

PROGRESS

The main project achievements are as follows:

1. Boats and equipment delivered

59 boats have been delivered up to 1 July 1977. This represents one third of the total Samoan motorized fishing fleet. The total value of boats, engines and equipment is US\$ 129,147 (WS\$ 103,318). With the present production of the boatyard at Vaitele and the number of orders received, the project will probably achieve its target of 120 boats by mid-1978.

2. Repayments

Total repayment up to 1 July 1977 is US\$ 45,561 (WS\$ 36,449). Repayment is generally satisfactory, with only two per cent of the repayments behind schedule. This repayment record has only been possible through repossession of defaulted repayers. Of the 59 boats delivered four have been repossessed and given to new owners. Four owners have repaid boats within nine months of receiving them. Normal repayment period is 18 months, with US\$ 115 (WS\$ 92) paid per month. The repayments are made to a Revolving Fund in the Development Bank entitled 'FAO Village Fisheries Project'.

3. Training

The Fisheries Division organises a seven-day training course in Apia for the crew that takes over the new boat. So far 170 fishermen have been trained. The crew learn to operate and maintain the engine and to rig fishing gear. After final tests the boat goes to the village with one of the Fisheries Division instructors on board to carry out actual fishing training over one week.

4. Marketing

The Fish Market in Apia was due to start operations on 7 July. Considerable delays were experienced in its construction by the Public Works Department, which meant that the Fish Marketing Scheme had to be rescheduled by four months. The Fish Market has a 28 cu. m. freezer provided by the Government and two flake ice machines of 600kg/24 hour capacity, both financed by the Project. Ice will be carried to outlying districts in insulated boxes on board a truck financed by the Project and fish will be bought at set prices. The scheme will enable village fishermen to keep their fish on ice for three to four days and sell it to the Fish Truck that comes three times a week¹. On a pilot scale a fish marketing scheme has been operated since December in the Lefaga district. In spite of some early difficulties a total of 11 tons (24,000 lb) of fish has been brought to Apia over seven months. When the Fish Marketing Scheme starts it is estimated that an average of 1.5 tons of surplus fish will be brought to Apia per week.

* FAO/DANIDA Village Fisheries Development Project TF/WES 6/DEN - Field Report no. 2. Experts: O. Gulbrandsen, FAO Fisheries Adviser, and A. Overa, FAO Naval Architect. SPC gratefully acknowledges permission to reproduce this Report in the Newsletter.

1. See article on Fish Marketing Scheme, page 29.

5. Boatbuilding

The boatyard at Vaitele employs 16 men, mostly ex-leper patients, and production is now five boats per month. Preparations have started for construction of boats in aluminium and the building of the first 28ft aluminium catamaran was due to commence with the return of the FAO Naval Architect, A. Overa, from homeleave on 1 July. The boatyard at Vaitele is now being established as a Cooperative Enterprise.

The type, number and value of boats delivered up till 1 July 1977 are as follows:

Type of boats	Number built	Value of boats only US\$	Value including engine and equipment US\$
18 ft V-bottom	1	600	600
23 ft V-bottom	2	1,250	3,718
28 ft V-bottom	1	900	1,719
23 ft Outrigger (Vaaalo)	1	300	841
19 ft Catamaran (Alia)	1	625	1,525
28 ft Catamaran (Alia)	46	46,710	91,186
28 ft diesel boat	7	10,500	25,680
Others			3,878
Total	59	60,885	129,147

From the above list it can be seen that the 28 ft catamaran (Alia) powered by an outboard motor is by far the most popular boat. The boatyard has 20 more orders for this boat, while only one additional order for the 28 ft diesel-powered boat has been received. Although the diesel boat has lower running costs, the investment is twice as high as the catamaran and the speed is 8.5 knots vs. 11 knots for the catamaran, an important factor when trolling for tuna. Due to limitations in depth of water most of the village cannot operate diesel-powered boats.

One 28 ft catamaran has been delivered to a fisherman in Rarotonga, Cook Islands.

6. Supply of fuel

The supply of petrol mixed with oil at five per cent duty to fishermen has been of great importance to the fishermen using outboard motors.

7. Repair service

Repair of outboard engines carried out by the Fisheries Division workshops in Apia and Salelologa continues to be an important contribution to the project. During the first six months of 1977 an average of four outboard engines per day were repaired.

WORKING RELATIONS

The Chief Fisheries Officer A. Philipp has overall responsibility for the execution of the project. Under him the following staff are working directly with the Project:

Training: Ueta Faasili and Pale Taumaia - Fisheries Assistants.

Milo Paulo, Tuku Poutoa, and Ueli O'Brien - Leading Fishermen.

Boatbuilding: Tau Faraimo - Fisheries Assistant.

Loan repayments & petrol delivery: Fili Suafoa - Fisheries Assistant.

Engine repair: Ino Petersen - Mechanic, Apia workshop, with two Assistant Mechanics under him.

T. Kapeneta - Mechanic, Salelologa workshop.

FELLOWSHIPS

The project has given three months' training to a boatbuilder from Tonga and at present two boatbuilders from Yap in the US Trust Territory are undergoing a five-month training course at the boatyard.

EQUIPMENT

The following equipment and supplies have been ordered up to 1 July 1977.

<u>ITEM</u>	<u>APPROX. VALUE IN US\$</u>
120 outboard engines of 25 hp	66,300
2 outboard engines of 20 hp	2,300
1 outboard engine of 15 hp	400
1 outboard engine of 7,5 hp	400
68 outboard engines of 5 hp	15,900
14 Marine Diesel Engines of 20 hp	20,200
2 Toyota Landcruiser	11,800
1 Toyota Truck	9,000
4 Scotsman flake ice machines	13,300
2 7.5 kva generators	3,100
Boatyard construction	5,000
Boatbuilding materials and equipment	107,100
Boatbuilding labour	25,300
Tools	19,800
Spare parts	17,300
Fishing gear	40,300
Fish Market	4,000
Miscellaneous	7,300
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Approximate total as at 1 July 1977	US\$ 368,800

PROGRAMME OF WORK

1. Implementation of the Fish Marketing Scheme for Upolu.
2. Installation of an ice machine in Savaii.
3. Establishment of the boatyard as a cooperative enterprise and gradual transfer of all responsibility for ordering of boatbuilding materials.
4. Construction of prototype 28 ft catamaran in aluminium and gradual change-over to aluminium construction.

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