

With or Without
Disconnected Erections.

STEEL STEAMER.

Received at London Office DEC. 23 1920

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

Date of completion of report *22nd Dec 1920*

Port of *Southampton*

No. *10809*

Survey held at *Southampton*

Date, First Survey

Last Survey *14th December 1920*

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

S. S. "ALLAN WATER"

Rig *Schooner*

TONNAGE under

393.35

CLASS *+100 A.1*

FEET.

Master *John Mills*

Tonnage Deck...

Breadth (greatest moulded)...

25.5

Year of appointment

(1) As Master in service of
owner of present vessel:—
(2) As Master of this
vessel:—
12 1920

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

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

12.0

Built at *Southampton*

Do. of Poop Deck

Transverse Number...

37.5

When built *1920* Launched *14th October*

Do. of Bridge House

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

165.5

By whom built *Day, Summers & Co. Ltd.*

Do. of Forecastle

Longitudinal Number...

6206.25

Owners *J.W. Fisher & Co.*

Do. of Houses on Dk.

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

9.5 M.D.

Managers *Griff Chambers*

Do. of excess of Hatchways

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

12.5 RQD.

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

Do. above Crown of Engine Room

Beam at side to top of keel

11.03

Residence *Water Street, Liverpool.*

Gross Tonnage

Destined Voyage *Coasting*

If Surveyed while Building, Afloat, or in Dry Dock *Yes*

Less Crew Space

Length on Deck

165

Breadth Moulded

25

Depth, Actual—Top of Floors to top of Upper Dk. Beams

10

Do. do. do. do. Second Dk. Beams

10

No. of Decks with flat laid *one*
No. of Tiers of Beams *one*

Dimensions of Ship per Register, Length *165.5* breadth *25.7* depth *9.65*

Moulded depth, ft. *12* ins. *0* To *MAIN* Dk. Round of Upper Dk. Beam, Actual *6* ins.
Moulded depth, ft. *15* ins. *0* To *RED* Dk.

FRAMING.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
NAME, Angles, or Bars amidships	M.D.	5	3	32	5	3	32
to. in peaks	ROD	5	3	40	5	3	40
to. in way of Double Bottoms at Solid Floors	BOILER R	5	3	36	5	3	34
" " at intermdt. Bkts.		5	3	34	5	3	34
ing of Frames from centre to centre amidships		2 1/2			2 1/2		
" " length to Collision bulkhead							
" " in peaks							
VERSED FRAME, Angles		5	3	28	5	3	28
o. in way of Double Bottoms at Solid Floors		3	3	28	3	3	28
" " at intermdt. Bkts.							
AMING, depth of girder		5	3	5			
DOORS, depth and thickness of Floor Plate at mid-line for 1/2 length amidships		35	36	30	36	30	
in way of Engine and Boiler Spaces		34	16	40	34	16	40
thickness at the ends of vessel				26			26
depth at 1/2 the half breadth, as per Rule				level on top			
height extended at the Bilges							
ORS in Cell. Double Bottoms		30		28	30		28
state if flanged (top & bottom)		no		no			
Spacing of Solid floors		2 1/2		2 1/2			
TRE GIRDER, in Dbl. bottom, dpth. & thcknss.		30	36	30	36	30	
" Angles, Top		3	3	34	3	3	34
" " Bottom		3 1/2	3 1/2	36	3 1/2	3 1/2	36
" " to Floors		3	3	28	3	3	28
Brackets at intermdt. frmg. width & thcknss							
E GIRDERS, number on each side & thickness		one		28	one		28
" state if flanged (top and bottom)		no		no			
" Angles (top and bottom)		3	3	28	3	3	28
" " to Floors		2 1/2	2 1/2	28	2 1/2	2 1/2	28
GIN PLATE, depth (exclusive of flange) and thickness		20		30	20		30
" Angle to Outside Plating		3	3	30	3	3	30
" " Floors		3	3	28	3	3	28
Brackets at intermdt. frmg. width & thcknss							
Height of Outside Brackets above at bilge				6			6
R BOTTOM PLATING, breadth and thickness of Middle Line Strake		40		32	42		32
" " in Engine and Boiler space							
" Remainder in Holds				30			30
MS, Upper Deck, Single Angle, Bulb		5	3	30	5	3	30
Angle, Plate, Tee Bulb, or Channel		5 1/2	3 1/2	40	5 1/2	3 1/2	40
In way of Long Bridge		5 1/2	3	40	5 1/2	3	40
* Beams		2 1/2	5 1/2	43	2 1/2	4 1/2	43
Spacing		4	3	30			30
MS, Second Deck, Single Angle, Bulb		5	3	30	5	3	30
Angle, Plate, Tee Bulb, or Channel		5 1/2	3	40	5 1/2	3	40
* Beams		2 1/2	3	30			30
Spacing		2 1/2					
MS, Third and Fourth Deck, Single Angle, Bulb							
Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
MS, Poop Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel							
Angles on upper edge							
Spacing							
BEAMS, Bridge Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		4	3	34	4	3	34
" Angles on upper edge							
" Spacing		43		43			
BEAMS, Forecastle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel		5 1/2	3	40	5 1/2	3	40
" Angles on upper edge							
" Spacing		43		43			

PILLARS.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
PILLARS In 'tween Deck, size and spacing		2 1/2	43	2 1/2	43		
" " Hold							
" " Quarter 'tween Dks.,							
" " in Hold							
KEELSONS & STRINGERS.		Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship	Inches in Ship
CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate		19	34	30	19	34	30
" Rider Plate							
" Flat Plate Keel Angles		3 1/2	3 1/2	34	3 1/2	3 1/2	34
" Horizontal Plates on Floors							
" Angles or Bulb Angles		5 1/2	3	40	5 1/2	3	40
SIDE KEELSONS, Number		one					
" Angles or Bulb Angles		5	4	46	5	4	46
" Plate above floors, for length							
" Intercoastal Plate, for length				30			30
" Attached to outside Plating with Angle		3	2 1/2	30	3	2 1/2	30
BILGE KEELSON, Angles							
" Intercoastal Plate for length							
" Attached to outside Plating with Angle							
SIDE STRINGERS, Number							
" Angle							
" Intercoastal Plate, for length							
" Attached to outside plating with Angle							
Upper Deck Stringer Plate, br'dth & thickness (clear of Bridge)		54	50	30	54	50	30
" " " " br'dth & thickness (in way of Bridge)		54	50		54	50	
" " " " Angle (clear of Bridge)		3 1/2 x 3 1/2	46		3 1/2 x 3 1/2	46	
" " Tie Plate at sides of Hatchways		3 x 3	32		3 x 3	32	
" Deck * Iron or Steel, for full lng.							
" " Thickness (clear of Bridge)				30			30
" " (in way of Bridge)				30			30
Wood Deck. Material & thickness							
Second Deck Stringer Plate, br'dth & thickness		53	36	30	53	36	30
" Angles on ditto, No.		3 x 3	38	32	3 x 3	38	32
" Tie Plates outside Hatchways							
" Deck * Iron or Steel, for full lng.							
" Wood Deck. Material & thickness							
Third Deck Stringer Plate, br'dth & thickness							
" Angles on ditto, No.							
" Tie Plates, outside Hatchways							
" Deck * Material and thickness							
Fourth and Fifth Deck Stringer Plate, breadth & thickness							
" Angles on ditto, No.							
" Tie Plates outside Hatchways							
" Deck. Material & thickness							
Poop Deck Stringer Plate, breadth & thickness							
" Angle on ditto							
" Tie Plates							
" Deck. Material and thickness							
Bridge Deck Stringer Plate, br'dth & thickness		29	24		29	24	
" Angle on ditto		3 x 3	24		3 x 3	24	
" Tie Plates							
" Deck. Material and thickness							
Forecastle Deck Stringer Plate, br'dth & th'kns		15	24		15	24	
" Angle on ditto		3 x 3	24		3 x 3	24	
" Tie Plates							
" Deck. Material and thickness							

* If Iron or Steel Deck, state if whole or part, and if Wood Deck is laid thereon.

Form No. 1A. WEB FRAMES. FORGINGS or CASTINGS. BULKHEADS. W.T. BULKHEADS. COLLISION PARTITION LONGITUDINAL. PLATING. STRAKES. RIVETING. BUTTS. THICKNESS OF SHEERSTRAKE. CLEAR OF LONG BRIDGE. DO. OF STRAKE BELOW. DBLG. of Flat Plate Keel. Length and thickness. POOR SIDES. SHORT BRIDGE SIDES. FORECASTLE SIDES. Main R.R. Upper Deck Stringer Plate. Second Deck Stringer Plate. FRAMES extend in one length from. REVERSED FRAMES on floors and frames extend from. MASTS, SPARS, &c. LOWER MASTS. Bowsprit. Topmasts, Yards and Remainder of Spars. Rigging, Material and Size, Shrouds. Sails. One main sail. Suit of. Sails, and the following spare sails.

EQUIPMENT No. LETTER ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Steering Gear, Hand. Pumps, Number. Diameter of Barrel. Windlass is. Capstan. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. Ceiling in Holds, thickness and material. Cargo Hatchways. Hatches, If strong and efficient? No. 1 Hatch (Forward). No. 2 Hatch. No. 3 Hatch. No. 4 Hatch. No. of Breasthooks. No. of Crutches. Bulwarks, height above deck and description. The foregoing is a correct description. Builder's Signature. Correspondence. Workmanship. Is the riveted work properly closed? Are the liners between the frames and plates solid single pieces? Do the holes for riveting plate to frames, butt straps, or plate to plate, &c., conform well to each other? Are the rivet holes well and sufficiently countersunk in the plate and punched from the faying surfaces? Do any rivets break into or through the seams or butts of the plating? Are the butts of Plating, Stringers, &c., properly shifted and strapped? Have all the upper and weather decks been tested as required by the Rules (Sec. 26, par. 20)? Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? General Remarks. This vessel has been built in accordance with the approved plans forwarded herewith, the Secretary's letters referred to above and in general conformity with the rules for the class contemplated. Spare tiller and relieving tackle fitted. Stem, stemframe & main forgings were made by builders examined & found satisfactory. 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. Special Survey Fee. Travelling Expenses, if any. State whether the Vessel has been built under Special Survey. I am of opinion this Vessel should be Classed. With, or without Freeboard, as condition of Class. Committee's Minute. Character assigned. Lloyd's A.S.B.P. 1100. 21.12.20. W 429 0105(212)

WEB
FRAMES, In
No. of Side
FRAMES, In
No. of Side
Size of Face
KET PLAT
Frames, de
KHEADS.
LKHEADS
LISION,,
TION,,
TUDINAL,,
Outside Plates
Sluice Valves
TRAKES.
LATE KEEL...
RD of A Str
B
C
D
E
F
G
H
J
K
L
M
N
O
P
Q
R
S
T
U
V
W

GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop ☒ ft., R.Q.D. 95 ft., Bridge 10.93 ft., Forecastle 2.89 ft. (in feet and tenths). When the Poop is joined to the B.D., this should be distinctly stated not joined

No. and Material of Decks (if Iron or Steel) and whether wholly or partially covered with wood, and No. of tiers of Beams (this information is to be given should appear in the Register Book) one dk (stl)

Official No. 143702; Signal Letters

State if Machinery is fitted aft machinery aft

How are the surfaces preserved from oxidation? Inside Paint recent

Outside Paint

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

Where Fitted.	*Length. Feet.	Water Capacity. Tons.	Where Fitted.	*Length. Feet.	Water Capacity. Tons.
Double bottom, aft,			Fore peak tank,	19	20
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, <u>of mach. space</u>	91.45	143.3	Other tanks, if fitted,		
Total capacity of double bottom		143.3	(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. yes

Order for Special Survey No. 24

Date 9th March 1920

No. 185 in builder's yard.

DATES OF SURVEYS held while building

1919. Nov. 28. Dec. 15. 20. 23. 1920. Jan. 14. 21. Feb. 13. 17. 20. March. 1. 4. 8. 15. 16. 19. Apr. 1. 7. 15. May. 6. 11. 14. 19. 31. June. 1. 4. 8. 14. 28. July 5. 19. Aug. 6. 16. 23. 26. 30. 31. Sept. 16. 20. 21. 23. 27. Oct. 5. 9. 14. 19. 21. 28. Nov. 2. 4. 5. 10. 11. 15. 19. 23. 26. 27. 29. Dec. 2. 3. 8. 13. 14

Surveyor's Signature For L. Phillips Self. John A. L.

