

No. 307 Survey held at Radston Date 22/8/49 1849
on the Schooner Amalan Master Rich Harvey
Tonnage 85.20 Built at Radston When built 1849
By whom built R V Hedwens Owners R V Hedwens
Port belonging to Radston Destined Voyage Mexico
If Surveyed Afloat or in Dry Dock in yard whilst Building

Length aloft	Feet. 53	Inches. -	Extreme Breadth	Feet. 19	Inches. 4 1/2	Depth of Hold	Feet. 10	Inches. 4
Scantlings of Timber.			Thickness of Plank.					
Room and Space	Inches. 18		Inches. Middle	Inches. Ends	Outside.	Inches.	Inside.	Inches.
Floors.....sided	9	Moulded	9	8	Keel to Bilge	2 1/2	Limber Strakes	2 1/2
1 st Foothooks.....	7	"	8	7	Bilge Planks.....	4	Bilge Planks	3
2 nd Ditto.....	6 1/2	"	7	6	Bilge to Wales.....	3	Ceiling in Flat	2 1/2
3 rd Ditto.....	6	"	5 1/2	4 1/2	Wales	4	Ditto Bilge to Clamp	2 1/4
4 th Ditto.....	6	"	5 1/2	4 1/2	Topsides	2 1/2	Hold Beam Clamps	2 1/2
5 th Ditto.....	6	"	5 1/2	4 1/2	Sheer Strakes	3	Deck Beam Ditto.....	2 1/2
6 th Ditto.....	6	"	5 1/2	4 1/2	Plank Sheers.....	2 1/2	Ceiling 'twixt Decks	2 1/4
7 th Ditto.....	6	"	5 1/2	4 1/2	Water-Ways	4	Hold Beam Shelves	2 1/4
8 th Ditto.....	6	"	5 1/2	4 1/2	Upper Deck	2 1/2	Deck Beam Ditto.....	5

Size of Bolts in Fastenings, distinguishing whether			Iron.		
Copper or Iron.	Inches.	Copper or Iron.	Inches.	Iron.	Inches.
Keel and Dead Wood abaft	<u>1 1/2</u>	Bolts thro' the Bilge and Limber Strakes	<u>3/4</u>	Hold Beam	<u>3/4</u>
of Keel	<u>3/4</u>	Butt End Bolts	<u>5/8</u>	Deck Beam	<u>3/4</u>
Limber Bolts	<u>1</u>	Lower Pintle of the Rudder	<u>2 1/2</u>		
Ditto	<u>1</u>				
as and throats of Hooks	<u>1</u>				
of Hooks	<u>7/8</u>				

Ring.—The Space between the Floor Timbers and Lower Foothooks in this Vessel is 1 1/2 Inches. Along The Space between the Top-timbers is 5 1/2 Inches. The Stem, Stern Post, are composed of English Oak the Transoms, Aprons, Knight Heads, Hawse Timbers, of English Oak and are free from all defects.
Floors and first Foothooks are composed of English Oak, Amer Oak, Ash & Hackmatack Timber.
other Foothooks and Top Timbers of 1 1/2" Futhooks Oak, remainder English Oak
Shifts of the first and second Foothooks are not less than 3-4 N. B. When less than prescribed by the Rule, state how many.
rest of the Shifts of the Frame are Superior
Frame is thoroughly squared from the first Foothook Heads upwards, and thoroughly free from sap, and from thence downwards, the frame is square
alternate Frames are all bolted together. N. B. If not, state how bolted.
Butts of the Timbers are all close together; their thickness not less than 1/3 of the entire moulding at that place.
Frame is partially chocked with square Butt at each end of the chock.
Main Kelson is composed of Amer Oak and the False Kelson of Red Pine
Scarp of the Kelsons are not less than no scarp, all in one piece feet — inches.
Deck and Hold Beams are composed of Amer Oak, English Oak & Hackmatack
ng Outside.—From the Keel to the first Foothook Heads the Plank is composed of Amer Oak
the first Foothook Heads to the Light Water Mark of Red Pine
the Light Water Mark to the Wales of Red Pine
Wales and Black-strakes are of Amer Oak The Topsides of Red Pine
Sheer-strakes and Plank-sheers of Red Pine The Water-ways of Red Pine
Decks of Red Pine State of Good
Shifts of the Planking are not less than 5 Feet — Inches. N. B. If less than prescribed by the Rule, state whether general or partial, and if partial, in what part of the Ship.
The Planking is wrought 3 Strakes between
ng Inside.—The Limber-strakes are composed of Amer Oak the Bilge Planks of Amer Oak
The Ceiling, Lower Hold, of Red Pine Between Decks of Red Pine
Shelf Pieces of Red Pine Clamps of Red Pine

Fastenings.—To Hold Beams
Deck Beams Moulded in Shelf & Keel & in Keel in Hatchway
of Breasthooks Four Pointers — Crutches —
Bolts are of Iron in the Bottom, and One Bolt in each Butt End through and clenched.
Limber Strakes Iron bolted through and clenched. Treenails of English Oak
of Workmanship Good
The preceding is a correct description of the above-named Vessel,
R V Hedwens Surveyor's Signature Rich Harvey

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 .	
/	Fore Sails,	150	Chain	1 1/2	2	Bower, 6-1-0 & 6-0-0
/	Fore Top Sails,	70	Hempen Stream Cable	7	1	Stream, 4-2
/	Fore Topmast Stay Sails,	70	Hawser	4 1/2	2	Kedge, 2-2 & 1-0-0
/	Main Sails,	70	Towlines	3 1/2		
/	Main Top Sails,	70	Warp	2 1/2		
and			All of <u>good</u> quality.			

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

She has One Long Boat and

The present state of the Windlass is Patent good Capstan good and Rudder good Pumps Iron

General Remarks—Statement and Date of Repairs.

This vessel ~~is~~ is well put out of hand and firmly built. She has a long Hatchway which will account for the small number of deck beams, I could not get a Certificate for the proof of 50 fathoms of 1 1/2 Chain.

Be pleased to forward a Certificate to Messrs J. H. & Co. Paddisley

If sheathed, doubled, Felted, or Coppered _____ When last done _____

I am of opinion this Vessel should be Classed 6 years A1

The Amount of the Fee.....£ 1 : 0 : 0 is received by me, John Robinson

Special£ : :

Certificate (if required)£ : 5 :

Committee's Minute 24th Aug 1849

Character assigned 1 for 6 years