

2046 IRON SHIPS.

No. 4116 Survey held at Glenoch Date 4th January Rev 9/1/60
 on the Screw Steamer "Sicilian" Master _____ 1860

Tonnage Gross 1497 Engine Room _____ Register _____ Built at Belfast

When Built 1859 By whom built Harland Owners John B. & Sons & Co.

Port belonging to Liverpool Destined Voyage Glyde to Liverpool

Surveyed Afloat or in Dry Dock Last Iron No 2035 Classed 12 A

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.
									<u>450 Two Engines</u>	

Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	Inches in Ship.			Inches required per Rule.			Description of Iron.	Material.
	Inches. In Ship.	Inches. In Ship.	16ths In Ship.	Inches. required per Rule.	Inches. required per Rule.	16ths required per Rule.		
Stem, if bar iron, moulding and thickness								
„ if plate iron, breadth and thickness								
Stern-post, if bar iron, moulding and thickness								
„ „ if plate iron, breadth and thickness								
Keel, if bar iron, depth and thickness.....								
„ if plate iron, breadth and thickness								
Garboard Plates, thickness..								
From Garboard to upper } part of Bilge..... }								
From upper part of Bilge } to Sheerstrakes..... }								
Sheerstrakes								
Breadth & thickness of Butt } Straps to outside plating }								
Planksheers								
Gunwale Plate or Stringer } on ends of Up. Dk Beams }								
Angle Iron on ditto.....								
Waterway								
Deck.....								
Ceiling in Hold								
Ceiling betwixt Decks								
Beam Clamps								
„ Shelf								
„ Stringer Plates on } ends of Hold or } Lower Dk Beams }								
Ceiling between Decks								
Stringer or Tie Plates out- } side Hatchways								
Deck Beam Clamps								
„ „ Shelf								
Stringers in Hold								
Deck, Lower								
Deck, Upper, how fastened to Beams								

Transoms, material _____ or, if none, in what manner compensated for.

Knight-heads „ _____ Bulkheads, N^o. _____ Thickness of _____
 Sawse Timbers „ _____ are they free from defects? „ how secured to the sides of the ship _____
 „ size of vertical angle iron and their distance apart _____

The Frames or Ribs extend in one length from _____ to _____ rivetted through plates with (_____ in.) rivets, about (_____) apart.

The reverse angle irons on the floors extend in one length across the middle line from _____ to _____
 „ „ „ on the frames „ „ „ from _____ to _____

son, how are the various lengths of plates or angle irons connected? _____

plates, Garboard, double or single rivetted to keel & at upper edge, with rivets (_____ ins.) diameter averaging (_____ in.) from centre to centre of rivet.
 „ Edges from Garboards to upper part of bilge, worked carvel with a lining piece (_____ in.) thick, or clencher, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ ins.) from centre to centre of rivets.
 „ Butts from Keel to turn of bilge, worked carvel with a lining piece (_____) thick, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? _____
 „ Edges from bilge to planksheer, worked carvel with a lining piece (_____) thick, double or single rivetted; rivets (_____ in.) diameter, averaging (_____ in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? _____
 „ Butts from bilge to planksheers, worked carvel with a lining piece (_____) thick, or clencher, double or single rivetted; rivets (_____ in.) diameter averaging (_____ ins.) from centre to centre of rivets. Breadth of laps in double rivetting (_____) Breadth of laps in single rivetting (_____)

Planksheer, how secured to the plating of the sides { Explain by sketch, }
 Waterway „ „ planksheer and to the Beams { if necessary. }

Side trussing _____ breadth and thickness of plates _____ how secured? _____
 Deck trussing „ „ „ „ „ ? _____
 Deck Beams, how secured to the side? _____
 Hold or Lower Deck „ _____
 Paddle „ „ _____

No. of breasthooks _____ crutches _____ how are pointers compensated? _____
 What description of iron is used for the angle iron and plate iron in the vessel? _____

2046 Iron

Workmanship. Are the lands or laps of the clenwork in all cases in breadth at least five times the diameter of the rivets in double rivetted edges and butts, and at least three times the diameter of the rivets where single rivetting is admitted? _____
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? _____
 Do the fillings between the ribs and plates fill in solid with single pieces, or are they in short lengths of various thicknesses? _____
 Do the holes for rivetting plate to frames, lining pieces, or plate to plate, &c., conform well to each other? _____ and are the rivet holes well and sufficiently countersunk in the outer plate? _____
 Are there any rivets which either break into or have been put through the seams or butts of the plating? _____

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

She has SAILS.		CABLES, &c.		ANCHORS, and their weights.	
N ^o .		Fathoms.	Inches.	N ^o .	Weight.
	Fore Sails,	Chain	150 1 3/4	Bowers	Ordinary 1 41.3.2 Patent 1 31.0.0 do 1 30.2.9
<i>One Suit of Sails.</i>	Fore Top Sails,	Hempen Stream Cable	90 9 1/2	Stream,	1 9.1.3
	Fore Topmast Stay Sails,	Hawser	90 7 1/2		
	Main Sails,	Towlines	270 6		
	Main Top Sails,	Warp	120 4	Kedges	2 5.0.21 2.2.20
	and	All of <i>Good</i> quality.			

Her Standing and Running Rigging _____ sufficient in size and _____ in quality.

She has *six* Long Boats and _____
 The present state of the Windlass is *with recent purchase Good* Capstan *Winch, Good* and Rudder *Good* Pumps *Six leads, Good*

General Remarks, Statement and Date of Repairs, extent of corrosion (if any) both internally and externally, and condition of rivets.

- DATES of Surveys held while building, as per Section 17.
- 1st. On the several parts of the frame, when in place, and before the plating was wrought _____
 - 2nd. On the plating during the progress of rivetting _____
 - 3rd. When the beams were in and fastened, and before the decks were laid _____
 - 4th. When the ship was complete, and before the plating was finally coated _____
 - 5th. After the ship was launched _____

The Engines have now been fitted in this vessel; Engineer's certificate of which is herewith forwarded. The above ground tackle and stores have been supplied; and the testing certificate of 150 fathoms of Chain Cable produced; the remaining cable required we are informed will be supplied at Liverpool, which being complied with, we are of opinion the vessel will then be eligible to be classed 12 A 1.

*Wm. B. Cumming
 Ben. Marshall*

In what manner are the surfaces preserved from oxidation? _____

I am of opinion this Vessel should be classed _____

The amount of the Fee£ : : is received by me,
 Special£ : :
 Certificate (if required)£ : :

Committee's Minute *10th January 1860*

Character assigned *12 A 1*

M. J. P.