

Request for S. S. No. 236
No. 2024 Survey held at Glasgow Date April 28th 1893
on the City of Dundee Master S. J. Mac
Tonnage Old Built at Dunbarton When built 1853 Launched 22nd 1853
By whom built Messrs. Denny & Rankine Owners The Dundee Dock Co
Port belonging to Glasgow Destined Voyage Otago
If Surveyed while Building, Afloat, or in Dry Dock whilst Building

Length aloft	Feet.	Inches.	Extreme Breadth Outside	Feet.	Inches.	Depth of Hold	Feet.	Inches.
195			34			22		
Scantlings of Timber.								
Timber and Space			Outside.			Inside.		
Floors	Feet.	Inches.	Garboard Strakes	Feet.	Inches.	Limber Strakes	Feet.	Inches.
1st Foothooks	13	12	Garboard to Bilge	4	4	Bilge Planks	5	5
2nd Ditto	12	12	Bilge Planks	4	4	Ceiling in Flat	4	4
3rd Ditto	11	12	Bilge to Wales	4	4	Ditto Bilge to Clamp	4	4
Top Timbers	10	10	Wales	6	6	Hold Beam Clamps	4	4
Deck Beams	8	8	Topsides	4	4	Deck Beam Ditto	4	4
Hold Beams	9	9	Sheer Strakes	4	4	Ceiling 'twixt Decks	3	3
Hold Beams, length amidships	3	3	Plank Sheers	5	5	Hold Beam Shelves	10	10
Keel	15	15	Water - Upper Deck	14	14	Deck Beam Ditto	14	14
Scarp of Ditto	6	6	Ways - Lower Deck	13	13			
Keelsons	16	16	Ditto, faying surface against Timbers	9	9			
Scarp of Ditto	16	16	Upper Deck	4	4			

Size of Bolts in Fastenings, distinguishing whether Copper, Yellow Metal, or Iron; also of Treenails.								
Heel-Knee, & Deadw'd abaft	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.	Transoms and throats of Hooks	Copper or Y.M. in Ship.	Iron in Ship.	Inches required per Rule.	Hold Beam Bolts in
Scarp of Keel, N°	1	1	1	Arms of Hooks	1	1	1	Waterway
Keelson Bolts through Keel at each Floor	1	1	1	Thro' Bilge & Limber Strakes	1	1	1	Knees
Bolts thro' Heels of Timbers against Deadwood	1	1	1	Thickstuff over Double Floors	1	1	1	Shelf or Clamp
				Butt End Bolts	1	1	1	Waterway
				Pintles of the Rudder	1	1	1	Knees
								Shelf or Clamp
								Nails or Bolts in Flat of Deck
								Treenails

Timbering.—The Space between the Floor Timbers and Lower Foothooks is 4 inches. The Space between the Top-Timbers is 4 inches.
The Floors consist of Baltic Oak The First Foothooks of Baltic Oak
The Second Foothooks of S. Oak The Third Foothooks and Top Timbers of S. Oak
The Shifts of the First and Second Foothooks are not less than 4 ft. N. B. When less than prescribed by the Rule, state how many.
The rest of the Shifts of the Frame are 5 ft. 6 in.
The Frame is fairly squared from the First Foothook Heads upwards, and free from sap, and from thence downwards, the frame is squared.
The Frames are all bolted together to the Gunwale. N. B. If not, state how bolted.
The Butts of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place.
The Frame is cross chocked with Butt at each end of the chock. The Main piece of Rudder is Eng. Oak of Windlass is Eng. Oak
The Keel is American Elm The Main Keelsons are Greenheart and free from all defects.
The Stem, and Stern Post of S. Oak The Transoms, Knight Heads, Hawse Timbers, and Aprons of S. Oak Deadwood, of S. Oak and are free from all defects.
The Deck and Hold Beams of Bulwark The Breasthooks of S. Oak The Knees of S. Oak

Planking Outside.—From the Keel to the Height defined in Note to Table A the Plank is S. Oak Red Pine
From the above named Height to the Light Water Mark S. Oak Red Pine
From the Light Water Mark to the Wales Pitch Pine
The Wales and Black-strakes are Greenheart & Pitch Pine The Topsides & Sheer-strakes Greenheart & Pitch Pine
The Spacing and Plank-sheers Pitch Pine The Water-ways { Upper Deck Pitch Pine Lower Deck Greenheart & Am. Oak
The Decks Yellow Pine State of
The Shifts of the Planking are not less than 6 Feet 4 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 Shoa between, and without step-butting

Planking Inside.—The Limber-strakes and Bilge-strakes are German & American Oak
The Ceiling, Lower Hold, and between Decks German & Am. Oak Shelf Pieces and Clamps American Oak
Fastenings.—To Hold Beams Thick Shelves and Waterways bolted through every timber. Stunder plate 2 1/2 x 4 1/2 on an angle iron riveted to the same and through bolted in every timber 5 x 4 1/2. A pair of handspikes nailed to each beam and 13 pairs of Riggers wedges between the beams
Deck Beams Thick Shelves and Waterways bolted through every timber. A stunder plate on beam ends 2 1/2 x 4 1/2. A gunwale angle iron to ditto 15 x 4 1/2. and a pair of handspikes nailed to each beam
Number of Breasthooks 8 of S. Oak Pointers round Stern Crutches 11 of S. Oak
Butts End Bolts are of S. Metal in the Bottom, and two Bolt in each Butt End through and clenched.
Bilge and Limber Strakes all bolted through and clenched. Treenails of Greenheart & S. Oak How Made Natural
Thickstuff over Double Floors is bolted through and clenched. General Quality of Workmanship Good

We certify that the above is a correct description of the several particulars therein given
Builder's Signature Denny & Rankine Surveyor's Signature J. J. Mac
GLS 143-0168

Her Masts, Yards, &c. are in good condition, and sufficient in size and length.

She has **SAILS**.

CABLES, &c.

ANCHORS, and their weights.

N^o.

Fore Sails,
Fore Top Sails,
Fore Topmast Stay Sails,
Main Sails,
Main Top Sails,

	Fathoms.	Inches.
Tested to 55 1/2 tons		
Chain	300	1 3/4
Hempen Stream Cable	90	10
Hawser <i>Chain</i>	50	1
Towlines	90	9
Warp	90	5 1/2
All of <i>good</i> quality.		

	No.	Weight.
Tested to 33 1/4 tons		
Bower,	3	33 3. 0
35 1/4 " "		32 0. 0
32 " "		31 2. 0
Stream,	1	12 2. 37
Kedge,	2	0. 2. 0
		2 2. 0

Her Standing and Running Rigging Gale² Wave Pump sufficient in size and good in quality.

She has a 27 feet Long Boat and two life Boats and three others

The present state of the Windlass is new Capstan new Rudder new Pumps new and efficient

General Remarks and Statement and Date of Repairs, if any.

DATES of Surveys
 held while building,
 as per Section 35.

1st. When the Frame is completed Built under Special Survey and Seen on the
2nd. When the Beams are put in, &c. following dates by Mr Robottom 2. Rubie Feb. 11. 18. 19. 20
3rd. { When completed, and before the plank be painted or payed 13. 21. 28. 11. 21. May 1. 6. 8. 14. 22. June 5. 9. 12. 21. July 4.

This vessel is fitted with 20 pairs of Riggers let into the inner side of Beam extending from the upper Deck Beams in the waist, and from Poop and Forecastle Beams at the ends to the Floor Beams $5\frac{3}{4}$ bolted in every timber, are spaced 8 feet apart on the square, and four pairs crossed in midships, also with sister keelsons in the Bilges of Gunheart. Deck and Hold Beams are of Bull Run, with stringer plates and angle bars on their ends, tie plates outside Hatchways and Dogholes in way of masts 12" x 10", is fitted with a full Poop and Forecastle and a house on deck for the crew, the vessel is fastened with Yellow Metal inclusive of the hulls of the Cant timbers, and the Decks with screw bolts and nuts.

Deming & Rankin

The name of Ransom is to appear in the Register Book
as Builder of this Ship

Present condition of Caulking of Bottom, *Good as before* Deck, *Good* and Waterways *Good*

If Sheathed, Doubled, Felted, or Coppered *Cut in Felt to up to W.* When last done

I am of opinion this Vessel should be Classed Light

The Amount of the Fee.....£ 5 : : is received by me,

Special£54: 5: 6

Certificate£ *Gratuity*

Committee's Minute 1st Nov 1863

Character assigned Δ 1 by 10 Y-axis