

IRON SHIPS.

No. 3615 Survey held at Shields Date 14th Aug 1848
on the Barque "Royal Sovereign" late A Steamer Master Sawson

Tonnage—Gross 291 Engine Room _____ Register 446 Built at Glasgow

When built 1834³⁰⁹ By whom built _____ Owners J. Ray

Port belonging to London Destined Voyage Antwerp

If Surveyed Afloat or in Dry Dock In Dry Dock Clased — Built from Ship on the

[illegible]

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

Knight-heads „
Hawse Timbers .. } are they free from defects ?

The 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 ribs " " " from to

Keelson, if wood, length of scarp if iron, how are the various lengths connected?

Plates, Garboard, double or single rivetted to keel, with rivets (ins) diameter, averaging (in.) from centre to centre of rivet.

edges from Garboards to turn 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 Garboards 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 wales, worked carvel with a lining piece () thick, or clencher, double or single rivetted; rivets (in.) diameter, averaging (ins.) from centre to centre of rivets.

butts from bilge to wales, 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?

edges of wales and 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.

Planksheer, how secured to the plating of the sides (Explain by a sketch,)

Waterway „ „ planksheer and to the beams { if necessary. }

Side trussing	breadth and thickness of plates	how secured
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Deck trussing	"	"	"	"	"
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Deck Beams, how secured to the side

Hold " "

Paddle

No. of breasthooks	crutches	how are pointers compensated?
1	1	1
2	2	2
3	3	3
4	4	4
5	5	5
6	6	6
7	7	7
8	8	8
9	9	9
10	10	10
11	11	11
12	12	12
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93	93	93
94	94	94
95	95	95
96	96	96
97	97	97
98	98	98
99	99	99
100	100	100

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

Builder's Signature.

Workmanship. Are the lands or laps of the clench work in all cases sufficiently wide to take the rivets and support the strain on them?

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 all solid with sliver pieces, or are they in short lengths?

Do the holes for rivetting plate to lining piece, or plate to plate, &c. answer well to each other?

and are the rivet holes well and sufficiently

counter sunk in the outer plate?

Are there any rivets which either break into or have been put through the seams or butts of the plating?

Was the plating caulked internally in the wake of the frames or ribs?

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 .	
2	Fore Sails,		Chain	3	Bower,
2	Fore Top Sails,		Hempen Stream Cable	/	Stream,
2	Fore Topmast Stay Sails,		Hawser	/	Kedge,
1	Main Sails,		Towlines	<i>sufficient in weight</i>	
2	Main Top Sails,		Warp		
and	<i>well found</i>		All of <i>good</i> quality.		

Her Standing and Running Rigging tree sufficient in size and good in quality.

She has A Long Boat and Quarter boat

The present state of the Windlass is good Capstan much 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 having been a Voyage to India as a Steamer the plates under the Parallels Beam were split assunder in a Vertical direction upwards of four feet in length in consequence of not being built of sufficient strength in the upper part, to sustain from straining in a heavy sea way - To remedy this defect we had Two Strakes of 7/16 Iron plates on each side brought on outside the outer Sheerstrake and Topsides and Riveted through all Angle Iron Ribbs & and a New shelf of 1/2 inch Iron plate secured with Angle Iron and through the new plates, there were also other repairs of wood viz New waterways on main deck put New lower shelf of wood and put of the Kelson taken up and renewed, (Her Machinery is taken out and she is now a Sailing Vessel) - also 4 extra Hold Beams secured

We had some Holes but in the bottom plates but did not find that Oxidation had taken place to the extent of what might have been expected the Plates appeared to have been when new 3/8 they are now 5/16

In what manner are the surfaces preserved from oxidation?

Stuffed with Red lead on the inner surface and Rosin mixture without.

I am of opinion this Vessel should be Classed F. 1.

The Amount of the Fee.....£ 2 : - : - is received by *Mr. Poppelwell*

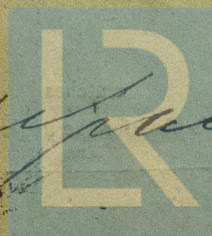
Special£ 9 : - : -

Certificate (if required)£ - : 10 : -

will be called for at

The Office
Committee's Minute 18th April 1848

Character assigned A 1



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