

| | | | | | | | | | |
|-----------------------------|-------|---------|-------------------------|-------|---------|-------------------------------------------------------------|-------|---------|-----------------|
| Length as per section 39 .. | Feet. | Inches. | Extreme Breadth Outside | Feet. | Inches. | Depth of Hold | Feet. | Inches. | Number of Decks |
| Length of Keel | 170 | 0 | IN SHIP. Moulded. | 30 | 0 | | 78 | 0 | Three |
| | | | REQUIRED PER RULE. | | | (Depth from timber-strakes to under side of lower deck beam | | | 13) |
| | | | Sided. | | | | | | |

| Size of Bolts in Fastenings, distinguishing whether Copper, Iron, or Y.M., and of Treenails. | | | | or Y.M. In Ship. | | | | In Ship. | | | | 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 | | 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 |
| Heel-Knee, & Deadw'd abaft | - | 1 1/2 | 1 1/2 | Transoms and throats of Hooks | - | 1 1/4 | 1 1/2 | Hold Beam | | | | Waterway .. | | | |
| Scarphs of Keel, N° .. | 1 1/2 | - | 1 1/2 | Arms of Hooks | - | 1 1/2 | 1 1/2 | Bolts in | | | | Knees | | | none required |
| Keelson Bolts through Keel | | | | Thro' Bilge & Limber Strakes | | | | | | | | Shelf or Clamp | | | |
| at each Floor | | | | Thickstuff over Double Floors | | | | Deck Beam | | | | Waterway .. | - | 7/8 | 7/8 |
| Bolts thro' Heels of Timbers | | | | Butt End Bolts | | 7/8 | 7/8 | Bolts in | | | | Knees | | | none required |
| against Deadwood | 1 1/2 | 1 1/2 | | Pintles of the Rudder | 3/2 | - | 3 | | | | | Shelf or Clamp | 1 1/2 | 1 1/2 | |
| | | | | | | | | Nails or Bolts in Flat of Deck | | | | | | | 1/2 |
| | | | | | | | | Treenails | | | | | | | 1/2 |

2289 ARN

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

Plates 7/16" x 10" put in overlap 4" double rivetted, rivets 3/4"

| She has SAILS. | | CABLES, &c. | | ANCHORS, &c. | | |
|------------------|--------------------------|-----------------------------|----------|--------------|--------------------------------|------------------|
| N ^o . | | | Fathoms. | Size. | Tested to. as per Certificate. | N ^o . |
| | Fore Sails, | Chain | 270 | 1 1/2 | 40 lb | |
| | Fore Top Sails, | Hempen Stream Cable .. | 90 | 1 3/16 | | |
| | Fore Topmast Stay Sails, | Hawser | 90 | 7 | | |
| | Main Sails, | Towlines | 90 | 9 | | |
| | Main Top Sails, | Warp | 90 | 4 1/2 | | |
| | and all other. | All of <u>good</u> quality. | | | | |

Her Standing and Running Rigging all new sufficient in size and Good in quality.

She has 11 Long Boat and 11 others.

The present state of the Windlass is Good Capstan Good Rudder Good Pumps 2 Good.

Order for Special Survey,

No. 102 Date Dec 28/85

DATES of Surveys

held while building,

Order for Ordinary Survey,

No. 102 Date Dec 28/85

as per Section 35.

1st. When the Frame is completed Feb 7th 1886

2nd. When the Beams are put in, &c. Feb 28th 1886

3rd. { When completed, and before the plank be painted or payed } May 5th 1886

General Remarks

This Vessel is well built of good and sound material for the twelve years grade. Iron frames & wood planking, under a permanent water tight roof for an additional period of one year. The whole of the iron fastenings are galvanized & silvered over. She has a full poop & top gallant fore-castle built in accordance with rule Sec 37, 38 & 41. The garboard strakes are horizontally bolted through the keel & each other with yellow metal clinched. The bolts in the hood ends, in stern & stern post are also of yellow metal. The keel plate extend up the fore & after deadwood 45 ft thick by 27 inches, through bolted to keel, deadwood and garboard strakes & to which the floors are rivetted to. The bilge blocks & stringers between the ribs and held beams are double angle Irons 1/2" x 3 1/2" rivetted back to back & to each frame, rivets 3/4". Best plates outside planking are 1/2" rivetted to the frames. The sheerstrake plates 1/2" by 29 inches, & stringer plates on beam ends of upper deck are 1/2" by 26 inches with angles 1/2" x 3 1/2" x 4 1/2" 14 pair of diagonal plates outside the frames 1/2" by 7 inches 5 pairs crossing each other 6 feet apart. Bilge plates 1/2" by 15 1/2" & diagonal plates across upper & lower deck beams are 1/2" by 11 inches & 9/16" by 12 inches. Stringer plates on held beam ends 9/16" by 20 inches, and plates on each side of upper & lower deck hatchways are 1/2" by 11 and 9/16" by 12 inches, the whole of the fastenings are of yellow metal except the bolts in head ends which are of yellow metal. The caulking inspected & satisfactory during the progress, which proved to be factory.

Present condition of Caulking of Bottom, Good Deck, Good and Waterways Good.

If Sheathed, Doubled, Felted, or Coppered Yellow Metal & Felt, When last done 1885

I am of opinion this Vessel should be Classed 13, A, 1

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

Special£ 33 : 8 : -

Certificate£ 7 : 8 : -

Committee's Minute 3rd June 1886

Character assigned A 1 for 13 years. Iron frame-planked

Survey 29
Anchor & chains, tested at Lloyd's Dock public proving, Glasgow
Law, Walker, Newcastle upon Tyne, Certificate, dated May 23, 1886
Signed Wm. Burnett, Supt. Masters, North's Cable Works
Ex 1172 40 June 1886