

IRON SHIP.

No. 1018 Survey held at Wadsworth Date, First Survey March Last Survey 19th September 1898
On the Screw Steamer "Monarch" Master Stockdale

On the Screw Steamer "Monarch"

Master Stockdale

TONNAGE under		ONE, OR TWO DECKED, THREE DECKED VESSEL.
Tonnage Deck	2055.01	SPAR, OR AWNING DECKED VESSEL.
Ditto of Third Spar, or Awning Deck.	11.98	HALF BREADTH (moulded)
Ditto of Poop, or Raised Qr. Deck.	83.51	DEPTH from upper part of Keel to top of Upper Deck Beams
Ditto of Houses on Deck	161.58	GIRTH of Half-Mastship Frame (as per Rule)
Ditto of Forecastle	58.12	1st NUMBER
Gross Tonnage	2266.12	1st NUMBER, if a THREE-DECKED VESSEL
Less Crew Space	84.08	[deduct 7 feet
	2279.08	LENGTH
Less Engine Room	454.16	2nd NUMBER
Register Tonnage as cut on Beam	1521.88	PROPORTIONS—Breadths to Length
		Depths to Length—Upper Deck to Keel
		Main Deck ditto

Built at Middeledon
When built 1848 Launched 31st July
By whom built Raylton Dixon & Co
Owners Hutchinson, McIntosh & Co
Port belonging to Newcastle
Destined Voyage Newcastle
If Surveyed while Building, Afloat, ^{and} or in Dry Dock

Official Number 10248

[illegible]

The **FRAMES** extend in one length from Keel to gunwale Riveted through plates with $\frac{1}{8}$ in. Rivets, about $\frac{1}{2}$ in. apart.

The **REVERSED ANGLE IRONS** on floors and frames extend across middle line to Main & Stringer & Irons and to gunwale alternately

KEELSONS. Are the various lengths of Plates and Angle Irons properly connected? Yes And butts properly shifted? Yes

PLATING. Garboard, double riveted to Keel, with rivets $\frac{1}{8}$ in. diameter, averaging $\frac{5}{8}$ ins. from centre to centre.

" **Edges of Garboards** and to upper part of Bilge, worked clencher, double riveted; with rivets $\frac{1}{8}$ in. diameter, averaging $\frac{3}{4}$ ins. from centre to centre.

" **Butts from Keel to turn of Bilge,** worked carvel, double riveted; with rivets $\frac{1}{8}$ in. diameter averaging $\frac{3}{4}$ ins. from centre to centre.

" **Butts of** *three* **Strakes at Bilge for** *one-half* **length, treble riveted with Butt Straps** $\frac{1}{10}$ **thicker than the plates they connect.**

" **Edges from bilge to Main Sheerstrake,** worked clencher, double ~~or single~~ riveted; with rivets $\frac{1}{8}$ in. diameter, averaging $\frac{3}{4}$ ins. from cr. to cr.

" **Butts from Bilge to Main Sheerstrake,** worked carvel, double riveted; with rivets $\frac{1}{8}$ in. diameter, averaging $\frac{3}{4}$ ins. from cr. to cr.

" **Edges of Main Sheerstrake,** double ~~or single~~ riveted. **Upper Sheerstrake,** double ~~or single~~ riveted.

" ~~**Butts of Main Sheerstrake,** treble riveted for~~ $\frac{1}{2}$ **length amidships. Butts of Upper or Spar Sheerstrake,** treble riveted $\frac{1}{2}$ **length amidships.**

" **Butts of Main Stringer Plate,** treble riveted for $\frac{1}{2}$ **length amidships. Butts of Upper or Spar Stringer Plate,** treble riveted for $\frac{1}{2}$ **length.**

" Breadth of laps of plating in double riveting $\frac{1}{2}$ **Breadth of laps of plating in single riveting**

Butt Straps of Keelsons, Stringer and Tie Plates, treble, double or single Riveted?
Waterway, how secured to Beams Gutter (Explain by Sketch, if necessary.)
Beams of the various Decks, how secured to the sides? Ends turned and welded No. of Breasthooks, Five Crutches, Four
What description of Iron is used for Frames, Beams, Keelsons, Tie, and Stringer Plates, Outside Plating, &c.? Good
Manufacturer's name or trade mark, Hopkins & Co., F. F. & Co., Bowditch

The above is a correct description.

Builder's Signature, *Raylin Winiford* Surveyor's Signature, _____

Surveyor to Lloyd's Register of British and Foreign Shipping.

2000 (9/5/76).

1001480-0753

See Declaration Settled dated 11th June 1898.
18th March & 11th June 1898.
18th March & 11th June 1898.

Workmanship. Are the butts of plating planed or otherwise fitted? Planed
Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? Yes
Are the fillings between the ribs and plates solid single pieces? Solid pieces
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? Some in Butts 21790. tons.

Masts, Bowsprit, Yards, &c., are Iron & S.P. in good condition, and sufficient in size and length. If of Iron or Steel give Scantlings of Plating, Angle Irons, &c., and further explain by a Sketch showing how the lower Masts and Bowsprit are constructed, showing the number of Plates and Angle Irons, mode of riveting, quality of Materials, and if stamped with Maker's name.

State also Length and Diameter of Lower Masts and Bowsprit 3. Mast 82' 6" x 25" - three plates in the round - Plate 1/2" - 3/8" - seams double riveted, butt double riveted below partner, remainder holes riveted all sharp & thicker than the plate they connect. M. Mast 44' x 23", three plates in the round, plates 3/8" - 1/2" in other respects as 3. Mast. Both Masts double 6" x 2" or weighing 100 lbs.
Plates riveted by bending cold.

NUMBER for EQUIPMENT		Fathoms.	Inches.	Test per Certificate.	Length & Size req'd per Rule.	Test req'd per Rule.	ANCHORS.	N ^o .	Weight. Ex. Stock.	Test per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
N ^o .	SAILS.	CABLES, &c.					Bowers					
	Fore Sails,	Chain 240	1 1/16	88 5/16	240	88 5/16						
	Fore Top Sails,	Slings Brooming	1 1/16	63 1/4	1 1/16	63 1/4						
	Fore Topmast Stay Sails	Hamn Strm Cbl	1 1/16	34 1/2	1 1/16	34 1/2						
	Main Sails,	Hawser 3. of...	8	22.18.00	1 1/16	22 3/4						
	Main Top Sails,	Towlines	1 1/2		1 1/2							
	and	Warp 2. of...	4		1 1/2							
		quality good					Stream	1	11.2.5	13.10.0.0	10.3.0.0	12.13.0.0
							Kedges	2	5.1.5	4.14.0.0	5.2.0.0	4.10.0.0

Standing and Running Rigging Wire & Rope sufficient in size and good in quality. She has two Long Boats and one fore boat.
The Windlass is good Capstan good and Rudder good Pumps good

Engine Room Skylights.—How constructed? 1/2" iron casing & glass skylight How secured in ordinary weather? Rolls up

What arrangements for deadlights in bad weather? Rolls up

Coal Bunker Openings.—How constructed? 1/2" iron casing How are lids secured? Bars Height above deck? 2 ft

Scuppers, &c.—What arrangements for clearing upper deck of water, in case of shipping a sea? 9 scuppers & 11 ports each side

Cargo Hatchways.—How formed? 1/2" iron casing

State size Main Hatch 20' x 11' Forehatch 18' x 10' Quarterhatch 18' x 10'

If of extraordinary size, state how framed and secured? ✓

What arrangement for shifting beams? brk plates & pins and gaffs

Hatches, If strong and efficient? Yes

Order for Special Survey No. 683 Date 1st March 1898

Order for Ordinary Survey No. 153 in builder's yard.

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

Has a Forecastle Forecastle - Frames to 10' height. Beams 6" x 1/2" angles 3" x 3" x 1/2". Stringer on d^o 20' x 1/2". Side plate 10' x 1/2". Plating 1/2" - Deck 3/8" S.P. 3/16" N.B.

Poop rounded gunwale - Plating 1/2". Deck 3/8" S.P. 3/16" N.B.

Water Ballast Tanks - Side plate 1/2" angles on d^o 3" x 3" x 1/2". Web plates 1/2" angles on d^o 3" x 3" x 1/2". Top of tank 1/2".

Tank fitted with a head of water to load line.

Raymond Dixon

State if one, two, or three decked vessel, or if spar, or awning decked; and the lengths of poop, forecabin, or raised quarter deck, and the length of double, or part double bottom.

How are the surfaces preserved from oxidation? Inside Cement & Paint Outside Paint

I am of opinion this Vessel should be Classed 100 A

The amount of the Entry Fee ... £ 5 : 0 : 0 is received by me, Self
Special ... £ 81 : 19 : 6 21st Sept 1898
Certificate ... : : : Commiswell

(Travelling Expenses, if any, £).

Committee's Minute 27/9/78 18

Character assigned 100A

Lloyd's Register

2 Dks 3 Tr Bms 202 ft

Surveyor to Lloyd's Register of British and Foreign Shipping.
This vessel appears worthy to be classed 100A as recommended.
2 Dks 3 Tr Bms 202 ft
Double Bottom 202 ft
Lloyd's Register Foundation