



Survey Report

1. Introduction. At the request of Mr Eugene Lamb I surveyed the vessel *Fánaí* at Kinvara Pier, Co Galway. The vessel was dried out alongside, starboard side on. Some areas of the starboard side therefore were not accessible for inspection.

2. Description of vessel The vessel is an Ebbtide class sailing sloop, a traditional style cruising yacht, designed by Naval Architect Alan Pape. Hull is of radiused chine steel construction, with long keel, slightly raked radiused transom and raised coachroof with 'doghouse' aft. *Fánaí* was built by the owner, Mr Eugene Lamb, an experienced competent craftsman. The vessel was launched in 2003.

Length overall - 11.23 Metres

Waterline length – 9.18 Metres

Beam – 3.45 Metres

Draft – 1.75 Metres

Registered tonnage – 14.24

Registration Port – Galway No. 403713

3. Hull and superstructure. Hull was inspected visually and found to be in good condition overall, without any sign of defects or rusting. Similarly deck and superstructure were in good condition apart from some minor cosmetic scuffing on the paintwork and rust spots on deck as noted in recommendations.

4. Engine The engine is installed in an insulated enclosure in the main cabin. The motor is a 4 cylinder Yanmar 4JH3 Marine diesel 56 HP

Serial no. E20757, complete with Yanmar reduction gearbox. The motor was run briefly, it started easily and ran without smoking.

All fuel pipework, hoses and hose clamps are in good condition.

Exhaust is water-cooled rubber pipework with waterlock. Low oil pressure and overheat audible alarms are in good working condition.

The complete engine installation is in good condition.

- 5. Engine controls** Single lever engine control is fitted in cockpit, operate the engine speed and gearchange. Engine stop control is fitted at companionway. Both controls are cable operated and are in good order.
- 6. Stern gear.** 21 inch diameter 3-bladed bronze propeller is securely fitted to 40 mm diameter propeller shaft with locknut and split pin. Shaft seal is greased packing type in good order. An Aquadrive flexible coupling is fitted to take propeller thrust and alleviate any possible miss-alignment of drive train.
- 7. Rudder.** Rudder is transom hung, of steel construction, with hardwood tiller steering. Rudder hangings and heel bearing are in good condition.
- 8. Mast, Spars, Standing and Running rigging.** All spars are of extruded alloy, mast is double spreader Bermudian rigged. Staysail is fitted with self-tacking alloy boom. All rigging wire is in stainless steel, rigging screws and toggles, tangs and terminals all appear in good order. Running rigging is of 3-strand pre-stretched terylene, all in serviceable order.

- 9. Winch inventory.** 2 Lewmar 48 self-tailing genoa winches, and 2 Lewmar 43 secondary winches, in good working order, but not tested under load.
- 10. Chainplates.** Chainplates are of adequate size securely welded to hull.
- 11. Sails.** Sails appear to be in good order, but were not set during survey. Furling genoa new in 2008, Boomed staysail, new in 2003, Mainsail, new in 2003, has 2 sets of reef-points.
- 12. Keel.** The keel is of welded steel box construction, within which 3.5 tons of lead ballast is contained, encapsulated in concrete.
- 13. Steering.** Steering is by tiller to transom hung rudder . In addition a Hydrovane self steering unit is fitted which can serve as an emergency rudder.
- 14. Seacocks,** 2 engine seacocks, and 2 seacocks to toilet in good working order.
- 15. Windows.** Portlights are recessed in cabin side, noted some rusting in recess. Doghouse glazing while intact, has become slightly cloudy.

16. Gas installation. Butane gas cylinders are carried externally on frame on stern, shut-off valve installed adjacent to cooker.

17. Galley. Galley is on port side. Cooking is by gimballed Eno 2-burner stove with oven. Flame failure devices fitted to all burners. Stainless steel with manual water pump in good order.

18. Fresh water installation. 4 stainless steel water tanks are securely fitted, with a total capacity of 60 gallons. Manual water pump fitted.

19. Accommodation. Sleeping accommodation consists of a double v-berth forward, seating port and starboard in main saloon and two quarter berths aft.

20. Toilet installation. Toilet installation is a Lavac marine manual flush toilet, all hoses and hose clamps, seacocks are in good order.

21. Hand rails and stanchions. Pulpit and pushpit are constructed of stainless steel, securely fixed. Five stainless steel stanchions each side are securely attached to deck. Guard wires are of

stainless steel. Substantial stainless steel rails (Granny Rails) are fitted at mast.

22. Boarding ladder Boarding steps are incorporated into the transom- hung rudder.

23. Access and deck hatches. Escape hatch forward, sliding companionway hatch cockpit to saloon, two hatches to lazarette.

24. Ground tackle and mooring arrangements. Ground tackle is substantial as one would expect on an ocean crossing vessel, comprising 45 KG CQR anchor shackled to 100 metres of 10 mm galvanised chain. Secondary anchor is a Bruce 30 KG anchor with chain and various anchor warps. Adequate mooring warps are on board. A manual anchor windlass is fitted on foredeck.

25. Bilge pump. One electric bilge pump fitted, and one portable Whale manual pump is on board.

26. Fire fighting equipment. One dry powder fire extinguisher installed.

27. Safety Equipment. Not seen

28. Tender and motor. 2.4 inflatable dinghy and 2 HP Honda outboard motor. Not tested.

29. Electric installation. Batteries are 120 amp hour deep cycle, one engine starting battery and two domestic batteries. Fuse and switch panel fitted on port side. Cabin lights fitted, Masthead navigation lights fitted. Solar charging panels fitted on frame aft. All electrical installation in good order.

30. Navigation equipment. Raymarine combined Chartplotter and Radar type SL703, Garmin 128 GPS, Garmin hand-held GPS, Nasa depthsounder, Fluxgate compass. Instruments were not tested,

31. Ventilation. Three Dorade type ventilators fitted.

32. Valuation. I would estimate the vessels valuation in the region of €10,00 to €12000.

33. Recommendations.

1. The following paintwork is required. Hull is slightly scuffed and would benefit from a fresh coat of paint. Underwater surfaces to be antifouled. Deck is showing some signs of minor rusting, rust should be removed from these areas and be repainted properly. Recessed areas at portlights are rusting, these areas should be grit blasted and painted in accordance with paint manufacturers recommendations.

2. Replace Doghouse glazing.

3. Recommend fire fighting and safety equipment be upgraded.

34. Conclusions. *Fánaí* is a tough well built craft of proven performance, and will continue to give satisfactory service when the above recommendations are completed.

Note: This survey was prepared for the sole use of Eugene Lamb and is issued subject to the following conditions:

- *This report does not, under any circumstances whatever, hold Jarlath Cunnane, responsible in any way for errors in judgement, inaccuracy, negligence, omission, misstatement and/or misrepresentation in this report.*
- *This survey or appraisal was made where visible and without making removals and/or borings of structural members and/or removal of fastenings. The main engine and auxiliaries were not surveyed by the undersigned other than mentioned in the enclosed report.*
- *This survey assumes the vessel has been designed and built to the appropriate standards for the purpose in which the vessel will be used.*

- *This survey or appraisal does not constitute an inventory.*
- *This report is not a warranty or guarantee either expressed or implied that unforeseen and/or undetected defects or damage do not exist.*

Signed: _____

Date: _____