

# STEAM VESSELS.

1797

No. 1797 Port of Liverpool Date March 11 1837  
 Survey of the Steam Packet Waterford Master J. C. Barnes  
 Tonnage 410 By whom built Wm White & Co Where built Waterford  
 When built Nov 1836 Owners Waterford Steam Nav Comp Port belonging to Waterford  
 Destined Voyage Waterford and London  
 Surveyed Afloat or in Dry Dock In dry dock

## Dimensions.

	Feet.	Inches.		Feet.	Inches.
Length of Keel.....			Depth of Hold .....	10	9
Rake of Stem .....	17	0	Lower Hold .....		
D° of Stern Post.....			Between Decks .....		
Extreme Breadth .....	20	2			

Power of Engines.....two of 150 each

## Scantling of Timber.

	Inches.	Sided Inches.	Moulded Inches.	Sort of Wood.
Timber and Space, each.....	26	26	26	all British Oak
Floors in the middle .....	13	13	15	
1 <sup>st</sup> Foothooks .....	10 1/2			
2 <sup>nd</sup> Foothooks .....	10 1/2			
3 <sup>rd</sup> Foothooks .....	9 1/2			
Top Timbers .....	9			all British Oak
Deck Beams.....Middle.....	13	13		
.....Knees .....	7			
Lower Deck Beams....Middle.....	12 1/2	12 1/2		all British Oak
.....Knees .....	0			
Parade Beams .....	27	22 1/2		
Main Kelson .....	16 1/2	20	20	Red Pine
Engine and Boiler Sleepers ..	4	all British, 10	20	Red Pine

## Thickness of Plank.

Outside.	Inches.	Inside.	Inches.
Bottom .....	4	Ceiling .....	4
Bilge Planks...2.5 in. 4.	6	Bilge Planks.....5.4.	5
Sponcings .....	3 1/2	Lower Deck Clamps .....	5
Wales .....5 1/2 wide.....	4 1/2	Upper Deck Clamps .....	4
Topsides .....	3 1/2	Shelf Pieces .....	7 by 12
Shear Strake .....	2.4.		
Plank Shears.....	4		

## Decks.

Thickness.....	Inches.	Water Ways .....	Inches.
	3 1/2		4 - all British

## Bolts.

	Inches.		Inches.
Heel-Knee, and Dead Wood..	1 1/4	Butt Bolts.....	3 1/2
Scarphs of the Keel...8.4.	1	Lower Deck Beam Bolts.....	1
Kelson Bolts .....	1 1/2	Hooks forward at throat .....	1 1/2
Sleeper Bolts .....	1 1/2	Hooks forward at arms.....	1
Bolts thro' the Bilge and Foot	7/8	Transoms .....	1 1/2
Waling .....	7/8	Lower Pintle of the Rudder ..	2 3/4

## Masts, Yards, &c.

	Quality of Wood.	Length, &c.
Bowsprit .....	Red Pine of sufficient length	
Foremast .....		
Main Mast .....		
Mizen Mast .....		

## Sails.

Is generally well found in } one suit - with spare  
 Sails, or otherwise.

## Cables, Cordage, &c.

	Fathoms.	Inches.
Cables, <u>Hemp</u> <u>Chain</u> .....	200	1 3/4 & 1 1/2
D° <u>Iron</u> <u>Stream</u> .....	100	1 1/2
Hawser.....	90	10 -
Towlines .....	90	7 & 90 ft. 5"
1 <sup>st</sup> Warp .....	90	4 1/2"
2 <sup>nd</sup> D° .....	90	4"

## Anchors.

Nos.	
3	Bower
1	Stream
1	Kedge

## Boats.

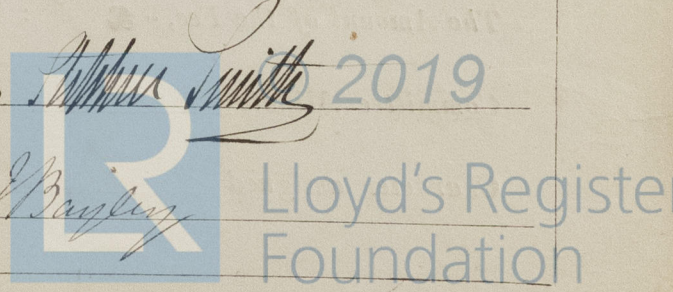
Number and Description.  
 one good long Boat  
 and a yawl 20 feet long

Standing and Running Rigging is all found to be sufficient in size, and good in quality. } Standing Rigging is Chain both Standing and Running Rigging is sufficient in size & good in quality

We certify that the preceding is a correct description of the above-named Vessel and Stores.

Builder's Name also Surveyor at Waterford

Surveyor's Name



LIV574-0214



# SURVEYOR'S REMARKS.

(574)

## Timbering.

The Quality, Squaring, and Workmanship. *All the frame is of English oak when visible it is well squared and good in quality.*

## Engine Room.

Floors filled in solid to the floor heads, or to what place. *Filled in solid for 120ft in midships rather above the floor heads.*

Arrangement of Sleepers. *Sleepers Run fore and aft as far as the form of the vessel allow their top to form a straight line. Sleepers 2ft 3" from side of keelson and 2ft 0" apart.*

## Planking.

Outside and Inside Quality, Edging, and Workmanship. *The Plank is well worked - the Wales - and sheer strakes are of British oak, the Bottom from the keel to first futtock heads is Quebec Elm - between first futtock heads and the wales as well as the topsides is Red Pine.*

## Fastenings.

Iron or Copper, and Date when done. *Below the wales all copper well fastened and put in at the time of her build.*

Butt Bolts through and clenched, or otherwise. *all the Butt Bolts through and clenched. She has 14,000 Bilge Bolts through and clenched.*

If diagonally trussed or otherwise. *not diagonally trussed.*

If Sheathed, Coppered, Doubled, Felted. *Sheathed with Copper on Paper March 1837.*

## Repairs.

*Several Planks of her Bottom Replaced - and a new keel in consequence of having been on shore with the exception of an 10 feet length aft. Caulked from keel to wales and Coppered on Paper at the present time.*

## General Observations

and Opinion as required by the Instructions. *This is a well Built vessel. Her workmanship is good and the connection excellent every way. Her Beams with the (exception of the Paddle Beams) are some of them Scarphed. they are well squared and nearly free from sap. The Plank of the Bottom between the first futtock heads and the lower part of the wales being Red Pine brings her within the class Marked 7 A and I am of opinion she should class 7 A 1-*

The Amount of the Fee, £ 5 : 5 : is received by me.

Committee Minute 9 May 1837

Character assigned A 1 for 7 Years



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No 1797. Steam Packet Waterford