

No. _____ Port of Troon Date 23rd March 1835. 138.
 Survey of the Brig Harmony Master James Thomson
 Tonnage 164 Owners Robert Thomson & others Port belonging to Troon, (Port of Irvine)
 By whom built David Andrew Where built Ayr When built 1813
 Destined Voyage Troon to Quebec.

Dimensions.				Thickness of Plank.			
Feet. Inches.		Feet. Inches.		Outside.		Inside.	
Length of Keel	22 1/4	Depth of Hold	14 5	Bilge to Wales	Buttish oak 3	Ceiling below Hold Beams	Buttish oak 2 1/2
Rake of Stem	18 5	Lower Hold	9	Short Hoods	Buttish oak 2 1/2	Clamps and Bilge Planks	Buttish oak 1
D° of Stern Post	1	Between Decks	4 5	Bilge Planks	Buttish oak 5	Upper Deck Clamps and	Buttish oak 3 1/2
Extreme Breadth	22 1/4			Bilge to Keel	Buttish oak 3	Spirketting	red pine 5

Scantling of Timber.				
	Inches.	Sided Inches.	Moulded Inches.	Sort of Wood.
Timber and Space, each	11			
Floors in the middle		10 1/2	12 1/2	
at the ends		10 1/2	10	
1 st Foothooks		10	11	Buttish oak
2 nd Foothooks		9	9 1/2	
3 rd Foothooks		8	7	
Top Timbers		7	6	
Deck Beams.....Middle.....		9 1/2	10	
at the Ends..		9 1/2	8	Ditto
Knees		5 1/2	20	
Hold Beams.....Middle.....		10	10	Buttish oak
at the Ends..		10	8	
Knees		6	24	
Main Kelson		14	13	American oak
Scarphs of Kelson		14	9 1/2	

Decks.	
Thickness.	Inches.
Buttish pine	3
Water Ways	Buttish oak 4 1/2

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

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.			Sails.	
	Quality of Wood.	Length, &c.	Nos.	Nos.
Bowsprit	Buttish pine	30 feet by 17 1/2 inches	2	Fore Topmast Stay Sails one good
Foremast	Red pine	48 1/2 by 17 1/2 "	2	Fore Sails one ditto
Main Mast	Buttish pine	52 1/2 by 18 "	2	Fore Topsails one nearly new
Mizen Mast			1	Main Sails good
			2	Main Top Sails one new

And is generally well found in other sails.

Cables, Cordage, &c.			Anchors.		Boats.	
	Fathoms.	Inches.	Nos.		Number and Description.	
Cables, Hemp			2	Bower	a Long Boat and a	
D° Iron	140	1 1/4 1/16	1	Stream	Jolly Boat.	
Hawser	80	7 1/2	2	Kedge		
Towlines	85	5				
1 st Warp	70	3 3/4				
2 nd D°	45	5 1/8				

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 Stores of the above-named Vessel.

Owner's Name Robert Thomson for self & other owners
 Nautical Surveyor's Name John A. Cumming



SURVEYOR'S REMARKS.

Timbering.

The Quality, *All British oak, as per other side, good quality, well squared*
 Squaring, and *and good workmanship where seen*
 Workmanship.

Planking.

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

Fastenings.

Copperfastened below the Waly, belye and batt bottom, part thro' and
 If Sheathed, *clenched, ducks coppernailed, Lower deck fastenings, Double lodying timbers*
 Doubled, or *of British oak, and shelfpiece above the Beams of British oak sided 4½ by 12½*
 Felled. *Inches; Upper deck fastenings, Double lodying timbers of British oak, with*
shelfpiece of red pine (new) sided 5 by 10½ inches. Sheathed with 18 inch
Rine on paper in 1833. -

Repairs.

Had large repairs in 1833, Lower binding renewed in 1835. - Per
Certificate of Robert Thomson herewith. -

General Observations

and Opinion as
 required by the
 Instructions.

Surveyed while in Dry dock at Troon, under repair, and
according to the Rules for Classification, may in my opinion
be entitled to be classed "A" - subject to the prescribed
Surveys. -

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

Committee Minute 14 April 1835

Character assigned A. 1

I Robert Thomson
the County of
Certify, that
I repaired
now of Troon
time all the
was stripped
spring or
& new ones
with Part
from the
& below the
That the
new sheer
= my botty
& partly
hook & one
can beed,
with 18 in
and that
of Redpi