

STEEL STEAMER OR MOTORSHIP.

2 JUL 1941

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.*

Received at London Office

Date of completion of report *28th June 1941.*Port of *LEITH.*Survey held at *Burntisland.*Date First Survey *January 9th 1941.*No. *20439*

On the (State if Machinery fitted Aft and if Single, Twin or Triple Screw)

*S.H. S. SR.**"ADAMS BECK"**(Machy Aft.)*Last Survey *23rd June.*

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

*Full Scantling*State Type of Erections *Idle + R.Q. Dk.*TONNAGE under Tonnage Deck... *2150.*CLASS *100. A.1.*State if with freeboard as condition of Class *No.*Built at *Burntisland.*

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

Length from fore part of stem to after part of stern most on summer L.W.L. See Sec. 3 (1a)

L *312.0*Launched *24th April 1941.* Yard No. *235.*Total *2150.*Breadth (greatest moulded) *B 44.25*Builders *The Burntisland S.S. Co. Ltd.*Gross Tonnage *2816.*

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

D *27.08 R.Q.Dk.*Owners *Gas Light + Coke Co.*Register Tonnage *1667.*1st Longitudinal Number (L x D) = *6889.*Managers *Stephenson Blake + Associated Companies Ltd.*

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

REGISTERED DIMENSIONS.

FEET.

Length *315.0*Breadth *44.5*Depth *19.9*

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

14.13

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

11.52

Do. Long Bridge to top of keel

19.9 3/8

Draught Moulded

Residence *4, St Dunstan's Alley, London E.C.3.*Port of Registry *LONDON.*

If surveyed while building, afloat, or in dry dock

while building + afloat.

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	<i>27</i>		Bracket Floors, Frame		
" " from $\frac{3}{8}$ length amidships to Collision bulkhead	<i>27</i>		" " Reversed Frame		
" " in peaks	<i>24</i>		" " Vertical Struts		
SIDE FRAMING, UPPER Dk.			Centre Girder, depth and thickness amidships	<i>36 x 44</i>	
Frame Amidships, Angle, E or F	<i>8 3 38</i>	<i>APPROVED. 8 x 3 x 34</i>	" " top Angles	<i>DOUBLE 3 3 38</i>	
" " Extends up to	<i>UPPER DECK.</i>		" " bottom Angles	<i>DOUBLE 3 1/2 3 1/2 44</i>	
Reversed Frame Amidships, Angle	<i>9 3 41</i>	<i>9 x 3 x 37</i>	Side Girders, No. each side and thickness	<i>ONE 6 3 34</i>	
" " Extends up to	<i>R.Q. DECK.</i>		Margin Plate depth (excl. of flange) and thickness	<i>25 x 42</i>	<i>TANK TOP RISES AT BILGE TO 9' 7" ABOVE BASE LINE.</i>
Depth of Framing Girder	<i>8" x 9"</i>		" " Vertical Angle to Tank side	<i>3 3 40</i>	
Frames in Uppermost Continuous 'tween Decks, Angle, E or F			" " Bracket abaft $\frac{1}{4}$ len. from stem	<i>3 3 40</i>	
" " Second 'tween Decks, Angle, E or F			" " Vertical Angle to Tank side	<i>3 3 40</i>	
" " Third " " " "			" " Bracket from forward $\frac{1}{4}$ len. from stem to Panting Area		
" " from $\frac{1}{4}$ len. for'd. to 15% len. from Stem	<i>8 3 40</i>	<i>APPROVED. 8 x 3 x 36</i>	" " Gussets, spacing and scantling abaft $\frac{1}{4}$ len. from stem	<i>NONE.</i>	
" " in Peaks, Angle or F	<i>6 3 39</i>		" " Gussets, spacing and scantling from forward $\frac{1}{4}$ len. from stem to Panting Area	<i>NONE.</i>	
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	<i>3/4 DIA RIVETS SPACED 7 DIA APART E to C.</i>		Tank Side Brackets, height above base line at toe of Frame and thickness	<i>9' 7" TO TANKSIDE PLUS 2' 4 3/4 TO TOP OF BKTS BKTS .50 THICK.</i>	
State if Frame Joggled	<i>YES.</i>		INNER BOTTOM PLATING.		
Are the scantlings and arrangements in the Panting Area in accordance with the Rules and/or as approved?	<i>AS APPROVED.</i>		Breadth and thickness of Middle Line Strake	<i>.50</i>	
Are the scantlings and arrangements in way of the Bottom Forward in accordance with the Rules and/or as approved?	<i>AS APPROVED.</i>		Thickness of remainder in Holds	<i>.50</i>	
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?	<i>YES.</i>	
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	<i>6 3 1/2 38</i>	
Middle Line Keelson, on Floors, Angles, E or F			" " in Wells, Angle, E or F		
" " Through Plate or Intercostal Plate			" " in way of Bridge, Angle, E or F		
" " Foundation Plate on Floors			Spacing	<i>EVERY</i>	
" " Flat Plate Keel Angles			R.Q. Second Deck, amidships, Angle, E or F	<i>7 3 1/2 35</i>	
Side Keelsons, No. each side			" " BEAMS - ANGLE	<i>6 3 1/2 38</i>	
" " thickness of Intercostal Plate			Spacing	<i>EVERY</i>	
" " Angles			Third Deck, amidships, Angle, E or F		
DOUBLE BOTTOM.			Spacing		
Solid Floors, thickness and spacing	<i>34 EVERY.</i>		Fourth Deck, amidships, Angle, E or F		
" " Are Frame and Reversed Frame joggled?	<i>YES.</i>		Spacing		
Bracket Floors, breadth and thickness at middle line			Poop Deck, Angle, E or F		
" " breadth and thickness at margin plate			Spacing		
			Bridge Deck, Angle, E or F		
			Spacing		
			Forecastle Deck, Angle, E or F	<i>7 3 33</i>	
			Spacing		

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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.....				ANGLE			
CANTILEVER BRACKETS EVERY 4 TH FRAME IN LINE 4'-0" DEEP				Stringer Plate, breadth and thickness in way of Bridge		6 6 .60	
* 36 WITH 4" FLANGE 4'-6" DEEP				Thickness of Plating abreast Deck openings in way of Wells		Stringers only	
in 'tween Decks, Size and Spacing.....		ON FRAMES 109-13-17		Thickness of Plating abreast Deck openings in way of Bridge			
" " " " "				Thickness of Plating within line of openings...		.33	
" in Holds " " "				If Sheathed, material and thickness		None.	
Centre Line Bulkhead.				Third Deck.			
Stiffeners and Spacing.....				Stringer Plate, breadth and thickness.....			
Plating, thickness of				If Plated, state thickness.....			
STRINGERS AND DECKS.				Fourth Deck.			
Uppermost Continuous Deck.				Stringer Plate, breadth and thickness.....			
Stringer Plate, breadth and thickness in Wells		82 7/8 x 1.08		If Plated, state thickness			
" " " " in way of Bridge				Poop Deck.			
" Angle in Wells		6 6 .625		Stringer Plate, breadth and thickness			
Thickness of Plating abreast Deck openings in way of Wells		Stringers only		Plating, Sheathing, material and thickness			
Thickness of Plating abreast Deck openings in way of Bridge				Bridge Deck.			
Thickness of Plating within line of openings...		30 forward.		Stringer Plate, breadth and thickness.....			
If Sheathed, material and thickness		None.		Plating, Sheathing, material and thickness			
R.Q. Second Deck.				Forecastle Deck.			
Stringer Plate, breadth and thickness in Wells...		81 1/4 .62 NORMAL .80 AT BREAK.		Stringer Plate, breadth and thickness.....		.31.	
				TRANSVERSE PLATING			
				Plating, Sheathing, material and thickness		No sheathing	

SHELL PLATING.

SCANTLINGS.					RIVETING.						
STRAKES.	AS IN VESSEL.				ANY DEPARTURE FROM APPROVED PLANS TO BE NOTED.	EDGES.		BUTTS.			
	AMIDSHIPS.		FORWARD.	AFT.		No.		No. of Rows of Rivets.		RIVETS.	
	Breadth.	Thickness.	Thickness.	Thickness.		SINGLE OR DOUBLE.	RIVETS.	Diam.	Spacing cr. to cr.	Diam.	Spacing cr. to cr.
FLAT PLATE KEEL	73 3/4	.62	.58	.58	.57 APPROVED.	DOUBLE	3/4	3	TREBLE	7/8	3 1/6
" DBLG. (if any)	83 3/8	.52	.45	.43		DOUBLE	3/4	3	TREBLE TO DOUBLE	3/4	2 5/8
BOTTOM PLATING, No. of Strakes	62 1/4	"	"	"	INCREASE ON STERN FRAME AS PER RULE.	DOUBLE	3/4	3	TREBLE TO DOUBLE	3/4	2 5/8
BILGE PLATING, No. of Strakes	75	.52	.40	.43	INCREASED IN WAY OF PANTING .07	DOUBLE	3/4	3	TREBLE TO DOUBLE	3/4	2 5/8
SIDE PLATING, No. of Strakes	80 3/4	.52	.40	.40	IN LIEU OF STRINGER.	DOUBLE	3/4	3	TREBLE TO DOUBLE	3/4	2 5/8
UPPER DECK, Sheer-strake in Wells.....	65 1/2	.82	.40	.40	INCREASED AT BREAK AS PER APPROVED PLAN.	DOUBLE	7/8	3 1/2	QUAD TO DOUBLE	1 1/8	4 3/4
UPPER DECK, Sheer-strake in Bridge ...	64 1/2	.60	-	.40		DOUBLE	7/8	3 1/2	TREBLE TO DOUBLE	7/8	3 1/2
STRAKE BELOW Sheer-strake in Wells.....	F. COMBINED WITH SHEERSTRAKE.										
STRAKE BELOW Sheer-strake in Bridge ...	G. COMBINED WITH SHEERSTRAKE.										
POOP SIDE PLATING											
BRIDGE SIDE PLATING ...											
FORECASTLE SIDE PLATING			.37			SINGLE	3/4	3	SINGLE	3/4	2 5/8

WATERTIGHT BULKHEADS.

Total No. of W.T. BULKHEADS in Vessel—

Extending to Upper Deck (Sec. 3 c) FIVE.

Extending to Deck next below Two to Upper Deck Two to R.Q.D.K. AFTER PEAK TO CABIN PLAT. FIVE.

As per Rule

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any Departure from Approved Plans to be Noted.
KEEL, Bar				
STEM	STEEL BAR	8 x 2 1/4		PLATED STEM ABOVE.
STERN FRAME	Propeller Post	F.S. 9 x 5 1/4		
	Rudder "	F.S. 9 x 5 1/4	T.S. FORSTER & SONS LTD.	
Speed of Vessel		12 knots		(not exceeding.)
RUDDER—Type		Ordinary Double plate.		
" A x D		227.		
" Diam. of head		7 1/2		
" Mainpiece at top pintle	F.S.	7 1/8 x 6 1/4	T.S. FORSTER & SONS LTD.	
" " heel ...		6 1/4 x 3 3/4		
" how constructed		Frame & post arms.		
" double or single plate50 fitted		.34 approved.
" coupling, vertical or horizontal		Vertical.		

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Upper 'tween decks	32	Ver. 32		STRUTS.	3 x 3/2
" " Second	82	Ver. 30		6 x 3 x 36	
" " Third		Ver. 30			
" " Holds	106	Ver. 30	2 x 3/2 x 48		
COLLISION " (in Hold)	127	Ver. 30	2 x 3/2 x 48		
AFTER PEAK " "	6 x 9	Ver. 30	2 x 3/2 x 48		

STEEL.

Manufacturer's Name or Trade Mark of the Steel used in the construction of the Vessel (state process of manufacture)
 Steel Co. of Scotland, Bonsett, Colville, Dorman Long, Appleby, Lancashire,
 South Durham, Skinningrove & Cargo Fleet.
 Has the Steel been tested as required by the Rules? Yes.

Open hearth process.

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EQUIPMENT No. ^{NOT EXCEEDING} 22700.										LETTER "E".	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.				
53840.	1st Bower ...	42	3	18	STOCKLESS.			37	15	2	14	42. ✓	Isconic Quick Grip (G.S. HEAD.)	John Green (Old Hill) & Co.	Bradley Heath 6/2/40. S.C. PAUL. ✓
53841.	2nd „ ...	41	2	21	Do.			36	19	1	14	42. ✓	Do.	Do.	Do. ✓
	3rd „ ...											35½			
	Collective weight.											119½ ✓			
99459	Stream	11	1	10	3	0	11	13	5	0	0	11. ✓	Ordinary.	Not known.	Belthorlin 4/12/40. J.H. RILEY. ✓

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-ry.	Break-ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Cir.		Length.	Cir.
	Fathoms.	Ins.	Tons.	Tons.	Cwts. grs. lbs.	Cwts.	Fathoms.	Ins.					Fathoms.	Ins.	Tons.	Fathoms.	Ins.
114802.	105	1 7/8	63 1/4	88 1/2	190-0-4	425 1/4	240	1 11/16	Stud	Not known.	Belthorlin 31/12/40 J.A. Relf.	TOWLINE...	100	4	33.2	100	4
114803	105	1 7/8	63 1/4	88 1/2	190-0-8				Do.	Do.	Do.	HAWSERS & WARPS	20	2 1/2	13.2	20	2 1/2
Two of the lengths of this cable is in two parts viz:- 14 fms + 1 fm.																	

Steering Gear, Type (Power or hand) *Steam by John Hastie.* Alternative Means of Steering *Combined power + hand.*

Steering Chains (Size and Test) *Telemotor* Windlass *Steam by Emerson Walker.* Boats *1- 22-0 x 7-5 x 3-0
1- 24-0 x 7-5 x 3-15 Motor.
1- 14-0 x 5-25 x 2-25 DINGHY.*

Ceiling in Holds, thickness and material *None - Tank top increased in Cen.* Cargo Battens, thickness, material and spacing *None.*

Cargo Hatchways. - (Upper Deck) *Constructed of elich plates + angles.* Thickness of Hatches *McGregor Patent Steel Covers. (see approved plans.)*

Size of Hatchways No. 1 (Fwd.) *35'8" x 25'0"* No. 2 *36'0" x 30'0"* No. 3 *42'9" x 30'0"* No. 4 *38'3" x 30'0"* No. 5 *✓* No. 6 *✓*

Number of Shifting Beams and/or Fore and Afters *None - McGregor Patent Steel covers.*

Builder's Signature *for the BURNT ISLAND SHIPBUILDING COMPANY LTD.* 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).

This vessel has been built in accordance with the approved plans, the Secretary's Letter and the Society's Rules for the class contemplated. The materials + workmanship are good + to my satisfaction. The double bottom tanks, the fore + after peak tanks, the decks, the w. b. bulkheads, patent steel hatch covers + the hand pump have been tested in accordance with the Rule requirements and found satisfactory. The windlass and steering gear have been tested under working conditions and found in order. The freeboards as assigned by the Society, have been marked on the vessel's sides, verified, cut in and afterwards painted. The spare bower anchor was not supplied and the chain cable reduced as a war emergency.

The amount of Entry Fee £ *6* : 0 : 0 Fees applied for, (Special notations, where part of class, to be stated.)
FREEBOARD. £ *13* 0 0 30-6-1941.
Special Survey Fee.... £ *215* : 16 : 0 Received by me,
Travelling Expenses, if any £ *2* : 12 : 6 19

State whether the Vessel has been built under Special Survey *Yes.* Signature *Robert Wood*
Surveyor to Lloyd's Register of Shipping.

Certificate to be sent to *Leith* Date of issue *8/17/41*

Committee's Minute *TUE. 8 JUL 1941*

Character assigned *+ 100 A.*

Lloyd's arch *+ Lamb. 6.41*

note for S.R.L. *Cargo Batts not ftd.* *22. CL.*

Write at

for

for

for

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.)

The following plans are forwarded herewith:—

Midship Section.

Profile & Decks.

Pumping Plan.

Stern & Rudder Frame.

MacGregor steel hatch covers (2 plans.)

General Arrangement.

Forging & Basting Reports 4 off.

PARTICULARS OF ELECTRIC WELDING (if employed)

Steel hatch covers and fittings, aux; engine sealings and odd work and fittings not effecting the main structure of the vessel.

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

Crusher Stern, Macky aft, One Dk (P.H.)

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

1st Bower 24 cwt. 3 grs. 10 lbs - A.E.G. - 796 - 16/12/40.
2nd " 25 cwt. 0 grs. 14 lbs - A.E.G. - 755 - 29/11/40.
3rd "

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 192.42 ft., Bridge ☒ ft., Forecastle 28.87 ft. (in feet and tenths). When the Poop or Forecastle are joined to the B.D., this should be distinctly stated

Official No. 168193. Signal Letters B.C.U.T. Extreme Breadth over Belting 44.5 (Circ. 1611) Over-all Length 325.75 + 4.5 = 330.25 (Circ. 1703) Gun Platform

No. and Material of Decks One Dk (P.H.)
Parts of Bottom of Vessel coated with cement or approved composition Inside of double bottom & bilges, cemented at shell landings.

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,	Nº 4.	83.25	284			Fore peak tank,				
Double bottom, under Engines and Boilers,	Nº 3.	58.50	291			After peak tank,		28.75	182	
Double bottom, if under Engines only,	Nº 5.	22.50	34			Deep tank, aft,		27.58	68	
Double bottom, if under Boilers only,	Nº 2.	54.00	244			Deep tank, forward,				
Double bottom, forward,	Nº 1.	47.25	138			Other tanks, if fitted,				
Total length (if continuous) and Capacity		265.50	991			(If necessary, furnish further information by sketch.)				

Order for Special Survey No. 2037

Date 16/8/40.

Dates of Surveys held while building

1941.
January 9th, 17th, 21st, Feb. 4th, 12th, 18th, 25th, 27th, 28th, March 10th, 20th, 24th, 28th,
31st, April 4th, 7th, 9th, 11th, 12th, 15th, 21st, 24th, May 5th, 29th, 30th, June 2nd,
4th, 18th, 20th & 23rd.

Total No. of Visits 30.