

## **PART 2**

### **DRAWINGS, MARKINGS AND TRIALS**

<b>SECTION</b>	<b>SUBJECT</b>
<b>2.1</b>	<b>Drawings and specification</b>
<b>2.2</b>	<b>Markings</b>
<b>2.3</b>	<b>Trials and completion</b>



## **DRAWINGS, MARKINGS AND TRIALS**

### **Section 2.1 – Drawings and specification**

2.1.1 For every vessel prior to construction commencing or in vessels of kit construction, prior to the ordering of the kit, two copies of each of the following construction drawings and a copy of the building specification are to be submitted to the Surveyor for approval. Alternatively drawings may be submitted by electronic format e.g. cd-rom or e-mail.

a) **Hull Construction**

- 1) General Arrangement;
- 2) Constructional profile and decks;
- 3) Transverse sections and bulkheads;
- 4) Engine installation and seating.

b) **Outfit**

- 5) Engine room layout;
- 6) Pumping diagram showing, bilge, deckwash, fire, and ballast water system;
- 7) Engine cooling water system;
- 8) Oil fuel system;
- 9) Electrical generating and distribution diagrams (complying with IEE Regulations);
- 10) Electrical loading schedule.

Constructional details covering the following items are also to be submitted for approval:-

- A) Superstructure and shelters;
- B) Hatches and hatch covers;
- C) Steering gear and rudder;
- D) Propeller, shafting and bearings;
- E) Tanks air pipes and ventilation systems;
- F) Structural fire protection.

2.1.2 Failure to supply any of the above drawings for approval may delay or prevent the issuing of certification.

### **Section 2.2 – Markings**

2.2.1 The lettering and numbering of vessels should be in accordance with current statutory regulations governing the registry; lettering and numbering in accordance with the carving and marking note issued by the Registrar (see Section 7.17).

2.2.2 A new vessel is to be measured for tonnage as required under Registration requirements.

- 2.2.3 Every vessel should have scales of drafts permanently and clearly marked in metric units on each side of the vessel at the bow and where they can be easily read at the stern.

### **Section 2.3 – Trials and completion**

- 2.3.1 Upon completion of the vessel, the Builder is to demonstrate that the following items are in accordance with requirements:-
- a) Anchor can be dropped and retrieved;
  - b) Bilge system can pump water from all watertight compartments;
  - c) Dead ship start;
  - d) Steering gear;
  - e) All installed alarms required by the relevant code are to tested to the satisfaction of the Surveyor;
  - f) Any other requirements requested by the Surveyor.
- 2.3.2 Upon completion of the vessel, the Builder is to demonstrate to the Owner that the vessel is suitable for the fishing method specified, and meets specification and contract requirements.
- 2.3.3 The compass is to be adjusted and a deviation card supplied and mounted in the wheelhouse or at the helm position in accordance with the requirements of the code.