

STEEL STEAMER or MOTORSHIP.

30 AUG 1926

Received at London Office

State if Report has been sent on the Freeboard of the Vessel no.State if Report is sent on the Machinery of the Vessel yes.

Date of completion of report

August 28th

Port of

Aberdeen

No. 14476

Survey held at

Aberdeen

Date First Survey

March 19th 1926

Last Survey

August 21st

1926

On the (State of Machinery fitted, and of Single, Double, or Triple Screw)

STEEL SINGLE SCREW TUG TAYRA.

State Type (Full hull, complete superstructure with or without Tonnage Openings)

Full scantling

State Type of Erections

none

TONNAGE under Tonnage Deck

104.02

CLASS

* 100 A.I.

State if with freeboard as condition of Class

no.

Built at

Aberdeen

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

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

FEET.

L 80.0

Launched July 8th 1926

Yard No. 600

Total

104.02

Breadth (greatest moulded)

B 21.5

Builders A. Hall & Co. Ltd.

Gross Tonnage

104.70

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

D 10.75

Owners Gaselee & Son

Register Tonnage

1.45

1st Longitudinal Number (L x D)

= 860

Managers

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

2nd Numeral L x (B + D)

= 2580

Residence 20 St. Dunstons Hill, E.C. 3.

REGISTERED DIMENSIONS.

FEET.

Length

80.0

Breadth

21.6

Depth

10.0

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

9.77

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

7.44

Do. Long Bridge to top of keel

Draught Moulded

Port of Registry London

If surveyed while building, afloat, or in dry dock

First Entry

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			20		Bracket Floors, Frame				
" " from $\frac{1}{2}$ length to Collision bulkhead			20		" " Reversed Frame				
" " in peaks			18		" " Vertical Struts				
SIDE FRAMING.					Centre Girder, depth and thickness amidships				
IN BOILER & BUNKER SPACE					" " top Angles				
Frame Amidships, Angle, E or F	4"	3"	35"	4" x 2 1/2" x 35"	" " bottom Angles				
" " REMAINDER (EXCEPT PEAKS)	4"	3"	30"	4" x 2 1/2" x 30"	Side Girders, No. each side and thickness				
" " Extends up to	uppermost		Deck		Margin Plate depth (excl. of flange) and thickness				
ON TOP OF FLOORS.					" " Vertical Angle to Tank side				
Reversed Frame Amidships, Angle	2 1/2"	2 1/2"	28"	2 1/2" x 2 1/2" x 28"	Bracket abaft 1/2 len. from stem				
" " IN BOILER ROOM.	3 1/2"	3 1/2"	40"	3 1/2" x 3 1/2" x 40"	" " Vertical Angle to Tank side				
" " IN ENG. ROOM Extends up to	5"	4"	40"	4" x 4 1/2" x 40"	Bracket forward 1/2 len. from stem				
Depth of Framing Girder	4"				" " Gussets, spacing and scantling abaft 1/2 len. from stem				
Frames in Uppermost Continuous 'tween Decks, Angle, E or F					" " Gussets, spacing and scantling forward 1/2 len. from stem				
" " Second 'tween Decks, Angle, E or F					Tank Side Brackets, height above base line at toe of Frame and thickness				
" " Third " " " "					INNER BOTTOM PLATING.				
Framing in Peaks, Angle or F	4"	3"	30"	4" x 2 1/2" x 30"	Breadth and thickness of Middle Line Strake				
Diameter and Spacing of Rivets through Frame and Shell Plating amidships	5/8 rivets	7 dia			Thickness of remainder in Holds				
State if Frame Joggled	yes				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?				
PANTING ARRANGEMENTS (Sec. 7), state system and particulars	as per approved plans				BEAMS.				
STRENGTHENING OF BOTTOM FORWARD. State Particulars	as per approved plans				Uppermost Continuous Deck, amidships				
SINGLE BOTTOM.					in Walls, Angle, E or F	4"	3"	30"	4" x 2 1/2" x 30"
Floors, Depth and thickness at mid line in Hold	1 1/2" x 28"	32 ES.	38 B.S.		" " in way of Bridge, Angle, E or F				as approved
Height of Brackets at side above base line at toe of frame	none				Spacing	20 and 18 in			Fore Peak
Middle Line Keelson, on Floors, Angle, E or F	6" x 3" x 38"	Double for	B.S.		Second Deck, amidships, Angle, E or F				
" " Through Plate or Intercoastal Plate					Spacing				
" " Foundation Plate on Floors					ACCOMMODATION FLAT (FOR?)				
" " Flat Plate Keel Angles					Third Deck, amidships, Angle, E or F	3"	3"	30"	
Side Keelsons, No. each side	one				Spacing	40			
" " thickness of Intercoastal Plate					Fourth Deck, amidships, Angle, E or F				
" " SUB Angles	7" x 3" x 40" B.A.	double in Boiler Space			Spacing				
	6" x 3" x 38 B.A.	single forward B. Space			Poop Deck, Angle, E or F				
DOUBLE BOTTOM.					Spacing				
Solid Floors, thickness and spacing					Bridge Deck, Angle, E or F				
" " Are Frame and Reversed Frame joggled?					Spacing				
Bracket Floors, breadth and thickness at middle line					Forecastle Deck, Angle, E or F				
" " breadth and thickness at margin plate					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.....			as per Profile		Stringer Plate, breadth and thickness in way of Bridge				
" in 'tween Decks, Size and Spacing.....			2" 6 2 3/8"		Thickness of Plating abreast Deck openings in way of Wells				
" " " " " "			✓ ✓ ✓		Thickness of Plating abreast Deck openings in way of Bridge				
" in Holds " " "			✓ ✓ ✓		Thickness of Plating within line of openings...				
" " " " " "			✓ ✓ ✓		If Sheathed, material and thickness				
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.....			38 and as per Deck plan	30"	If Plated, state thickness				
" " " " in way of Bridge			✓ ✓ ✓		Poop Deck.				
" Angle in Wells			3 1/2" 3 1/2" 40"	28"	Stringer Plate, breadth and thickness				
REMAINDER.			32"		Plating, Sheathing, material and thickness ...				
Thickness of Plating abreast Deck openings in way of Wells			✓ ✓ ✓		Bridge Deck.				
Thickness of Plating abreast Deck openings in way of Bridge			✓ ✓ ✓		Stringer Plate, breadth and thickness.....				
Thickness of Plating within line of openings...			✓ ✓ ✓		Plating, Sheathing, material and thickness ...				
If Sheathed, material and thickness			✓ ✓ ✓		Forecastle Deck.				
Second Deck.					Stringer Plate, breadth and thickness.....				
Stringer Plate, breadth and thickness in Wells...			✓ ✓ ✓		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 jogged?	no	SINGLE OR DOUBLE.	RIVETS.		No. of ROWS OF RIVETS.	RIVETS.		STRAPPED OR LAPPED.
	Breadth.	Thickness.	Thickness.	Thickness.							Diam.	Spacing cr. to cr.		Diam.	Spacing cr. to cr.	
	Inches.	Inches.	Inches.	Inches.					Inches.	Inches.		Inches.	Inches.			
FLAT PLATE KEEL	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
„ Base (if any)	✓	✓	✓	✓	✓		✓	✓	✓	✓	✓	✓	✓	✓		
BOTTOM PLATING, No. of Strakes 2.... }	A. 12	✓ .35"	.35"	.35"	.30"	.26"	.26"	Single	5/8"	2 1/2"	Double	5/8"	2 1/4"	Strapped Lapped.		
BILGE PLATING, No. of Strakes 1.... }	B. 52	✓ .35"	.33"	.33"	.27"	.24"	.24"	Single	"	"	"	"	"	"		
SIDE PLATING, No. of Strakes 1.... }	C. 52	✓ .35"	.30"	.30"	.27"	.24"	.24"	Single	"	"	"	"	"	"		
UPPER DECK, Sheer-strake in Wells... 1.... }	D. 52	✓ .35"	.40"	.35"	.28"	.24"	.24"	Double	"	"	"	"	"	"		
UPPER DECK, Sheer-strake in Bridge... }	E. 42	✓ .50"	.50"	.50"	.28"	.24"	.24"							Strapped.		
STRAKE BELOW SHEER-strake in Wells..... }																
STRAKE BELOW SHEER-strake in Bridge... }																
POOP SIDE PLATING																
BRIDGE SIDE PLATING																
BULKHEADS FORECASTLE SIDE PLATING	27"	.30"	.30"	.40"	✓	✓	✓	Single	5/8"	2 1/2"	Strapped.					

WATERTIGHT BULKHEADS.

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

Extending to Upper Deck (Sec. 3 c) **Four (as approved.)**

" Deck next below

As per Rule **approved** **Four**

	Plating Thickness.	STIFFENERS.			
		VERTICAL.		HORIZONTAL.	
		Scantlings.	Spacing.	Scantlings.	Spacing.
MIDSHIP BULKHEAD , Nos 5 & 6 AFT. Upper two decks	✓ 26" 40"	4" x 3" x 30"	30"	3" x 3" x 36"	Floor angle
" " Nos 10 & 11. Second	✓ 26" 40"	3 1/2" x 3" x 30"	30"		W.T. Flat
" " No 35. Third	✓ 26" 38"	4" x 3" x 30"	30"	3" x 3" x 30"	Floor angle
" " No 21. Holds	✓ 26" 28"	4 1/2" x 3" x 30"	30"		
COLLISION " No 45. (in Hold)	✓ 26" 32"	4" x 3" x 32"	24"	3" x 3" x 30"	Floor angle
AFTER PEAK " No 23. Nos. N.T.	✓ 26" 28"	"	approved		

FORGINGS and CASTINGS.

	Casting or Forging.	Scantlings.	Maker's Name.	Any departure from approved plans to be noted.
KEEL, Bar	B. Plate	7" x 1"	Consett.	6" x 1"
STEM	"	7 1/2" x 1 3/8"	"	5 1/2" x 1"
STERN FRAME	Propeller Post	Forging 5 1/2" x 2 1/2"	E. W. Thompson	5 1/8" x 2 1/8"
	Rudder	" 5 1/2" x 2 1/2"	"	4 7/8" x 2 1/8"
RUDDER—A x D	✓	not exceeding A7.		
Speed of Vessel	✓	10 knots.		
RUDDER mainpiece at head	Forging	4"	Hall & Co.	
" " heel	"	3 1/8"	"	3 1/2"
" how constructed	Steel & arms	mild rolled steel		
" double or single plate	✓	82"		
" coupling, vertical or horizontal	✓	none		

STEEL.

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

Cargo Steel Iron Co. Ltd. Bolckow Vaughan & Co. Ltd. Pease & Partners Ltd. Consett & Co.

Zulchhoffnungshütte Walzwerk, Oberrhausen.

Has the Steel been tested as required by the Rules? **Yes.**

EQUIPMENT No. 2580.												LETTER		ANCHORS.	
Number of Certificate.	Anchor.	WEIGHT, EX. STOCK.			WEIGHT OF STOCK.			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 53.	Description of Anchor.	Makers.	Where and when tested and Superintendent.	
H1782	1st Bower ...	Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	Britannic	—	C.H. 31.3.26. S.C. Paul
H1783	2nd „ ...	4	2	7	Stockless			7	0	0	0.	45			
	3rd „ ...	4	2	4	„			6	17	2	0.	45			
	Collective weight.	9	0	11.	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	„ „ „
	Stream	✓	✓	✓	✓	✓	✓	✓	✓	✓	✓	9.	✓	✓	✓

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.	Ins.	Tons.	Tons.	Cwts.	qrs.	lbs.	Fathoms.	Ins.						Fathoms.	Ins.	Tons.	Fathoms.	Ins.
39142	60	13 1/2	11.875	17.8	20	3	5	20 1/2	60	13 1/2	Stud Henry Rees.	C.H. 20.4.26. S.C. Paul		Steel	60	13 1/2	manilla	60	13 1/2
		13 1/2													60	13 1/2		60	13 1/2
		13 1/2													60	13 1/2		60	13 1/2

Steering Gear, Steam by Donkin. 4 1/2" dia. x 5" stroke. Steering Gear, Hand + Steam combined.

Boats none. Steering Chains, Size and Test 5" T. 12. 1. Windlass Emerson Walker + Thompson

Ceiling in Holds, thickness and material none. Cargo Battens, thickness, material and spacing none.

Cargo Hatchways. (Upper Deck) Thickness of Hatches

Size of No. 1 Hatchway (Forward) No. 2 No. 3 No. 4 No. 5 No. 6

Number of Shifting Beams and/or Fore and Afters

FOR ALEXANDER HALL & CO., LTD.

Builder's Signature *[Signature]* SECRETARY

GENERAL DECLARATION

This vessel has been built in accordance with the Secretary's letters, the rules and approved plans, for the intended class 100 A.I. (For Towing Services)

The materials and workmanship are good.

The Peaks, weather deck and bulkheads, have been satisfactorily tested.

The following approved plans are forwarded herewith, viz: - Profile and Deck. Midship Section, Engine + Boiler Seatings, Stern Frame, Rudder Frame, Bulkheads, Keelsons and Pumping arrangement, together with 2 reports on Forging, also revised Profile.

The amount of Entry Fee £ 2 : 0 : 0. Fees applied for, Aug. 28. 1926

Special Survey Fee.... £ 20 : 0 : 0. Received by me, 14.12.26

Travelling Expenses, if any £ : : : ✓

I am of opinion the Vessel should be Classed 100 A.I. FOR TOWING SERVICES.

State whether the Vessel has been built under Special Survey Yes

Certificate to be sent to Aberdeen. Date of issue 6/12/26

Signature J. Richardson
Surveyor to Lloyd's Register of Shipping.

Committee's Minute FRI. 8 SEP. 1926

Character assigned 100 A.I. For towing services

Lloyd's assent + time 8.26

0.9.



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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.)

PILLARS,

"

"

"

"

Centre of
Stiffening

Plating

STRINGER
Upper
Stringer

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

1st Bower

2nd "

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 is joined to the B.D., this should be distinctly stated

No. and Material of Decks (this information is to be given as it should appear in the Register Book). One Deck Steel.

Official No. 149704. ; Signal Letters

Particulars of composition

Is bottom of Vessel coated with cement. Yes. if not give

PARTICULARS OF WATER BALLAST.—

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,		
Double bottom, under Engines and Boilers,			After peak tank,		
Double bottom, if under Engines only,			Deep tank, aft,		
Double bottom, if under Boilers only,			Deep tank, forward,		
Double bottom, forward,			Other tanks, if fitted,		
Total capacity of double bottom			(If necessary, furnish further information by sketch.)		
* The wells are not to be included in the lengths of the tanks.					

Order for Special Survey No. 1721.

Date 6. 4. 26.

Dates of Surveys
held while building

1926 - March 19th April 5. 7. 8. 13. 22. 24. 27. 28. May 4. 6. 12. 18. 26.
June 1. 7. 11. 15. 22. 25. July 1. 6. 7. 13. 26. August 10. 12. 13. 17. 21.

Total No. of Visits 30.