

COMPOSITE SHIP.

No. 8943 Survey held at Punderland Date February 14 1867
on the Ship "Carnatic" Master Whind
Tonnage under tonnage deck 750.42 Built at Punderland When built 1866 Launched 25 Jan'y 1867
Ditto of poop & or spar deck 112.80 By whom built Wm. Pile & Co Owners J. & J. Waite
Ditto of engine room
Gross tonnage 871.50 Port belonging to North Shields Destined Voyage Madras
Total Register tonnage 871.50
Surveyed while Building, Afloat, or in Dry Dock

Length aloft	Feet.	Inches.	Extreme Breadth	Feet.	Inches.	Depth from top of Upper Deck Beam to top of Floor	Feet.	Inches.	Power of Engines	Horse.	Nº. of Decks
176			33	4		20		2 1/2			3
Dimensions of Ship per Register, length 176.5 breadth 33.55 depth 20.2											
Outside Plank.											
Keel, siding and moulding	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.	Inches in Ship.
14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15	14 1/2 x 15
Plate, breadth and thickness	30 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2	29 x 1 1/2
14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2
Fore deadwood plate, breadth and thickness	30 to 14 1/2 x 1 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2
After deadwood plate, breadth and thickness	30 to 14 1/2 x 1 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2	13 1/2
14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2	14 1/2 x 1 1/2
Distance of Frames from moulding edge to moulding edge, all fore and aft	18	18	18	18	18	18	18	18	18	18	18
Frames, Size of Angle Iron, single or double	11	11	11	11	11	11	11	11	11	11	11
Reversed Iron, if to every frame or every frame	11	11	11	11	11	11	11	11	11	11	11
Floors, depth and thickness of Floor Plate at Mid line	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2	22 1/2
11	11	11	11	11	11	11	11	11	11	11	11
Ditto ditto at Bilge Keelson	11	11	11	11	11	11	11	11	11	11	11
Size of Reversed Angle Iron, and Nº. at top of Floor Plate	3	3	3	3	3	3	3	3	3	3	3
2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2	2 1/2
If of Wood, siding & mould'g. at Mid. line	11	11	11	11	11	11	11	11	11	11	11
Beams, Deck (Nº. 36) double Angle Iron, Plate, Tee, or Bulb Iron	8	8	8	8	8	8	8	8	8	8	8
10	10	10	10	10	10	10	10	10	10	10	10
Double or single Angle Iron, on upper edge	3	3	3	3	3	3	3	3	3	3	3
3	3	3	3	3	3	3	3	3	3	3	3
Average space between	9	9	9	9	9	9	9	9	9	9	9
15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2
Hold, or Lower Deck (Nº. 37) double Angle, Tee, Plate, or Bulb Iron	9	9	9	9	9	9	9	9	9	9	9
10	10	10	10	10	10	10	10	10	10	10	10
Double or single Angle Iron, on edge	8	8	8	8	8	8	8	8	8	8	8
8	8	8	8	8	8	8	8	8	8	8	8
Average space between	9	9	9	9	9	9	9	9	9	9	9
15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2	15 1/2
Keelson, single or double plate, box, or intercostal	10	10	10	10	10	10	10	10	10	10	10
12	12	12	12	12	12	12	12	12	12	12	12
Size of Plates	10	10	10	10	10	10	10	10	10	10	10
12	12	12	12	12	12	12	12	12	12	12	12
Size of Angle Irons	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
9	9	9	9	9	9	9	9	9	9	9	9
If of Wood, siding and moulding	11	11	11	11	11	11	11	11	11	11	11
Side, single or double, plate, box, or intercostal	11	11	11	11	11	11	11	11	11	11	11
11	11	11	11	11	11	11	11	11	11	11	11
Bilge (Nº. 38) at each Bilge, single, or double, plate or box	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2	8 1/2
9	9	9	9	9	9	9	9	9	9	9	9
The Floors consist of	11	11	11	11	11	11	11	11	11	11	11
11	11	11	11	11	11	11	11	11	11	11	11

The Main piece of Rudder is _____ of Windlass is _____
The Keel is _____ The Main Keelson is _____ and free from all defects.
The Stem, and Stern Post of _____ The Transoms, Knight Heads, Hawse Timbers, and Aprons of _____ and are free from all defects.
The Deck and Hold Beams of _____ The Breasthooks of _____ The Knees of _____
Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is _____
From the above named Height to the Light Water Mark _____
From the Light Water Mark to the Wales _____
The Wales and Black-strakes are _____
The Spirketting and Planksheers _____
The Decks _____ State of _____ How fastened to Beams _____
The Shifts of the Planking are not less than _____ Feet _____ Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship. The Planking is wrought _____ between, and without step-butting.
Planking Inside.—The Limber-strakes and Bilge-strakes are _____ Shelf pieces and Clamps _____
The Ceiling, Lower Hold, and between Decks _____
Butt Straps of Keelsons, Stringer and Tie Plates, double or single rivetted? _____
Planksheer, how secured to the plating of the sides _____ Explain by sketch if necessary.
Waterway _____ planksheer and to the Beams _____
Deck Beams, how secured to the side? _____
Hold or Lower Deck ditto _____
General Quality of Workmanship _____ No. of breasthooks _____ crutches _____
What description of Iron is used for the Frames, Beams, Keelsons, Stringer and Tie Plates, Outside Plating, &c.? _____
Manufacturer's name or trade mark _____

We certify that the above is a correct description of the several particulars therein given.
Builder's Signature _____ Surveyor's Signature _____

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, Galvanized Iron, or Iron.

	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule		Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule		Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule
Deadwood forward and aft ..	1 5/16	"	1 1/8	Transoms and throats of Hooks	"	"	"	Hold Beam Bolts in	Waterway	"	"
Scarp of Keel, N ^o . 8	1 1/2	"	7/8	Arms of Hooks	rivetted to angle iron	"	"	Deck Beam Bolts in	Knees	"	"
Keelson Bolts through Keel at each Floor	1 3/16	"	1 1/8	Thro' Frames and Planking	1 5/16	"	7/8		Shelf or Clamp	"	"
Bolts through Iron Keel Plate and Wood Keel	1 3/16	"	1 1/8	Butt End Bolts ..	1 5/16	"	7/8		Waterway	"	"
				Pintles of the Rudder	3/16	"	3/2		Knees	"	"
									Shelf or Clamp	"	"
									Nails or Bolts in Flat of Deck	1/2 Yellow Iron	"

Her Masts, Bowsprit, Yards, &c., are in _____ condition, and sufficient in size and length. If they are of Iron or Steel give the 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 rivetting, quality of Materials, and if stamped with Maker's name.

No.	She has SAILS.	CABLES, &c.	Fathoms.	Inches.	Test as per Certificate.	In. req'd per Rule.	Test req'd per Rule.	ANCHORS, &c.	N ^o .	Weight. Ex. Stock.	Test as per Certificate.	W'ght req'd per Rule.	Test req'd per Rule.
	Fore Sails,	Chain						Bowers					
	Fore Top Sails,												
	Fore Topmast Stay Sails,	Hempen Stream Cable..						Stream					
	Main Sails,	Hawser											
	Main Top Sails,	Towlines						Kedges					
	and	Warp											
		All of _____ quality.											
	Her Standing and Running Rigging _____ sufficient in size and _____ in quality.												
	She has _____ Long Boat and _____												
	The present state of the Windlass is _____ Capstan _____ and Rudder _____ Pumps _____												

Order for Special Survey	1st. Examination of the wood keel, stem, stern post, and deadwood before they are coated
No. _____	2nd. Of the frame before it is painted, strapped, or plated
Date _____	3rd. Of all the beams, stringers, plates, &c., when in place, rivetted-up ready to receive the planking
Order for Ordinary Survey	4th. When the vessel is planked outside, dubbed fair, and all the fastenings completed, but before she is either
No. _____	caulked, coated, or cemented, so that the inside and outside of the planking, and the bolts and their nuts,
Date _____	may be carefully examined
	5th. When the vessel is caulked and completed
	6th. When the vessel is launched and equipped

State if she has a Spar Deck _____ Poop _____ or Forecastle _____

General Remarks,

Deviations from suggestions issued by Committee

- No. 1. Keel scarps not tabled, & the bolts not driven on J.M. iron
2. Keel plate is not flanged forwards & aft, neither is it thicker than in midships, & has no angle iron to receive the plank fastenings.
3. The narrow flange of Angle iron frames not of a parallel thickness.
4. The middle line keelson has no foundation plate, & no rider plate on top
5. The bilge keelsons have no bulb plate fitted for one-half the vessel's length in midships.
6. The side intercostal keelson has no bulb plate let down & rivetted to same for 3/16" the length of keel amidship
7. The Butt straps to plating are 1/16" thinner than in suggestion & the Butt plates of outside planking from 3/16" to 1/4".
8. The planking bolts are not driven with Oakum & white lead

In what manner are the surfaces of Iron Work preserved from oxidation

9. There is no tarred spungum for the inner throat of the bottom

Present condition of Caulking of Bottom _____ Deck, _____ and Waterways _____

If Sheathed, Doubled, Felted, or Coppered _____ When last done _____

I am of opinion this Vessel should be Classed _____

The Amount of the Fee.....£ : : is received by me,

Special£ : :

Certificate£ : :

Committee's Minute _____ 18 _____

Character assigned _____

S.M.
V.M.
J.S.



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Lloyd's Register
Foundation