Boat plan KIR-6: 6.5 m two man canoe

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KIRIBATI — 6.5 Metre Two Man Paddling Canoe: KIR-6

Characteristics:
- Length overall: 6.5 m (21.3 ft)
- Beam overall: 2.0 m
- Beam main hull: 0.5 m
- Depth main hull: 0.53 m
- Cubic number, main hull: 1.7 m³
- Weight empty with 2 hp engine and sail: 85 kg
- Normal load: two men + gear: 180 kg
- Weight loaded: 265 kg
- Engine: 2hp with 15 in shaft
- Speed with 2hp outboard and normal load: 6.8 kts
- Fuel consumption: 11 l/h = 0.151 l/nm
- Sail: 5.0 m²

Fishing methods:
- Handlining, trolling — 6 kts

Construction:
- 4 mm marine plywood, built over jig. Fibreglass (FRP) taped keel seam. Outrigger hollow, V-shaped, of marine plywood.

Construction time: 5 man weeks

Cost, 1986:

<table>
<thead>
<tr>
<th>Item</th>
<th>Cost</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hull with rig</td>
<td>SUS 520</td>
</tr>
<tr>
<td>Engine</td>
<td>250</td>
</tr>
<tr>
<td>Total</td>
<td>770</td>
</tr>
</tbody>
</table>

Comments: This design is being tested in the UNDP Integrated Atoll Development Project at Tamana, Kiribati.