

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office TUE. JUL. 6 1920

Date of completion of report
Survey held at

Reverley & Hull

State if Report is also sent on the Machinery of the Vessel

Yes

1-7-20

Port of

Hull

Date, First Survey

Dec 3/18

Last Survey

No.

31933

Jan 24

1920

On the (State if Single, Twin, or Triple Screw)

S.S. THOMAS ALEXANDER

Rig

Ketch

TONNAGE under

248.83

Tonnage Deck

Do. between Tonnage Dk. and 3rd and 4th Dk.

Total under Upper Dk.

Do. of Poop

BREAK 11.80

Do. of R.Q.Dk.

CHART 5.87

Do. of Bridge House

10.94

Do. of Forecastle

Do. of Houses on Dk.

Do. of Houses of Hatchways

12.72

Do. of Crown of

Room 290.16

Do. of Space

12.72

Do. of Crown of

Room 277.44

Do. of Space

15.47

Do. of Room

2.87

Do. of Spaces

126.58

CLASS 100A.1
STEAM TRAWLER

FEET.

Breadth (greatest moulded)

23.37

Depth at middle of length from top of keel to top of upper deck beams at side

13.50

Transverse Number

36.87

Length on deck from fore part of stem to after part of stern post

125.00

Longitudinal Number

4608.75

Depth "d," at middle of length (See Secs. 2 & 13)

12.16

Proportions—Depths to Length—Upper Deck Beam at side to top of keel

9.26

Long Bridge Deck Beam at side to top of keel

Master

Year of appointment

(1) As Master in service of owner of present vessel—191
(2) As Master of this vessel—191

Built at

Reverley

When built

1920

Launched 18.7.19

By whom built

Cook, Welton & Samuels Ltd

Owners

Admiralty

Managers

(Where necessary to be entered in Reg. Book)

Residence

Port belonging to

Destined Voyage

Fishing

If Surveyed while Building, Afloat, or in Dry Dock

Yes

Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
125	0	Moulded	23	4 1/2	Do. do. do. do.	Second Dk. Beams	12	9	one

Moulded depth, ft.	ins.	To Bridge Dk.	Round of Upper	ins.
13	6	To Upper Dk.	Dk. Beam, Actual	7

FRAMING.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	PILLARS.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
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Angles, or E or E Bars amidships	4 1/2	3	9/20	4 1/2	3	9/20	PILLARS in 'tween Deck, size and spacing	3' as arranged					
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Peaks	4 1/2	3	9/20	4 1/2	3	9/20	" Hold						
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in way of Double Bottoms at Solid Floors							" Quarter 'tween Dks.						
--	--	--	--	--	--	--	-----------------------	--	--	--	--	--	--

" at intermdt. Bkts.							" in Hold						
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Frames from centre to centre amidships	21			21			KEELSONS & STRINGERS.						
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" length to Collision bulkhead	21			21			CENTRE LINE KEELSON, Vertical Plate above	8 1/2	1/2	8 1/2	1/2		
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" in peaks	21			21			" Rider Plate						
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TURNED FRAME, Angles	3	3	6/20	3	3	6/20	" Flat Plate Keel Angles						
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in way of Double Bottoms at Solid Floors							" Horizontal Plates on Floors						
--	--	--	--	--	--	--	-------------------------------	--	--	--	--	--	--

" at intermdt. Bkts.							" Angles or Bulb Angles	5	3	5	3	5	
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IRONS, depth of girder	16		8/20	16		8/20	SIDE KEELSONS, Number						
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IRONS, depth and thickness of Floor Plate at mid-line for 1/4 length amidships							" Angles or Bulb Angles						
--	--	--	--	--	--	--	-------------------------	--	--	--	--	--	--

in way of Engine and Boiler Spaces							" Plate above floors, for length						
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thickness at the ends of vessel							" Intercostal Plate, for length						
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depth at 1/2 the half breadth, as per Rule							" Attached to outside Plating with Angle						
--	--	--	--	--	--	--	--	--	--	--	--	--	--

height extended at the Bilges							BILGE KEELSON, Angle	5	4	8/20	5	4	8/20
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IRONS in Cell. Double Bottoms							" Intercostal Plate for length						
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state if flanged (top & bottom)							" Attached to outside Plating with Angle						
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Spacing of Solid floors							SIDE STRINGERS, Number	ONE					
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REG GIRDER, in Dbl. bottom, dpth. & thcknss.							" Angle	ONE	5	4	8/20	5	4	8/20
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" Angles, Top							" Intercostal Plate, for length						
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" Bottom							" Attached to outside plating with Angle						
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" to Floors							Upper Deck Stringer Plate, br'dth & thickness	24 x 9/16 TO 17 x 9/16	24 x 9/16 TO 17 x 9/16				
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Brackets at intermdt. frmg., width & thcknss							" " " " (clear of Bridge)						
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GIRDERS, number on each side & thickness							" " " " (in way of Bridge)						
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state if flanged (top and bottom)							" " " " Angle (clear of Bridge)						
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Angles (top and bottom)							" Tie Plate at sides of Hatchways						
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" to Floors							" Deck * Iron or Steel, for length	9/16 TO 3/2	9/16 TO 3/2				
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IN PLATE, depth (exclusive of flange) and thickness							" Thickness (clear of Bridge)						
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" Angle to Outside Plating							" (in way of Bridge)						
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" Floors							" Wood Deck. Material & thickness	5 x 3 P.PINE					
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Brackets at intermdt. frmg., width & thcknss							Second Deck Stringer Plate, br'dth & thickness						
--	--	--	--	--	--	--	--	--	--	--	--	--	--

Height of Outside Brackets above at bilge							" Angles on ditto, No.						
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WEB FRAMES.				Inches in Ship.	Inches in Ship.	Inches per Rule. Or as Approved.	Inches per Rule. Or as Approved.	FORGINGS or CASTINGS.		Inches in Ship.	Inches per Rule. Or as Approved.	
WEB-FRAMES, In Fore Body, No. and spacing								KEEL, Bar, depth and thickness	BULB	7 1/2 x 1 1/8	7 1/2 x 1 1/8	
" " " brdth. & thickness								STEM, moulding and thickness	D ^o	7 1/2 x 1 1/8	7 1/2 x 1 1/8	
" " " No. of Side Stringers								STERN-POST for Rudder do. do.		6 x 3	6 x 3	
WEB-FRAMES, In E. & B. Space, No. & spacing								For Propeller		6 x 3	6 x 3	
" " " brdth. & thickness								RUDDER—A x D* Table 22. Speed	10 1/2 KNOTS	71.84		
WEB-FRAMES, In After Body, No. and spacing								" Main-Piece, diameter at head		4 1/2	4 1/2	
" " " brdth. & thickness								" " " at heel		3 x 2 3/4	3 x 2 3/4	
" " " No. of Side Stringers								RUDDER, how constructed <i>Forged scrap Iron</i>				
" " " Size of Face Angles to Web-Frames								Thickness of Plates or Single Plate <i>28</i>				
BRACKET PLATES to Stringers between Web Frames, depth and thickness								Can the Rudder be unshipped afloat? <i>Yes</i>				
BULKHEADS.				Number.	Thickness.	STIFFENERS.		Single or Double Frames.	Height up, state deck.			
				Vessel.	Per Rule.	Horizontal.	Vertical.					
				Inches.	Inches.	Size.	Spacing.	Size.	Spacing.			
				Inches.	Inches.	Inches.	Inches.	Inches.	Inches.			
W.T. BULKHEADS				3	3							
FRAME 44				N ^o 2	40-5/16	5 1/2 x 3 1/2	24	SINGLE DECK				
D ^o 6				N ^o 3	6/16	4 x 3 x 1/2	24	D ^o				
D ^o 66												
" COLLISION "				N ^o 1	40-5/16	5 1/2 x 3 1/2	24	D ^o				
PARTITION "												
LONGITUDINAL "												
Are the outside Plates doubled two spaces of Frames in length? <i>Approved twice</i>												
Are the Sluice Valves and Watertight Doors in efficient working order? <i>Yes</i>												
PLATING.						RIVETING.						
STRAKES.						UPPER EDGES.						
AS IN SHIP.						ORDINARY or JOGGLED?						
PER RULE OR AS APPROVED.						ORDINARY						
AMIDSHIP.						BUTTS.						
Breadth.						Double or Triple and for what Length.						
Thickness.						RIVETS.						
Inches.						Diam.						
Inches.						Spacing or to cr.						
Inches.						Breadth.						
Inches.						Thickness.						
Inches.						Breadth.						
Inches.						For what Length.						
Inches.						Feet.						
FLAT PLATE KEEL.....						D.R.						
(1) Bar Keel, state Riveting.						4 1/2						
GARBOARD or A Strake						3 1/4						
State actual thickness in wa. of Double Bottom.						3						
B "						3						
C "						3						
D "						3						
E "						3						
F "						3						
SHEER G "						3						
H "						3						
J "						3						
K "						3						
L "						3						
M "						3						
N "						3						
O "						3						
P "						3						
Q "						3						
R "						3						
S "						3						
T "						3						
U "						3						
V "						3						
W "						3						
THICKNESS OF SHEER STRAKE						3						
CLEAR OF LONG BRIDGE						3						
DO. OF STRAKE BELOW						3						
DBLG. of Flat Plate Keel						3						
" Sheerstrakes						3						
Length and thickness.						3						
POOP SIDES						3						
SHORT BRIDGE SIDES						3						
FORECASTLE SIDES						3						
* Where a long bridge is fitted the thickness of Upper Deck Sheerstrake and Strake below should also be stated clear of same.												
Upper Deck						Butts of Side Stringers						
Butts, riveted for <i>Full</i> length amidship.						riveted.						
Stringer Plate						Tie Plates						
Straps, single, double or overlapped for <i>Full</i> length amidship.						riveted.						
Second Deck						Inner Bottom Plating, riveting of Edges						
Butts, riveted for <i>Full</i> length amidship.						riveted.						
Stringer Plate						Centre Girder Butts						
Straps, single or overlapped for <i>Full</i> length amidship.						riveted.						
						Keelson Butts						
						riveted.						
						Frames, riveted through Plates with <i>3/4</i> in. Rivets, about <i>5 1/2</i> apart.						
						Rivets, state whether Iron or Steel <i>Iron</i>						
FRAMES extend in one length from <i>Kel</i> to <i>Deck</i> State if ordinary or joggled <i>Ordinary</i>												
REVERSED FRAMES on floors and frames extend from <i>Bilge to Bilge where no current</i> State if ordinary or joggled <i>Ordinary</i>												
MASTS, SPARS, &c.												
DIAMETER AND THICKNESS.												
At Partners.												
Heel.												
Hounds.												
Head.												
No. of Plates in round.												
ANGLES.												
Number.												
Size.												
Seams.												
Butts.												
LOWER MASTS.....												
Fore												
Main												
Mizen												
Bowsprit												
Topmasts, Yards and Remainder of Spars												
Rigging, Material and Size, Shrouds												
Sails.												
Suit of												
Sails, and the following spare sails												

EQUIPMENT No.				LETTER				ANCHORS.				TONNAGE U. DK. OR PLATING No. FOR TRAWLERS						
Number of Certificate.	Anchors.	WEIGHT, EX. STOCK			WEIGHT OF STOCK			TEST, PER CERTIFICATE.			WEIGHT REQUIRED BY TABLE 31.			Description of Anchor	Makers.	Where and when tested and Superintendent.		
		Cwts.	qrs.	lbs.	Cwts.	qrs.	lbs.	Tons.	cwts.	qrs.	lbs.	Cwts.	qrs.				lbs.	
30640	1st Bower ...	8	2	14	STOCKLESS	10	15	0	0	7	1	0	STOCKLESS	Griffin & Sons	C.H. 22.1.19	Paul		
31409	2nd " ...	7	1	0	00	9	9	14	6	2	0	0	D0	D0	C.H. 6.3.19	Paul		
28584	3rd " ...	2	2	18	00	2	18	5	2	2	0	3	0	0	ORDINARY	NOT STATED	C.H. 14.3.18	Paul
	4th " ...	18	2	4	-11%					16	3	0						
	Collective weight.																	
	Stream																	
	Kedge.....																	

If Patent state Name of Patentee

U Stockless state Mechanical Tests.

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

1st Bower
2nd "
3rd "
4th "

CHAIN CABLES.

HAWSERS 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 Towline.	Length and Size per Table 31.	
	Length.	Diam.	Stations.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.					Length.	Ins.		Length.	Ins.
11689	15	1 1/2	20.3	20.4	9.2.28				Steel Kinked + mole	Swat 29.1.19		TOWLINE	60	2 1/2	12.3	60	2 1/2
52830	15	1 1/2	20.3	20.4	9.1.19	60.2.18	105	1 1/2	0°	0°	1.16.4.19	HAWSERS & WARPS	60	2 1/2	10.1	60	2 1/2
52883	75	1 1/2	20.3	20.4	47.9.11				0°	0°	1.26.4.19						
	1 1/2	0ir.			64.0.27				0ir.								

Boats *One*

Steering Gear, Steam

Steering Gear, Hand

Pumps, Number *4*

Diameter of Barrel *4"*

State whether they are in efficient working order *Yes*

Windlass is *Shaw, Lammie & Brown*

Capstan

Engine Room Skylights.—How constructed? *Slag plates + angles*

What arrangements for deadlights in bad weather? *Slag plates + bullseyes*

Coal Bunker Openings.—How constructed? *C.I. discs*

How are lids secured? *Locked*

Height above deck? *Flush*

Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. *6 Scuppers + 4 ports 12 24" x 10" + 32 18" x 9" on side*

Cargo Battens, thickness and material

Ceiling in Holds, thickness and material

Cargo Hatchways.—How formed? *5 cutters Slag plates + angles*

Hatches, If strong and efficient? *Yes*

State size No. 1 Hatch (Forward)

No. 2 Hatch

No. 3 Hatch

No. 4 Hatch

Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch

No. of Breasthooks *2*

No. of Crutches

Bulwarks, height above deck and description *25' x 44' x 5' 1/2" Stid*

Main Rail, material and size *6 1/2" x 3" x 920 bulb angle*

The foregoing is a correct description. *COOK, WELTON & GEMMELL, LTD.*

Surveyor's Signature

Surveyor to Lloyd's Register of Shipping.

Builder's Signature (here only)

W. Hutton DIRECTOR

Correspondence.—State dates and initials of letters respecting this case (Reference should be made in any correspondence connected with the case)

M. 5.3.17, 1.8.17

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 facing 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 *Satisfactory*

Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? *Yes*

State results of tests *Satisfactory*

General Remarks (State quality of workmanship, &c.)

This vessel has been built under Special Survey in accordance with the approach plans, the Secretary's letters referred to above and in general conformity with the Rules of this Society. The materials and workmanship are good throughout

SISTER VESSEL S.S. THOMAS ALLEN HULL RPT. No. 51716

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.

The amount of Entry Fee £ *4 : 0 : 0*

Special Survey Fee.... £ *27 : 14 : 0*

Travelling Expenses, if any £

Fees applied for,

30-6 1920

Received by me, *M.R.*

30-6 1920

Certificate to be sent to

Hull

Date of issue

9.7.20.

State whether the Vessel has been built under Special Survey

I am of opinion this Vessel should be Classed

18100 A.1 STEAM TRAWLER

Matthew Blackwood

With, or without Freeboard, as condition of Class

Without

Surveyor to Lloyd's Register of Shipping.

Committee's Minute

FRI JUL 9 1920

Character assigned

*100 A1
Stm Trawler*

Lloyd's Arch.

+ LMC 6.20

Work Hgt.



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Lloyd's Register Foundation

GENERAL REMARKS—(continued).

[Faint, mostly illegible handwritten notes and numbers are visible in this section.]

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 (if ~~Iron~~ Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given in the Register Book) *105 STL. W.S.*
 Official No. _____; Signal Letters _____ State if Machinery is fitted aft *Made aft.*
 How are the surfaces preserved from oxidation? Inside *Paint, Cement, + Bitumastic Solution* Outside *Paint*

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

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.

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

Order for Special Survey No. _____
 Date _____
 No. *420* in builder's yard.
 DATES OF SURVEYS held while building
*1918: Dec 3 1919: Mar 25-31 Apr 10-23 30 May 8-15-26 Jun 2-23 Jul 3-7
 Sep 23 Oct 1-14-24-30 Nov 5-10-18 Dec 3-22 1920 Jan 10 Feb 9*

Surveyor's Signature *Matthew Blackwood*
 Total No. of Visits _____
 Lloyd's Register Foundation