

# IRON SHIPS.

No. 4116 Survey held at Glasgow

Date 4<sup>th</sup> January

1860

on the Screw Steamer "Sicilian"

Master

Tonnage Gross 1497 Engine Room

Register

Built at Belfast

When Built 1859 By whom built

Harland

Owners John Robby & 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.
Distance of Frames or Ribs from moulding edge to moulding edge, all fore and aft	Inches in Ship.	Inches required per Rule.								
Floors, Size of Angle Iron, and No. at bottom of Floor Plate	Inches in Ship.	Inches required per Rule.								
depth and thickness of Floor Plate at mid line	Inches in Ship.	Inches required per Rule.								
depth and thickness of Floor Plate at Bilge Keelson	Inches in Ship.	Inches required per Rule.								
Size of Reversed Angle Iron, and No. at top of Floor Plate	Inches in Ship.	Inches required per Rule.								
Frames, Size of Angle Iron, single or double	Inches in Ship.	Inches required per Rule.								
Reversed Iron, if to every frame or every frame	Inches in Ship.	Inches required per Rule.								
Beams, Deck (No.) double Angle Iron or Bulb Iron with double Angle Iron on top	Inches in Ship.	Inches required per Rule.								
depth & thickness of plate amidships	Inches in Ship.	Inches required per Rule.								
double or single Angle Iron, on lower edge	Inches in Ship.	Inches required per Rule.								
average space between	Inches in Ship.	Inches required per Rule.								
if wood (No.) sided & moulded	Inches in Ship.	Inches required per Rule.								
Hold, or Lower Deck (No.) double Angle Iron or Bulb Iron with double Angle Iron on top	Inches in Ship.	Inches required per Rule.								
depth & thickness of plate amidships	Inches in Ship.	Inches required per Rule.								
double or single Angle Iron, on lower edge	Inches in Ship.	Inches required per Rule.								
average space between	Inches in Ship.	Inches required per Rule.								
if wood (No.) sided & moulded	Inches in Ship.	Inches required per Rule.								
Paddle, wood, sided and moulded or if Iron, size of Plate	Inches in Ship.	Inches required per Rule.								
Engine	Inches in Ship.	Inches required per Rule.								
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions	Inches in Ship.	Inches required per Rule.								
Side or Bilge	Inches in Ship.	Inches required per Rule.								
Number	Inches in Ship.	Inches 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, No. Thickness of

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?

Builder's Signature

Lloyd's Register  
Foundation

IRON 434 - 0139



2046 Iron

**Workmanship.** Are the lands or laps of the clenchwork 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 <sup>o</sup> .			Fathoms.	Inches.	N <sup>o</sup> . Weight.
	Fore Sails,	Chain .....	150	1 3/4	Bowers ..... <i>Ordinary</i> 1 <i>cast iron</i> 41. 3. 2
	Fore Top Sails,	Hempen Stream Cable ..... <i>Manila</i>	90	9 1/2	<i>Patent</i> 1 31. 0. 0
<i>(One)</i>	Fore Topmast Stay Sails,	Hawser .....	90	7 1/2	<i>do</i> 1 30. 2. 9
<i>Suit</i>	Main Sails,	Towlines .....	270	6	Stream, ..... <i>do</i> 1 9. 1. 3
<i>Sails.</i>	Main Top Sails,	Warp .....	120	4	Kedge ..... <i>do</i> 2 5. 0. 21
and		All of <i>Good</i> quality.			2. 2. 20

Her Standing and Running Rigging \_\_\_\_\_ sufficient in size and \_\_\_\_\_ in quality.

She has *six* ~~Long~~ *Long* Boat ~~and~~

The present state of the Windlass *with recent purchase* is *Good* Capstan *Three* ~~Winches~~ *Winches* ~~Good~~ and Rudder *Good* Pumps *Six* ~~Lead~~ *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; Engineers' 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.*

*John B. Cumming*  
*Benj. Martell*

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.*  
*Call*



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