single ScrewState Type (Full Scantling, Complete Superstructure with or without Tonnage Openings) Intermediate between FS & CSS State Type of ErectionsTONNAGE under Tonnage Deck 6792.84Do. of space or spaces between Tonnage Dk. and Upper Dk. ✓Total ✓Gross Tonnage 7237.09Register Tonnage 4292.60

REGISTERED DIMENSIONS.

FEET

Length 423.80Breadth 57.20Depth 35.90CLASS +100 A.1 State if with freeboard as condition of Class YESLength from fore part of stem to after part of stern post on summer L.W.L. See Sec. 3 (1a) 416'0"Breadth (greatest moulded) B 56'10"Depth, at middle of length from top of keel to top of beam at side of uppermost continuous deck. See Sec. 3 (1c) D 38'4"1st Longitudinal Number (L x D) 152172nd Numeral L x (B + D) 38877Framing Depth "d," at middle of length. See Sec. 3 (1d) ✓Proportions—Depth to Length—Uppermost continuous deck to top of keel 10.85Do. Long Bridge to top of keel ✓Draught Moulded 26'9⁵/₈"Built at SunderlandLaunched 29th September 1942 Yard No. 622Builders J.L. Thompson & Sons LtdOwners Albyn Line LtdManagers Allan Black & Co
(Where necessary to be entered in Reg. Book)Residence ✓Port of Registry SunderlandIf surveyed while building, afloat, or in dry dock 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	30	✓	Bracket Floors, Frame	✓	
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	27	✓	" " Reversed Frame	✓	
" " in peaks	24	✓	" " Vertical Struts	✓	
SIDE FRAMING.			Centre Girder, depth and thickness amidships	43 $\frac{1}{2}$ x 54	✓
Frame Amidships, Angle, <u>C</u> or <u>E</u>	12 x 4 x 4 x 9 $\frac{1}{16}$	✓	" " top Angles	3 $\frac{1}{2}$ x 3 $\frac{1}{2}$ x 7 $\frac{1}{16}$	✓
" " Extends up to	2 nd Deck	✓	" " bottom Angles	4 x 4 x 1 $\frac{1}{2}$	✓
Reversed Frame Amidships, Angle	✓		Side Girders, No. each side and thickness	One 6 x 3 $\frac{1}{2}$ x 7 $\frac{1}{16}$ continuous	✓
" " Extends up to	✓		Margin Plate depth (excl. of flange) and thickness	Top 6 x 6 x 7 $\frac{1}{16}$ T. Top plating carried out to shell 50.	✓
Depth of Framing Girder	12	✓	" " Vertical Angle to Tank side	6 x 6 x 7 $\frac{1}{16}$ T	✓
Frames in Uppermost Continuous 'tween Decks, Angle, <u>E</u> or <u>C</u>	6 x 3 $\frac{1}{2}$ x 32	✓	" " Bracket abaft $\frac{1}{4}$ len. from stem	Top	✓
" " Second 'tween Decks, Angle, <u>C</u> or <u>C</u>	✓		" " Vertical Angle to Tank side	Top	✓
" " Third " " " "	✓		" " Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area	Omitted in No 1 Hold	✓
" " from $\frac{1}{2}$ len. for'd. to 15% len. from Stem	15 x 4 x 4 x 2	✓	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	15 frames scarphed to floors	✓
" " in Peaks, Angle or <u>C</u>	8 x 3 $\frac{1}{2}$ x 35	✓	" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	✓	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	7/8 5 $\frac{3}{4}$	✓	Tank Side Brackets, height above base line at toe of Frame and thickness	104 $\frac{1}{4}$ x 45	✓
State if Frame Joggled	YES	✓	INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	YES	✓	Breadth and thickness of Middle Line Strake	59 $\frac{1}{2}$ x 50	✓
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	YES	✓	Thickness of remainder in Holds	44	✓
SINGLE BOTTOM.			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?	YES	✓
Floors, Depth and thickness at mid-line in Holds	✓		BEAMS.		
Height of Brackets at side above base line at toe of frame	✓		Uppermost Continuous Deck, amidships	8 x 3 $\frac{1}{2}$ x 7 $\frac{1}{16}$	✓
Middle Line Keelson, on Floors, Angles, <u>C</u> or <u>C</u>	✓		" " Wells, Angle, <u>E</u> or <u>C</u>	✓	
" " Through Plate or Inter-costal Plate	✓		" " in way of Bridge, Angle, <u>C</u> or <u>C</u>	✓	
" " Foundation Plate on Floors	✓		Spacing	every 4	✓
" " Flat Plate Keel Angles	✓		Second Deck, amidships, Angle, <u>C</u> or <u>E</u>	12 x 4 x 4 x 7 $\frac{1}{16}$	✓
Side Keelsons, No. each side	✓		Spacing	every 4	✓
" " thickness of Intercoastal Plate	✓		Third Deck, amidships, Angle, <u>C</u> or <u>C</u>	✓	
" " Angles	✓		Spacing	✓	
DOUBLE BOTTOM.			Fourth Deck, amidships, Angle, <u>C</u> or <u>C</u>	✓	
Solid Floors, thickness and spacing	36 every 4	✓	Spacing	✓	
" " Are Frame and Reversed Frame joggled?	YES	✓	Poop Deck, Angle, <u>C</u> or <u>C</u>	✓	
Bracket Floors, breadth and thickness at middle line	✓		Spacing	✓	
" " breadth and thickness at margin plate	✓		Bridge Deck, Angle, <u>C</u> or <u>C</u>	✓	
			Spacing	✓	
			Forecastle Deck, Angle, <u>C</u> or <u>C</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.
PILLARS, No. of Rows	One ✓		Stringer Plate, breadth and thickness in way of Bridge }	✓	
" in 'tween Decks, Size and Spacing	6x6x 5/8 OA. ✓		Thickness of Plating abreast Deck openings } in way of Wells .....	.35 ✓	
" " " " " "	✓		Thickness of Plating abreast Deck openings } in way of Bridge.....	✓	
" in Holds " " " "	✓		Thickness of Plating within line of openings...	.34 ✓	
" " " " " "	✓		If Sheathed, material and thickness.....	✓	
Centre Line Bulkhead. m Holds.	12x3 1/2 x 4.5 L ✓		Third Deck.	✓	
Stiffeners and Spacing	@ 5'-0" ✓		Stringer Plate, breadth and thickness.....	✓	
Plating, thickness of .....	.30 ✓		If Plated, state thickness	✓	
STRINGERS AND DECKS.			Fourth Deck.	✓	
Uppermost Continuous Deck.			Stringer Plate, breadth and thickness.....	✓	
Stringer Plate, breadth and thickness in Wells	62 1/2 x .64 ✓		If Plated, state thickness.....	✓	
" " " " in way of Bridge	✓		Poop Deck.	✓	
" Angle in Wells	6x6x 5/8 ✓		Stringer Plate, breadth and thickness.....	✓	
Thickness of Plating abreast Deck openings } in way of Wells .....	.55 ✓		Plating, Sheathing, material and thickness ...	✓	
Thickness of Plating abreast Deck openings } in way of Bridge.....	✓		Bridge Deck.	✓	
Thickness of Plating within line of openings...	.40 ✓		Stringer Plate, breadth and thickness.....	✓	
If Sheathed, material and thickness.....	✓		Plating, Sheathing, material and thickness ...	✓	
Second Deck.			Forecastle Deck.	✓	
Stringer Plate, breadth and thickness in Wells	49 1/2 x .43 ✓		Stringer Plate, breadth and thickness.....	✓	
			Plating, Sheathing, material and thickness...	✓	

SHELL PLATING.

SCANTLINGS.					RIVETING.							
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED,	EDGES.			BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		State if joggled?	No.	No. of Rows of Rivets.	RIVETS.		STRAPPED OR LAPPED.	
	Breadth.	Thickness.	Thickness.	Thickness.					SINGLE OR DOUBLE.	Diam.		Spacing cr. to cr.	Diam.	Spacing cr. to cr.
	Inches.	Inches.	Inches.	Inches.			Inches.	Inches.		Inches.	Inches.	
Flat Plate Keel.....	52	.78	.68	.68		D	7/8	3 1/3	WELDED.			
„ Dblg. (if any) B		.65	.65	.50					4	7/8	3 1/2	L
Bottom Plating, No. of		.60	.65	.50		D	7/8	3 1/3	3	7/8	3 1/8	L
Strakes A.C. D		.60	.50	.50					3	7/8	3 1/8	L
Bilge Plating, No. of		.60	.56	.50		D	7/8	3 1/3	3	7/8	3 1/8	L
Strakes E.												
Side Plating, No. of		.60	.56	.45		D	7/8	3 1/3	3	7/8	3 1/8	L *
Strakes F.G.H.												
Upper Deck, Sheer- strake in Wells.....	87	.70	.45	.45		D	7/8	3 1/3	4	1	4	L
Upper Deck, Sheer- strake in Bridge ...												
Strake below Sheer- strake in Wells.....	80	.60	.45	.45		D	7/8	3 1/3	3	7/8	3 1/8	L.
Strake below Sheer- strake in Bridge ...												
Poop Side Plating.....												
Bridge Side Plating.....												
Forecastle Side Plating												
						* Butts of side shell plating forward of frame 147 welded in lieu of riveting						

WATERTIGHT BULKHEADS.

FORGINGS AND CASTINGS.

Total No. of W.T. BULKHEADS in Vessel—	8 BH (Call to W dk, y6 and dk); 5 divisions WT BH in main decks	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted
Extending to Upper Deck (Sec. 3 c)	9 ✓				
" Deck next below	✓				
As per Rule	7 No openings except No 93 where 2 openings closed by hinged w.t. doors/sec 2 & 3				
		STIFFENERS.			
Plating Thickness.	VERTICAL.		HORIZONTAL.		
	Scantlings.	Spacing.	Scantlings.	Spacing.	
MIDSHIP BULKH'D, Upper 'tween decks	Nº 86 .26	6x3½x¾	28½-30	✓	
" " Second "	✓	✓			
" " Third "	✓	✓			
" " Holds .....	.39-.26	12x3½x¼	28½-30	✓	
COLLISION " (in Hold) .....	.53-.53	7x3x¾	24	✓	3.5B beams. Recent top S.B. beams
AFTER PEAK " .....	.49-.30	7x3x¾	24	✓	
KEEL, Bar					
STEM Rolled 10x2½ ✓					
STERN FRAME { Propeller Post					
{ Rudder " Cast 12x14½ Looking Lan					
Speed of Vessel					
RUDDER—Type					
" A x D..... 282.2 ✓					
" Diam. of head 9½ ✓					
" Mainpiece at top pintle 12 ✓					
" " heel ... 9¼ ✓					
" how constructed Fabricated as per plan.					
" double or single plate ..... .62					
" 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) Open Heart					
Dorman Long, Cargo Fleet, Shinningrove, Consett, South Durham					
Has the Steel been tested as required by the Rules? YES.					

EQUIPMENT No. 40171

LETTER A +

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.				
42422	1st Bower	68	1	21				32	18	3	0	68	Stockless	✓	LPHS 25.9.42 RIV
42473	2nd "	67	3	0				52	10	0	0	68	do.	✓	do. 9.10.42 do.
	3rd "												do.		
	Collective weight												do.		
42474	Stream	23	3	7				23	15	2	14	23 3/4	Stockless	✓	do.

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.	
	Fathoms.	Diam.	Statutory.	Breaking.	Supplied.	Per Rule.		Fathoms.	Diam.					Fathoms.	Ins.		Fathoms.	Ins.
18851	226 1/2	2 1/16	96 1/4	134 1/4	610 0 0	720 3/4		270	2 1/16	Stud Link	✓	LPHLW 8.12.42 AG	TOWLINE	120	4 3/4	64.6	120	4 3/4
													HAWSERS & WARPS	2090	2 3/4	15.2	2090	2 3/4
														2090	2 1/2	13.2	2090	2 1/2
Iron Stream Chain or Steel Wire	90	5						90	5									

Steering Gear, Type (Power or hand) Donkin & Co. Ltd.

Alternative Means of Steering Auxiliary Black Jack

Steering Chains (Size and Test) Selemotor

Windlass Emerson Walker Boats 3-24' lifeboat

Ceiling in Holds, thickness and material T. Top increased 08 under latches

Cargo Battens, thickness, material and spacing no battens

Cargo Hatchways. (Upper Deck) steel plates and angles.

Thickness of Hatches 3"

Size of Hatchways No. 1 (Fwd.) 33'9" x 20' No. 2 35' x 20' No. 3 15' x 20' No. 4 35' x 20' No. 5 35' x 20' No. 6

Number of Shifting Beams } Nos 1, 2, 4, 5 - 5; Nos 3 - 2.

Builder's Signature

D. C. Thompson
Managing Director

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.

(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 (where required to be inserted in the Notation).

The vessel has been built in accordance with the approved plan, the Secretary's letter, & the Rules.

The materials and workmanship are good.

The freeboard marks have been verified & cut in on the vessel's side.

The double-bottom, deep, peak, F.W. tanks, ash shoot have been satisfactorily tested.

The decks, hullheads, tunnel, W.T. doors, have been tested in accordance with the Rules.

The steering gear, emergency steering gear, windlass, have been tried under working conditions.

The equipment of anchor & cable has been reduced as per Secretary's letter of 22.2.40 & 21.9.40.

Hatch covers fitted to all 2nd deck hatches.

The following reports are enclosed: - Stern Frame, Rudder Head, & Frame.

The amount of Entry Fee..... £ 10 : : : Fees applied for,

14 Dec 1942

(Special notations, where part of class, to be stated.)

Special Survey Fee..... 380.18.6

Tribunal

18

Received by me,

Travelling Expenses, if any £ : : 16 Dec 1942

I am of opinion the Vessel should be Classed + 100 A.1.

State whether the Vessel has been built under Special Survey YES.

Signature

W. B. Huller
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to SUNDERLAND.

Date of issue

22/1/43

Committee's Minute

FRI. 8 JAN 1943

Character assigned

+ 100 A.1

With freeboard.

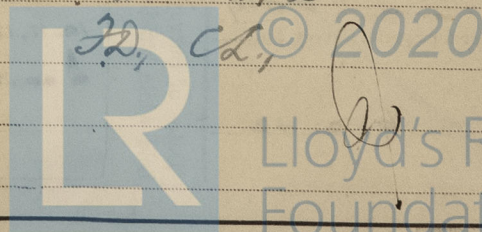
Butts of side plating forward Keel Elec. Weld.

+ Lmb 12.42

Lloyd's Arch. O.L.

note for S.R.L.

The Surveyors are requested not to write on or below the Committee's Minutes.

Lloyd's Register
Foundation

0374 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.)

Sister Vessels

SS. THISTLEDALE SLO. RPT. N° 33503

SS. MIDDLESEX TRADER " N° 33531

PARTICULARS OF ELECTRIC WELDING (if employed) Butts of keel & centre girders welded, butts of fore and side shell plating welded, 2nd deck stringer plating welded to shell, tank top plating welded to shell, seams of deep tank bulkheads welded, tween deck pillars welded to deck, & bulkhead stiffeners and transverse bulkhead stiffener brackets welded to tank top, small hatch & ventilator coamings welded to deck.

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

Keel and centre girders butts electrically welded.
Butts of fore end shell plating electrically welded.
D. F.

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

including pins					
1st Bower	44	1	0	K.L.	5095 10-8-42
2nd "	44	0	7	J.H.J.	5134 24-8-42
3rd "					

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.

Official No. 169034 Signal Letters ☒ Extreme Breadth over Belting ☒ Over-all Length 441'-5" ☒
(Circ. 1611) (Circ. 1703)

No. and Material of Decks 2 Steel Decks

Parts of Bottom of Vessel coated with cement or approved composition Nos 1, 2, 4, 6, 7, D.B. tanks, fore & after peaks cemented.

Particulars of composition (if fitted) and of approval ☒

PARTICULARS OF WATER BALLAST:—(Comprising all tanks which may be used for Water Ballast. (Circ. 1284)
Wells are not to be included in the lengths of the tanks, but Cofferdams and Dry Tanks (if tested) are to be included.)

Where Fitted.	Length.	Water Capacity.	Where Fitted.	Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft,	117.5	352	Fore peak tank,	23	152
Double bottom, under Engines and Boilers,			After peak tank,	24	198
Double bottom, if under Engines only,	25.0	117	Deep tank, st. III aft	20	740
Double bottom, if under Boilers only,	20.0		Deep tank, forward,		
Double bottom, forward,	188.25	748	Other tanks, if fitted,		
Total length (if continuous) and Capacity	350.75	1217	(If necessary furnish further information by sketch.)		

Order for Special Survey No. 6019

Date 6.2.42

Dates of Surveys held while building

1942 May 26, 27 June 4, 5, 8, 10, 16, 17, 22, 23, 24, 30 July 8, 9, 13, 14, 15, 16, 17, 30 Aug 7, 10, 11, 12, 13, 19, 24, 27 Sep 3, 8, 11, 14, 17, 18, 20, 22, 23, 24, 25, 26, 28, 29 Oct 29 Nov 13, 19, 24, 30 Dec 2, 7, 9, 14, 30

Total No. of Visits 52