

With or Without Disconnected Erections.

STEEL STEAMER.

FRI MAR 26, 1920

Received at London Office

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

Completion of report 25th March 1920 Port of Middlesbrough
 Held at Stockton Date, First Survey 13th June 1919 Last Survey 19th March 1920
 No. 10625

(Single, Twin or Triple Screw)

Under 4796.30

CLASS +100 A1

FEET.

Master H. E. Dowell

Year of appointment

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

Deck...
 Tonnage Dk.
 and 4th Dk.
 Upper Dk.

Breadth (greatest moulded) 52.00

Depth, at middle of length from top of keel to top of upper deck beams at side 31.00

Transverse Number 83.00

Length on deck from fore part of stem to after part of stern post 400

Longitudinal Number 33200

Depth "d," at middle of length (See Secs. 2 & 13) 27.42

Proportions—Depths to Length—Upper Deck Beam at side to top of keel 12.9

" " Long Bridge Deck Beam at side to top of keel 10.2

Built at Stockton

When built 1920 Launched 20th Jan: 1920

By whom built Richardson Black & Co.

Owners Messrs R. Chapman & Son

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

Residence Newcastle on Tyne

Port belonging to Newcastle

Destined Voyage

If Surveyed while Building, Afloat, or in Dry Dock 740.

on Deck	Feet.	Inches.	BREADTH—	Feet.	Inches.	DEPTH, ACTUAL—	Top of Floors to top of Upper Dk. Beams	Feet.	Inches.	No. of Decks with flat laid
rule	400	0	Moulded	52	0	Do. do. do. do.	Second Dk. Beams	28	6	No. of Tiers of Beams

of Ship per Register. Length 400.1 breadth 52.4 depth 28.4 Moulded depth, ft. 31 ins. 0 To Bridge Dk. Round of Upper 13 ins. Dk. Beam, Actual

FRAMING.				PILLARS.			
Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
Angles, or E or L Bars amidships	10	3 1/2	46	10	3 1/2	46	10
Peaks	8	3	38	8	3	38	8
Ray of Double Bottoms at Solid Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2
" " at intermdt. Bkts.	9	3 1/2	42	9	3 1/2	42	9
Frames from centre to centre amidships	26	.	.	26	.	.	26
" " from 1/2 length to Collision bulkhead	24	.	.	24	.	.	24
" " in peaks	6	3 1/2	42	6	3 1/2	42	6
ED FRAME, Angles	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2
Ray of Double Bottoms at Solid Floors	8	3	44	8	3	44	8
" " at intermdt. Bkts.	11 1/2	.	.	11 1/2	.	.	11 1/2
depth of girder	.	.	.	.	.	.	.
depth and thickness of Floor Plate at mid-line for 1/2 length amidships	.	.	.	.	.	.	.
Ray of Engine and Boiler Spaces	.	.	.	.	.	.	.
thickness at the ends of vessel	.	.	.	.	.	.	.
at 1/2 the half breadth, as per Rule	.	.	.	.	.	.	.
ht extended at the Bilges	.	.	.	.	.	.	.
n Cell. Double Bottoms	42	38	42	38	42	38	42
state if flanged (top & bottom)	28	26	28	26	28	26	28
spacing of Solid floors	43	5	43	5	43	5	43
IRDER, in Dbl. bottom, dpth. & thcknss.	6	6	66	6	6	66	6
" Angles, Top	.	.	.	.	.	.	.
" " Bottom	.	.	.	.	.	.	.
" " to Floors	39	42	39	42	39	42	39
ackets at intermdt. frmng., wdth & thcknss	42	38	42	38	42	38	42
ERS, number on each side & thickness	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2
state if flanged (top and bottom)	.	.	.	.	.	.	.
Angles (top and bottom)	40	38	40	38	40	38	40
" " to Floors	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2
LATE, depth (exclusive of flange) and thickness	3 1/2	3 1/2	44	3 1/2	3 1/2	44	3 1/2
" Angle to Outside Plating	.	.	.	.	.	.	.
" " Floors	39	42	39	42	39	42	39
ackets at intermdt. frmng., wdth & thcknss	46	5	46	5	46	5	46
ght of Outside Brackets above at bilge	8	4	8	4	8	4	8
TTOM PLATING, breadth and thickness of Middle Line Strake	5	42	38	5	42	38	5
" in Engine and Boiler space	10	3 1/2	46	10	3 1/2	46	10
Remainder in Holds	26	.	.	26	.	.	26
per Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	8	3	38	8	3	38	8
way of Long Bridge	26	.	.	26	.	.	26
ing	26	24	26	24	26	24	26
ond Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
ing	26	.	.	26	.	.	26
d and Fourth Deck, Single Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
les on upper edge	26	.	.	26	.	.	26
ing	26	24	26	24	26	24	26
castle Deck, Angle, Bulb Angle, Plate, Tee Bulb, or Channel	9	3 1/2	46	9	3 1/2	46	9
les on upper edge	26	.	.	26	.	.	26
ing	26	24	26	24	26	24	26

PILLARS, In 'tween Deck, size and spacing

" " Hold

" " Quarter 'tween Dks.

" " in Hold

KEELSONS & STRINGERS.

CENTRE LINE KEELSON, Vertical Plate above floors, Through Plate, or Intercoastal Plate

" Rider Plate

" Flat Plate Keel Angles

" Horizontal Plates on Floors

" Angles or Bulb Angles

SIDE KEELSONS, Number

" Angles or Bulb Angles

" Plate above floors, for length

" Intercoastal Plate, for length

" Attached to outside Plating with Angle

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)

" " " " br'dth & thickness (in way of Bridge)

" " " " Angle (clear of Bridge)

" " Tie Plate at sides of Hatchways

" Deck * Iron or Steel, for Full lng.

" Thickness (clear of Bridge)

" " (in way of Bridge)

" Wood Deck. Material & thickness

Second Deck Stringer Plate, br'dth & thickness

" Angles on ditto, No.

" Tie Plates outside Hatchways

" Deck * Iron or Steel, for 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, br'dth & 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

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

Forecastle Deck Stringer Plate, b'dth & th'kns

" Angle on ditto

" Tie Plates

" Deck. Material and thickness

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

[illegible]

EQUIPMENT No. 34518										ANCHORS.										TONNAGE U.D.K. OR PLATING No. FOR TRAWLERS									
Number of Certificate		Anchors		WEIGHT, E.A. STOCK		WEIGHT OF STOCK		TEST, PER CERTIFICATE		WEIGHT REQUIRED BY TABLE 31		Description of Anchor		Makers		Where and when tested and Superintendent													
		Owls.	qrs.	lbs.	Owls.	qrs.	lbs.	Tons.	cwt.	qrs.	lbs.	Cwts.	qrs.	lbs.															
24643	1st Bower	60	1	14	38	3	0	48	12	2	0	60	0	0	Byers & Blackman	Rd. Byes	Sld 16.9.19 Haggie												
24598	2nd "	59	3	14	39	0	14	48	5	3	21	60	0	0	"	"	" 5 " "												
24790	3rd "	51	1	14	32	3	21	43	4	2	21	50	2	0	"	"	" 22.10 " "												
	4th "																												
	Collective weight.	171	2	14								170	2	0															
50850	Stream	16	1	26	4	1	23	17	16	1	0	16	1	0	Ordinary	N. Hingley	Wlm 11.1.19 Haggie												
82146	Kedge	7	0	5	1	3	13	9	7	0	21	7	0	0	"	"	" 3.9. " "												

CHAIN CABLES.										HAWERS 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 per Table	
		Length.	Diam.	Status.	Break- ing.	Supplied.	Per Rule.	Length.	Diam.	Fathoms.	Inch.							Length.	Cir.	Tons.	Fathoms.	Length.	G.
68738	Palmans.	60	2 1/2	✓	✓	141.00		270	3 1/2	break		Hind N. Hingley	Rd. 30.6.19 Haggie			TOWLINE	120	4 1/4	47	120	4		
68333	"	105	✓	✓	✓	253.30	645.3.0					"	"	"	"	HAWERS & WARPS	2090	2 3/4	15 1/2	2090	2		
68554	"	✓	✓	✓	✓	2570.21						"	"	"	"	"	"	"	2 1/2	12 1/2	"	2	
	Iron-Strain Chains—of Steel Wire	90	4 1/2	✓	✓			90	4 1/2	5. W. Haggie		"	"	"	"	"	"						

Boats Two 21' one 22' dip; one 19' dinghy. Steering Gear, Steam R. Roper 10". Steering Gear, Hand none.
Pumps, Number Hand to F.P.M. only. Diameter of Barrel 3". State whether they are in efficient working order Yes
Windlass is Emerson Walker & Thompson. Capstan Steam winches.
Engine Room Skylights.—How constructed? Plates & angles What arrangements for deadlights in bad weather? Bulbs etc.
Coal Bunker Openings.—How constructed? How are lids secured? Bottoms & top. 7.0 P.L.: 3' x 1' 7": each side.
Number of Scuppers, and numbers and dimensions of Freeing Ports, &c. 6 Scuppers & 8 P.L.: 3' x 1' 7": each side.
Ceiling in Holds, thickness and material 2 1/2" M.W. Bilge only. Cargo Battens, thickness and material 2" M.W.
Cargo Hatchways.—How formed? Plates & angles. Hatches, If strong and efficient? Yes
State size No. 1 Hatch (Forward) 32' 6" x 20" No. 2 Hatch 34' 8" x 20" No. 3 Hatch 20' 2" x 20" No. 4 Hatch Bridge 17' 4" x 10"
Number of Web Plates, Shifting Beams and Fore and Afters to each Hatch No. 1, 2 & 3. S.F. No. 4, Fine. No. 3, Iron.
Bulwarks, height above deck and description 44" x 28" No. of Breasthooks 5 No. of Crutches 4
The foregoing is a correct description of the vessel. Main Rail, material and size. D.B. Baker
Builder's Signature (here only) E. J. Johnson Surveyor to Lloyd's Register of Shipping.

Correspondence.—State dates and initials of letters respecting this vessel, which should be made in any correspondence connected with the case)
M. 24 Sep 1917 - 12 Feb 1920
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 faying 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)? " State results of tests Good
Have all the gutterways been tested as required by the Rules (Sec. 26, par. 20)? " State results of tests
General Remarks (State quality of workmanship, &c.) Good.

This vessel has been built in accordance with the approved plans, the Secretary's letters of above dates, and in general conformity with the Rules for the class contemplated. No downcom pump has been fitted. Steam during gear trial and found efficient. Adequate means of steering provided for by means of wire rope led to winch.
Three forging reports, a copy of the Mid. Sec. & Prop. & K. Plans, & two plans: together with three plans as approved for previous vessels are forwarded herewith.
This is a sister vessel to the S.S. Peterson, Molt report No 10545. Standard "A" vessel.
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 £ 0 : 0 : 0 Fees applied for, 25.3. 1920
Special Survey Fee £ 232 : 4 : 6 Received by me, 27.3. 1920
Travelling Expenses, if any £ 0 : 0 : 0
State whether the Vessel has been built under Special Survey Yes
I am of opinion this Vessel should be Classed +100 A.I.
With, or without Freeboard, as condition of Class Without
Committee's Minute TUE. MAR. 30 1920
Character assigned 100 A.I.
Lloyd's A&CP + L.M.C. 3: 20
Certificate to be sent to Middlebury Date of issue 31.3.20
Surveyor to Lloyd's Register of Shipping. D.B. Baker

WEB
FRAMES, IN
" No. of S
FRAMES, IN
" No. of S
Size of Face
ET PLAT
Frames, dep
HEADS.
LKHEADS
LISION,,
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TUDINAL,,
outside Plates do
Shaice Valves and
STRAKES.
PLATE KEEL.....
Keel, state Riveting.)
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ging, Material and
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GENERAL REMARKS—(continued).

PARTICULARS FOR RECORD in the REGISTER BOOK.—Length of Poop 49 ft., R.Q.D. ✓ ft., Bridge 113 ft., Forecastle 40
(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 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) 10x (OK)
Official No. 142 A61 ; Signal Letters State if Machinery is fitted aft 20
How are the surfaces preserved from oxidation? Inside Paint & Cement Outside Paint
PARTICULARS OF WATER BALLAST.—State whether the Double bottom is constructed on the cellular system or with girders on floors. All 473
Where Fitted. *Length. Water Capacity. Where Fitted. *Length. Water Cap
Feet. Tons. Feet. Tons.
Double bottom, aft, 117.0 342 Fore peak tank, 168
Double bottom, under Engines and Boilers, 39.0 159 After peak tank, 274
Double bottom, if under Engines only, ✓ Deep tank, aft, are
Double bottom, if under Boilers only, ✓ Deep tank, forward, Diamete
Double bottom, forward, 179.53 557 Other tanks, if fitted, Thicknes
Total capacity of double bottom 1058 (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. 420
Order for Special Survey No. 1268
Date 3. 10. 18.
No. 679 in builder's yard.
Surveyor's Signature

1919.
Jun 18. 20. 25. 27. Jul 2. 4. 8. 10. 15. 23. 30. Aug 7. 12. 26. Sep 3. 8. 10. 16. 18. 23. 26. 30. Oct 2. 7. 9. 16. 21. 23. 31. Nov 4. 5. 7. 13. 19.
1920.
28. Dec. 2. 5. 10. 12. 16. 22. 24. 30. Jan 6. 8. 12. 14. 16. 20. 22. 27. 30. Feb 3. 5. 10. 12. 16. 18. 19. 22. 25. 27. Mar 2. 4. 8. 10. 17. 19.

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