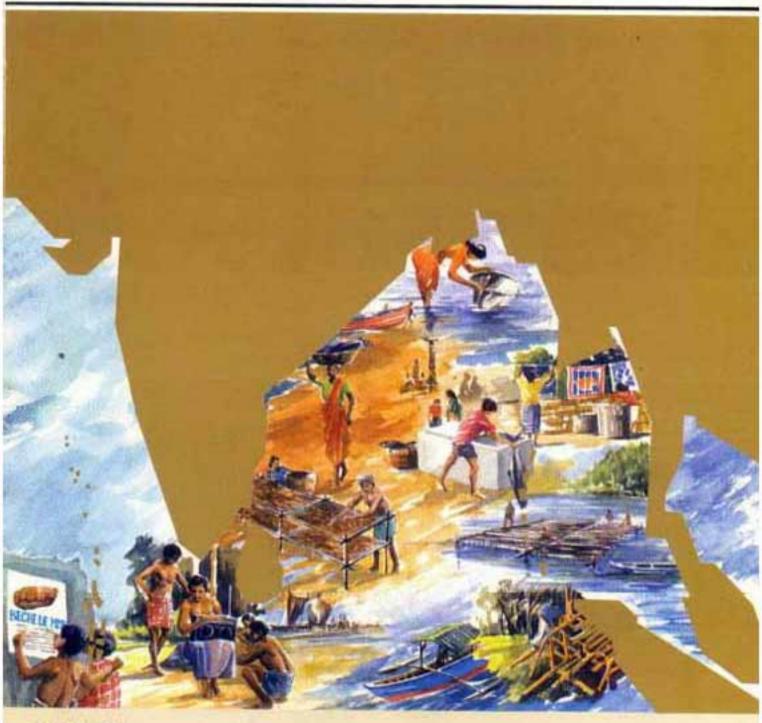
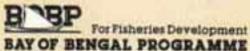


## Flyingfish Fishing on the **Coromandel Coast**





## BOBP/WP/84 GCP/RAS/1 18/MUL

## BAY OF BENGAL PROGRAMME Small-Scale Fisherfolk Communities

Fiyingfish Fishing on the Coromandel Coast, 1988-1991

by O Pajot Senior Fishing Technologist BOBP

and

C R Prabhakaradu Inspector of Fisheries, D.O.E. Govt. of Tamil Nadu, INDIA.

BAY OF BENGAL PROGRAMME Madras, India 1993 There are at least ten species of Flyingfish in the Bay of Bengal but they have not been intensively fished. In order to demonstrate new income-generating activities for small-scale fisherfolk, systematic fishing trials for Flyingfish were initiated by the Bay of Bengal Programme (BOBP) in connection with the demonstration of a beachlanding craft being conducted in Thirumullaivasal, Tamil Nadu, India. The trials, between 1989 and 1991, introduced gilinetting, with or without lures and combined gear arrangements for Flyingfish capture to the local fishermenevery year in the March-July Flyingfish seasons during this period.

In order to study the economic feasibility of continuing Flyingfish operations in the fishing villages of Tamil Nadu, a marketing survey was conducted in 1990 by the Bay of Bengal's Post-Harvest Fisheries Project, funded by the Overseas Development Administration (ODA), U.K.

This working paper details the trials and indicates that the daily earnings of the fishermen working on the beachianding craft in this fishery compared favourably with the average earnings of fishermen employed in other fisheries during the same period. The marketing study revealed that there is a market for the fresh varieties of Flyingfish as well as for the dried fish.

The Bay of Bengal Programme (BOBP) is a multi-agency regional fisheries programme which covers seven countries around the Bay of Bengal — Bangladesh, India, Indonesia, Malaysia, Maldives, Shri Lanka and Thailand. The Programme plays a catalytic and consultative role: it develops, demonstrates and promotes new techniques, technologies or ideas to help improve the conditions of small-scale fisherfolk communities in member-countries. The BOBP is sponsored by the governments of Denmark, Sweden and the United Kingdom, by member-governments in the Bay of Bengal region and also by AGFUND (Arab Gulf Fund for United Nations Development Organizations) and UNDP (United Nations Development Programme). The main executing agency is the FAO (Food and Agriculture Organization of the United Nations).

This document is a working paper and has not been cleared by the Governments concerned or the FAO.

January 1993

CO	CONTENTS	
1.	Introduction	
2.	Traditional Flyingfish fisheries	2
3.	Features of fishing trials	4
	3.1 Fishing gear	6
	3.2 Fishing operations	10
4.	Results	13
	4.1 Fishing effort	13
	4.2 The fishing gear	14
5.	Economic feasibility	15
Fig	gures	
	1. The FRP beachlanding craft IND-20 with Box Drive	iv
	2. Coastal area of Tamil Nadu showing operational base and	d fishing area 4
	3. Gillnet for large Flyingfish	7
	4. Gillnet for small Flyingfish	8
	5. Scoopnet for small Flyingfish	9
	6. Arrangement of fishing gear for combined flying fish fish	ing operations
AP	PPENDIX	
	I. Marketing of Flyingfish	19
Pul	Publications of Bay of Bengal Programme	

Fig. 1. The FRP beachianding craft IND-20 with box drive Sail 20 m² Sailing rudder Fishing gear Lee board hold Pivoting box well AFT storage Hatch for crew sheller hatch Fishing gear hold hatch ice box hatch I **PARTICULARS** Length overall LOA Beam moulded Depth moulded CU No Engine Sail 2.27 m 0.83 m x D 15.88 m<sup>3</sup> D LOA x B Diesel 9 hp Dipping lug 20 m <sup>2</sup>