

IRON SHIPS.

No. 4133 Survey held at London Date May 26th 1934 to Jan^y 15th 18
 on the Three Masted Sch^r "Gibraltar" Master M. G. S. Hall
 Tonnage Gross Engine Room Register 669 Built at London
 When Built 1884 By whom built Messrs Joyce & Co Owners Span & Pat^r Steamship Co^{ys}
 Port belonging to London Destined Voyage Hull - Mining Land
 If Surveyed Afloat or in Dry Dock Messrs Joyce's Building Yard and Afloat

Length abft.	Feet. Inches.	Extreme Breadth....	Feet. Inches.	Depth from Beam to top of Floor..	Feet. Inches.	Power of Engines....	Horse No.
.....	192 0	27 10	23 0	110
Distance between Floors amidships	1 4	Feet. Inches.	Sketch, when necessary.	Stem, if bar iron, moulding and thickness	8 2 4	Inches. 8ths.	Sketch, when necessary.
" " " forward and aft	1 8			" if plate iron, breadth and thickness			
" " Ribs amidships	1 4			Stern-post, if bar iron, moulding and thickness	outer post 8 1/2 x 3		
" " " forward and aft	1 8			" " if plate iron, breadth and thickness	inner post 8 1/4 x 4 at the bottom and tapering to three at the lower end.		
Floors, Size of Angle Iron, and No. one at bottom of Floor Plate.....	4 2 3/4 3/8			Keel, if bar iron, depth and thickness.....			
" depth & thickness of Plate at mid line..	20 in			" if plate iron, breadth and thickness	8 1/2 two in breadth making good cap-		
" " " at turn of bilge	about 6			Garboard Plates, thickness..	Staffordshire	11/16	
" Size of Reversed Angle Iron, and No. one at top of Floor Plate..	3 3 3/8			" to bilge "		9/16	
Ribs, Size of Angle Iron, single or double....	4 2 3/4 3/8			Bilge "		9/16	
" " Reversed Iron, if to every frame or every other frame.....	3 2 1/2 3/8			" to Wales "		1/2	
Beams, Deck (N ^o .) double or single	spaced beam is formed with single angle iron 5 x 3			Wales "		1/2	
" " Angle Iron	Main Deck beam is formed with single angle iron 8 x 2 3/4 and one beam to every other frame.			Topsides "		7/16	
" " depth & thickness of plate amidships				Sheerstrakes "		7/16	
" " double or single Angle Iron,				Planksheers "	Pitch Pine	12 5/8	
" on lower edge				Gunwale Plate or Stringer..	Iron on Spar 8 x 4	12 5/16	
" " average space between				Waterway	Teak, Main 8 x 4	12 7	
" " if wood (N ^o .) sided & moulded				Deck	Yellow pine	1 1/2	
" Hold, (N ^o .) double or single	Hold beams are formed with single angle iron one to every fourth frame 6 x 3.			Ceiling in flat	Deal	2	
" " Angle Iron				Bilge Planks inside	"	2	
" " depth & thickness of plate amidships				Ceiling from Bilge to Clamps	none		
" " double or single Angle Iron,				Hold Beam Clamps	none		
" on lower edge				" " Shelf	none		
" " average space between				" " Stringers	Iron	18 5/16	
" " if wood (N ^o .) sided & moulded				Ceiling between Decks	none		
" Paddle, wood, sided and moulded or if Iron, size of Plate	none			Stringers " "	on Main Deck beams	18 5/16	
" Engine " " " "				Deck Beam Clamps	none		
Keelson, wood, sided & moulded, iron, size of plate, if Box, give sketch & dimensions)	see sketch			" " Shelf	none		
" Side or Bilge	see sketch			Stringers in Hold	none		
" Number	one pair			Deck, Lower	Main Y. Pine	2 1/2	

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

Knight-heads " Teak } are they free from defects? Yes
 Hawse Timbers " }

The Ribs extend in one length from Keel to Main Deck and rivetted through plates with ($\frac{3}{4}$ in.) rivets, about (6) apart.

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

" " " on the ribs " " " from Keel to Main Deck

Keelson, if wood, length of scarp if iron, how are the various lengths connected? by angle iron back to back - see sketch

Plates, Garboard, double or single rivetted to keel, with rivets (7 ins.) diameter averaging ($2\frac{3}{4}$ in.) from centre to centre of rivet.

" edges from Garboards to turn of bilge, worked carvel with a lining piece ($\frac{9}{16}$ in.) thick, or clencher, double or single rivetted; rivets ($\frac{3}{4}$ in.) diameter, averaging ($2\frac{1}{4}$ ins.) from centre to centre of rivets.

" butts from Garboards to turn of bilge, worked carvel with a lining piece ($\frac{9}{16}$) thick, double or single rivetted; rivets ($\frac{3}{4}$ in.) diameter, averaging ($2\frac{1}{4}$ ins.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

" edges from bilge to wales, worked carvel with a lining piece ($\frac{1}{2}$) thick, or clencher, double or single rivetted; rivets ($\frac{3}{4}$ in.) diameter, averaging ($2\frac{1}{4}$ ins.) from centre to centre of rivets.

" butts from bilge to wales, worked carvel with a lining piece ($\frac{1}{2}$) thick, double or single rivetted; rivets ($\frac{3}{4}$ in.) diameter, averaging ($2\frac{1}{4}$ in.) from centre to centre of rivets. Do the lining pieces lap over and rivet through the lands of the strake below? No

" edges of wales and to planksheers, worked carvel with a lining piece ($\frac{7}{16}$) thick, or clencher, double or single rivetted; rivets ($\frac{3}{4}$ in.) diameter averaging ($2\frac{1}{4}$ ins.) from centre to centre of rivets.

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

Side trussing none breadth and thickness of plates none how secured

Deck trussing 6 x 3/4 plate iron " " "

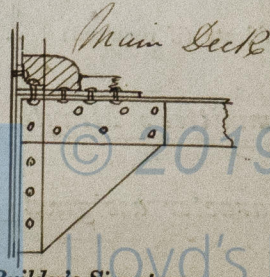
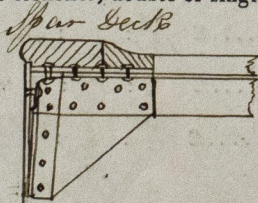
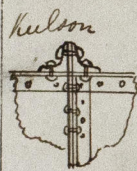
Deck Beams, how secured to the side see sketch

Hold " " see sketch

Paddle " " none

No. of breasthooks three crutches three how are pointers compensated?

What description of iron is used for the angle iron and bar iron in the vessel? Staffordshire



721 Iron

Workmanship. Are the lands or laps of the clenchwork in all cases sufficiently wide to take the rivets and support the strain on them? *Yes*
 Do the edges of the carvel work and of the butts lay close together throughout their length without requiring any making good of deficiencies? *Yes*
 Do the fillings between the ribs and plates fill in all solid with sliver pieces, or are they in short lengths? *Solid*
 Do the holes for rivetting plate to lining piece, or plate to plate, &c., answer well to each other? *Yes* and are the rivet holes well and sufficiently countersunk in the outer plate? *Yes*
 Are there any rivets which either break into or have been put through the seams or butts of the plating? *No*
 Was the plating caulked internally in the wake of the frames or ribs? *No*

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 .		Fathoms.		Inches.	N ^o .		Cwt gr lb
<i>Two masts</i>	Fore Sails,	<i>300</i>	Chain	<i>1 3/8</i>	<i>3</i>	Bower,	<i>20.2.10</i>
	Fore Top Sails,	<i>120</i>	<i>Stream Chain</i>	<i>7/8</i>	<i>1</i>	Stream,	<i>20.1.9</i>
	Fore Topmast Stay Sails,	<i>120</i>	Hempen Stream Cable	<i>8</i>	<i>2</i>	Kedge,	<i>10.2.10</i>
	Main Sails,	<i>80</i>	Hawser	<i>7</i>			<i>5.0.18</i>
	Main Top Sails,	<i>120</i>	Towlines	<i>6</i>			<i>3.1.21</i>
and		<i>120</i>	Warp	<i>5 1/2</i>			
		<i>120</i>	All of <i>Good</i> quality.	<i>5</i>			

Her Standing and Running Rigging *Wire Hemp* sufficient in size and *Good* in quality.

She has *One Pinnace* ~~Long Boat and~~ *Three life boats and one Gig*

The present state of the Windlass is *Good* Capstan *Good* and Rudder *Good* Pumps *Good*

GENERAL REMARKS.

Statement and date of repairs; extent of corrosion (if any) both internally and externally; and condition of rivets.

This vessel has four water tight bulkheads, when she was laid down, she was only intended to have two decks, but a Spar Deck has been added since - She is very roughly built and if classed for a number of years, it should not extend, in our opinion beyond six.

*Altho built under special survey we think *T. W. Maymouth* she is not entitled to be marked with the cross - thus + -*

J. H. Hitchen

J. S. Martin

In what manner are the surfaces preserved from oxidation? *with Red Lead -*

I am of opinion this Vessel should be classed *A* from year to year, but not to exceed 6 years

The amount of the Fee£ *5* : - : - is received by me,

Special£ *24* : *12* : *6*

Certificate (if required)£ : : -

Committee's Minute *9th February 1855*

Character assigned *A*

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