

With or Without

# STEEL STEAMER.

110 OCT. 6 1921

Received at London Office

## Disconnected Erections.

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

Date of completion of report  
Survey held at

5<sup>th</sup> October 1921.

Port of

*Aberdeen*

No. *12809*

Date, First Survey

*14<sup>th</sup> September 1920*

Last Survey

*17<sup>th</sup> July*

1921.

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

*single sc. "CAIRNSIDE"*

Rig *schooner*

TONNAGE under

*368.64*

CLASS *100 A1*

FEET.

Master

Year of appointment

(1) As Master in service of  
owner of present vessel—19  
(2) As Master of this  
vessel—19

Tonnage Deck

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

Total under Upper Dk.

Do. of Pop.

Do. of R.Q.Dk.

Do. of Bridge House

Do. of Forecastle

Do. of Houses on Dk.

Do. of excess of Hatchways

Do. above Crown of

Engine Room

Gross Tonnage

Less Crown Space

Less above Crown of

Engine Room

TONNAGE FOR FEES

Less Engine Room

Less Navigation Spaces

Less Space

Net Tonnage

Net on Beam

Breadth (greatest moulded)

Depth, at middle of length from top of keel to top of

upper deck beams at side

Transverse Number

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

stern post

Longitudinal Number

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

Proportions—Depths to Length—Upper Deck Beam at

side to top of keel

" " Long Bridge Deck

" " Beam at side to top of keel

Destined Voyage

*Coasting*

If Surveyed while Building, Afloat, or in Dry Dock

Length on Deck 165 0 Breadth Moulded 26 0 Depth, Actual—Top of Floors to top of Upper Dk. Beams 13 10

Do. do. do. do. Second Dk. Beams 2 10

Moulded depth, ft. 12 ins. 6 1/2 To Bridge Dk. Round of Upper Dk. Beam, Actual 8 ins.

Moulded depth, ft. 12 ins. 6 1/2 To Upper Dk.

Dimensions of Ship per Register, Length 165.9 breadth 26.05 depth 10.2

FRAMING. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship. Inches in Ship.

E. Angles, or E. Bars amidships 5 1/2 3 3/4 4 1/2 3 3/4

in peaks PLAIN ANGLE 4 3 3/4 4 3 3/4

in way of Double Bottoms at Solid Floors 3 3 3/4 3 3 3/4

INCREASED FROM 3/4 IN WAY TO COLL. BULKHEAD at intermdt. Bkts. 3 1/2 3 3/4 3 1/2 3 3/4

" " " " 2 1/2 2 1/2 2 1/2 2 1/2

of Frames from centre to centre amidships from 1/2 length to Collision bulkhead 2 1/2 2 1/2 2 1/2 2 1/2

" " " " 3 3 3/4 3 3 3/4

INCREASED FRAME, Angles 3 3 3/4 3 3 3/4

in way of Double Bottoms at Solid Floors 3 3 3/4 3 3 3/4

" " " " 3 3 3/4 3 3 3/4

at intermdt. Bkts. TANK TOP INCREASED 0.4

ING, depth of girder 5 1/2 3 3/4 4 1/2 3 3/4

RS, depth and thickness of Floor Plate 30 28 30 28

at mid-line for 1/2 length amidships E.36 B.42 E.36 B.42

in way of Engine and Boiler Spaces 28 28

thickness at the ends of vessel 28 28

depth at 1/2 the half breadth, as per Rule 28 28

height extended at the Bilges 28 28

RS in Cell. Double Bottoms 38 38

" " " " 710 710

state if flanged (top & bottom) 2 1/2 2 1/2 2 1/2 2 1/2

Spacing of Solid floors 30 30 30 30

RE GIRDER, in Dbl. bottom, dpth. & thcknss. 3 3 3 3

" " " " 3 3 3 3

" " " " 3 3 3 3

" " " " 3 3 3 3

Brackets at intermdt. frmg. width & thcknss. 3 3 3 3

GIRDERS, number on each side & thickness 3 3 3 3

" " " " 3 3 3 3

state if flanged (top and bottom) 3 3 3 3

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WEB FRAMES. In Fore Body, No. and spacing. SHELL PLATING INCREASED IN LIEU OF JOE STRINGER. WEB FRAMES, In E. & B. Space, No. & spacing. STERN-POST for Rudder do. do. RUDDER-A x D\* Table 22. Speed. Main-Piece, diameter at head. RIGGING. MASTS, SPARS, &c.

EQUIPMENT No. 402642. LETTER H. ANCHORS. TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS. CHAIN CABLES. HAWSERS AND WARPS. Boats. Steering Gear, Steam. Pumps, Number. Windlass is steam. Engine Room Skylights. Coal Bunker Openings. Number of Scuppers. Ceiling in Holds. Cargo Hatchways. State No. 1 Hatch. Bulwarks. Correspondence. Workmanship. General Remarks. This vessel has been built under Special Survey, and in accordance with the Secretaries letters, the Rules, and approved plans, for the intended class 100 A1. The materials and workmanship are good. The peak tanks, ballast tanks, decks, and carings have been tested, handpumps, steering gear, capstan and windlass tried, and everything found satisfactory. Owing to joiners strike, vessel taken to Blyth, where the accommodation for the crew has been fitted under the supervision of the Newcastle surveyors. Please see letter attached. The following plans (originally approved for the sister vessel S.S. Cairnside) Builders No 484 and lost during the war) are forwarded herewith viz. Midship section, Profile & Deck, Strengthening at break, Double bottom in boiler spaces. Collision Bulkhead, Stern Rudder Frames, and Pumping arrangement as amended, together with one report on forgings, and detail plans of hatchways.

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 as should appear in the Register Book) 1 dk steel

Official No. 144834; Signal Letters \_\_\_\_\_

How are the surfaces preserved from oxidation? Inside Portland Cement & paint  
Cement & bitumastic in Bunkers & under boiler. State if Machinery is fitted aft yes Outside paint

PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed			Where Fitted.		
Where Fitted.	*Length.	Water Capacity.	Where Fitted.	*Length.	Water Capacity.
	Feet.	Tons.		Feet.	Tons.
Double bottom, aft, <i>Nº 2 TANK.</i>	32.2	145	Fore peak tank,	13.5	35
Double bottom, under Engines and Boilers,	✓	✓	After peak tank,	9.0	14
Double bottom, if under Engines only,	✓	✓	Deep tank, aft,	✓	✓
Double bottom, if under Boilers only,	✓	✓	Deep tank, forward,	✓	✓
Double bottom, forward,	41.6	95	Other tanks, if fitted,	✓	✓
Total capacity of double bottom		140	(If necessary, furnish further information by sketch.)	✓	✓
			(If necessary, state as required by the Rules)	yes.	

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

# DATES of Surveys held while building

1920 Sept. 14, 14, 24 - Oct. 6 - Nov. 24, 26 - Dec. 9, 13, 15, 21, 24 - 1921 Jan. 11, 14, 18, 20, 24, 31 -  
Feb. 4, 11, 14, 14, 24 - Mar. 15, 23, 29 - April. 18, 20, 23, 25, 29 - May 5, 6, 13, 14, 25 -  
June 6, 10, 14, 20, 23, 29 - July 1, 2, 4, 6, 7 -

Total No. of Visits 46

Surveyor's Signature

Ridley Howell

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Foundation