

No. 105 Port of Greenock Date 27th December 1834
 Survey of the Brig Orion Master Robert Chambers
 Tonnage 193 Owners Martin & Company Port belonging to Greenock
 By whom built Alex^r Denny & Son Where built Dumbarton When built 1828
 Destined Voyage to St. Domingo

Dimensions.				Thickness of Plank.			
Feet. Inches.		Feet. Inches.		Outside.		Inside.	
Length of Keel	84	Depth of Hold	15 2	Bilge to Wale	3	Ceiling below Hold Beams	2 1/2
Rake of Stem	8 1/4	Lower Hold	9 4	Short Hoods	3	Clamps and Bilge Planks	4
D° of Stern Post		Between Decks	5	Bilge Planks	4 1/2	Upper Deck Clamps and	3 1/4
Extreme Breadth	22 10 1/2			Bilge to Keel	3	Spirketting	2 1/2
				Wales	4	Twixt Deck Ceiling	2 1/2
				Topsides	2 1/2		
				Shear Strake	3 1/2		
				Plank Shears	3		

Scantling of Timber.			
	Inches.	Sided Inches.	Moulded Inches.
Timber and Space, each	13		
Floors in the middle		10 1/2	11
— at the ends		10 1/2	9
1 st Foothooks		9 1/2	10
2 nd Foothooks			
3 rd Foothooks		7 1/2	4
Top Timbers		4	5 1/2
Deck Beams.....Middle.....		8 1/2	9 1/2
— at the Ends..		8 1/2	6
— Knees		5 1/2	18
Hold Beams.....Middle.....		10	10
— at the Ends..		10	4
— Knees		6	22
Main Kelson		12	16
Scarphs of Kelson		11	43

Decks.	
Thickness.	Inches.
Red pine	3
Water Ways	8

Bolts.	
Inches.	Inches.
Heel, Knee, and Dead Wood	
abait	
Scarph of the Keel	
Kelson Bolts	
Bolts thro' the Bilge and Foot	
Waling	
Butt Bolts	
Hold Beam Bolts	
Hooks forward at throat	
Hooks forward at arms	
Transoms	
Lower Pintle of the Rudder	2 1/2

We certify that the preceding is a correct description of the above-named Vessel. Witness hand, this day of

Builder's Name

Surveyor's Name

Masts, Yards, &c.

	Quality of Wood.	Length, &c.
Downsprit		31 1/2 feet by 20 inches
Foremast	Red pine	60 " by 17 1/2 "
Main Mast		62 1/2 " by 18 "
Mizen Mast		

Cables, Cordage, &c.

	Fathoms.	Inches.
Cables, Hemp		
D° Iron	180	1 1/2
Hawser	90	6
Towlines	80	5
1 st Warp		
2 nd D°		

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

Sails.

No.		Nos.
2	Fore Topmast Stay Sails	one nearly new
3	Fore Sail	one new
2	Fore Topsails	one good
2	Main Sails	one nearly new
2	Main Top Sails	one ditto

And is generally well found in other sails.

Anchors.

No.	
2	Bower
1	Stream
2	Kedge

Boats.

Number and Description.
1 Long Boat, 1 Dolly Boat
1 gig.

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

Owner's Name

Nautical Surveyor's Name



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SURVEYOR'S REMARKS.

Timbering.

The Quality, *All British and African oak, and where seen, well squared, and*
 Squaring, and *good workmanship.*
 Workmanship.

Planking.

Outside and Inside *Planking and caulking, as per other side, Quality and*
 Quality, Edging, *workmanship good as far as seen.*
 and Workmanship.

Fastenings.

If Sheathed, *Copper fastened below the Water, Bidge and back both thro' and*
 Doubled, or *clenched on Rings. - Lower deck fastenings, double lodying Iron of*
 Felted. *Brit: oak, with Shaltpiece of Amer: oak, above the Bedms, sided 5*
by 12 Inches. Upper deck fastenings, double lodying Iron of Brit: oak
with Shaltpiece of Amer: oak, sided 4 1/2 by 16 Inches. -
Sheathed with pine, from Water to Light water mark, and Copper
on paper in 1834.

Repairs.

General Observations *Surveyed while afloat, and according to the Rules for*
 and Opinion as *Classification, may be entitled to be Classed "A 9" from*
 required by the *the first.*
 Instructions.

The Amount of the Fee, *£ 1 : 1 : ..* is received by me.

Committee Minute *12 February* 1835

Character assigned *A 1 for 9 Years*



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