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This information product is intended to be used by anyone who wants to build a boat to a particular and suitable FAO design, it being understood that it is the responsibility of the intended user regarding the selection of a vessel design on the basis of its suitability for the intended fishery, sea state and weather and the availability of suitable construction material and building capability. Furthermore, it is the responsibility of the intended user to comply with national legislation for authorization to construct a fishing vessel and obtain approval of technical specifications. It being noted that the application to build a vessel must be accompanied by the specifications of mandatory safety equipment and outfit. In the case there is no national legislation in place for the design, construction and equipment of vessels FAO recommends that the intended user applies appropriate international standards, such as the FAO/ILO/IMO Safety recommendations for decked fishing vessels of less than 12 metres in length and undecked fishing vessels.

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NOTE: In case of capsize, the canoe can be righted by two men standing on the main hull and pulling the ropes attached to the outrigger. Buoy in fishguard should raise the canoe high enough to permit bailing with a bucket.

7.1m Outrigger Canoe

GENERAL ARRANGEMENT

SCALE = 1:20

LENGTH:
- Overall (LOA): 7.1 m
- Beam maximum (BM): 1.9 m
- Beam moulded main hull (BMH): 1.6 m
- Draught (D): 0.4 m
- Freeboard minimum (FL): 0.4 m

DISPLACEMENT:
- Empty: 60 kg
- Fuel: 30 kg
- Crew: 50 kg
- Service: 110 kg

AUXILIARY ENGINE: Outboard (long shaft): 20 HP, 8 knots
Service speed: 4 HP, 6.5 knots, 4 knots
7.1m Outrigger Canoe
CONSTRUCTION

FOR DETAILS ON RIGGING AND RUDDER SEE DRAWING KIR 8 A, NO. 5 AND 6
**7.1m Outrigger Canoe**

**ENGINE BRACKET**

**SCALE:** 1:5  
**DESIGN NO:** VAN - 2  
**DRAWING NO:** 6

**Lip on inside plate**

**Inside protection plate**  
2 Aluminium or SS  
Drainhole 20

**Flange Basic + 2 x 450 g/m**

**Basic:**  
1 x 300 g/m + 3 x 450 g/m

**SECTION A A**

**Bolt 10 SS with washer**

**Outside protection**
9 ply screwed on

**SECTION**

**SEEN FROM INSIDE**

**SEEN FROM ABOVE**

20 Plywood

Bolt 10 SS with washer