

# STEAM VESSELS.

1205

No. 1205 Port of St. Paul Date Sept. 15<sup>th</sup> to Dec. 15<sup>th</sup> 1842

Survey of the Steam Ship "Sirius" Master Roger Langlands

Tonnage 696 <sup>59</sup>/<sub>74</sub> By whom built Leith Where built Leith

When built June 1836 Owners S. George's & Co. Ltd. Port belonging to Dublin

Destined Voyage not determined

Surveyed Afloat or in Dry Dock Afloat and in Messrs. Gibson & Son's Dry Dock

Dimensions.				Thickness of Plank.			
Feet.		Inches.		Feet.		Inches.	
Length of Keel.....	172	0	Depth of Hold.....	10	0		
Rake of Stem.....	9	0	Lower Hold.....				
D° of Stern Post.....	about	1	Between Decks.....				
Extreme Breadth.....	20	3					
Power of Engines.....							

  

Scantling of Timber.				Outside.		Inside.	
Inches.		Sided	Moulded	Inches.		Inches.	
		Inches.	Inches.				
Timber and Space, each.....	26						
Floors in the middle.....	12 1/2	13 1/2	11				
1 <sup>st</sup> Foothooks.....	all cross Cheeked.	10 1/2	13.9				
2 <sup>nd</sup> Foothooks.....		10 1/2	11.0				
3 <sup>rd</sup> Foothooks.....	as large as possible.	9 1/2	9 1/2				
Top Timbers.....		9	0.5				
Deck Beams.....	Middle.....	11	11 1/2				
	Knees.....	7 1/2					
Lower Deck Beams.....	Middle.....	10	10.0				
	Knees.....						
Paddle Beams.....		17 1/2	10				
Main Kelson.....		19	10				
		16 1/2	17				

  

Engine and Boiler Sleepers.				Bolts.	
No.	Length.	Sided	Moulded	Inches.	
		Inches.	Inches.		
4	20 of 6-6	13	10		
	2 of 13-0				

  

Masts, Yards, &c.				Sails.	
Quality of Wood.		Length, &c.	Diam.	Is generally well found in Sails, or otherwise.	
Bowsprit.....		32-0	1-6 1/2		
Foremast.....	Yellow Pine	67-6	1-5		
Main Mast.....		71-0	1-5		
Mizen Mast.....	Temporary one	37-0	-10		

  

Cables, Cordage, &c.				Anchors.		Boats.	
Fathoms.		Inches.		Nos.		Number and Description.	
Cables, Hemp.....	96	1 1/2					
D° Iron.....	96	1 1/2					
Hawser.....	102	7					
Towlines.....	70	5 1/2					
1 <sup>st</sup> Warp.....	70	4 1/2					
2 <sup>nd</sup> D°.....	112	4					

  

Standing and Running Rigging is all found to be sufficient in size, and good in quality.		We certify that the preceding is a correct description of the above-named Vessel and Stores.	

Owner's Name

Surveyor's Name

She has a 2<sup>nd</sup> D<sup>o</sup> raised 3-2 1/2 above the main Deck, and 51-0 long.



# SURVEYOR'S REMARKS.

**Timbering.** each alternate pair of Timbers are bolted together

The Quality, } good  
Squaring, and }

Workmanship. - good, particularly throughout this Repair

Sponcings are formed by the Body of the Ship

## Engine Room.

Floors filled in solid Filled in Solid to the 1<sup>st</sup> Full<sup>h</sup> heads abreast of  
to the floor heads, Engine and Boilers and to Floor heads afore & abaft them  
or to what place.

Arrangement of Two on each side of main keelson, the outer one is 8<sup>ft</sup> in from  
Sleepers. middle-line both extend from 14<sup>ft</sup> 0<sup>in</sup> before Engine Room to about  
19<sup>ft</sup> 0<sup>in</sup> abaft Boiler Room Bulkhead

**Planking.** Wales (5 Strakes) the two lower and the upper are of English Oak  
Outside and Inside with a small portion of East India Teak. The rest are of Baltic Fir.  
Quality, Edging, above the Wales chiefly Dantzig Oak, from Wales to keel Baltic Fir,  
and Workmanship. Inside. 14 Strakes of Lower D<sup>h</sup> Clamp and 2 Strakes at Floor heads  
are of Dantzig Oak, the remainder is of Baltic Fir, quality & good

## Fastenings.

Iron or Copper, and Copper fastened below the Wales when built also an extra  
Date when done. Thru Bolt in the next Timber from the 13<sup>th</sup> Butt, now driven  
Butt Bolts through and clenched, or otherwise.

If diagonally trussed Diagonally Truss<sup>d</sup> Fore & Aft with Iron 4 by 5<sup>ft</sup>, let into  
or otherwise. the Timbers from the under side of Upper D<sup>h</sup> to Bilges, also  
now Transversely Truss<sup>d</sup> with Iron 4 by 5<sup>ft</sup> on Clamp, Ceiling &  
down to Bilges

If Sheathed, }  
Coppered, }  
Doubled, } Now Sheathed with Yellow Metal on Paper to 13<sup>ft</sup> 0<sup>in</sup> Fore & 14<sup>ft</sup> 0<sup>in</sup> Aft  
Felled. }

## Repairs.

Inside, the whole of the Ceiling &c stripped off from the Stern Frame  
thence home to Stern the whole of which was of 3<sup>rd</sup> Baltic Fir. 14 Strakes of Lower D<sup>h</sup> Clamp  
extending Fore & Aft of 4<sup>th</sup> Dantzig Oak and each Strake Dougl'd to every fourth Timber  
also 2 Strakes of d<sup>o</sup> at Floor heads now introduced all well bolted. The Transverse Iron  
Trussing upon the Clamps Ceiling &c, the Double Shelf Pieces bolted thru every Timber in  
Main Body of the Ship two Iron Crutches and a lower Breast<sup>hook</sup> of Iron are also newly introduced

Nine new 2<sup>nd</sup> Full<sup>h</sup>, twenty four 3<sup>rd</sup> Full<sup>h</sup> & twenty six Top Timbers abreast of Boilers  
in lieu of those which had perished by heat & moisture, also five 1<sup>st</sup> & four 2<sup>nd</sup> Full<sup>h</sup> in the

**General Observations** run in lieu of those dry rotted, a new Arm to one Paddle Beam  
the whole of the Deck and part of the Waterway new, 5 new Iron Trusses on Timbers  
in Midship all the Iron knees to Beams refitted & rebolted. Repairs Outside in Wales  
914 of English Oak & East India Teak & 559 ft<sup>2</sup> of Baltic Fir, below Wales 1614 ft<sup>2</sup> of Baltic Fir, and  
128 ft<sup>2</sup> of 4<sup>th</sup> & 1<sup>st</sup> Dantzig Oak Plank above Wales, the whole of the outside Plank dub<sup>d</sup>  
over, 20 Stanchions, 1 Cathead, two Supporters, fore part of Knee of Head & Figure of "Sirius" new  
The Ship Caulked throughout & newly Sheathed with Yellow Metal

I am of opinion with Baltic Fir Wales, and deducting one year not being Surveyed  
while Building, that she should be Class'd A 1 for 6 Years from date of

entering & Classing under the Rules } 5 " 0 " 0 build June 1836. Rule 54 for

Special Surveys on Repairs - 5 " 5 " 0 Continuation has been fully complied with

0<sup>o</sup> 0<sup>o</sup> Continuation 2 " 2 " 0

Certificate - " 10 " 0  
The Amount of the Fee, " £ 12 : 17 : 0 is received by me.

Committee Minute 16<sup>th</sup> December 1832

Character assigned

*Continued* 2 A 1 J. A. Smith

1 Guinea each

HUL392/200