PD-AAA-279-G1

AID 1030-25 (10-70)

REPORT U-446

PAGE 1

PROJECT APPRAISAL REPORT (PAR)

5120247 (11)

1. PROJECT NO.	2. PAR FOR PERIOD:	3. COUNTRY	4. PAR SERIAL NO.
512-15-180-247.4	2/72 TO 3/73	Brazil	73-13 4p

5. PROJECT TITLE

FISH PRODUCTION, PROCESSING, AND MARKETING

6. PROJECT DURATION: Began FY 66 Ends FY 74	7. DATE LATEST PROP	8. DATE LATEST PIP	9. DATE PRIOR PAR
	7/71		Feb. 1972

10. U.S. FUNDING	a. Cumulative Obligation Thru Prior FY: $ 720,000	b. Current FY Estimated Budget: $ 150,000	c. Estimated Budget to completion After Current FY: $

11. KEY ACTION AGENTS (Contractor, Participating Agency or Voluntary Agency)

a. NAME	b. CONTRACT, PASA OR VOL. AG. NO.
Auburn University	

I. NEW ACTIONS PROPOSED AND REQUESTED AS A RESULT OF THIS EVALUATION

A. ACTION (X) USAID	AID/W	HOST	B. LIST OF ACTIONS	C. PROPOSED ACTION COMPLETION DATE
x			Discuss with DNOCS possibility of providing advancement to participants after training, so trainees will have the necessary incentive.	Completed
		x	DNOCS workplans should be better defined and carried out.	Continuing
		x	DNOCS should nominate an extension specialist to work with the Auburn technician and an extension program be planned in time to be implemented before contract runs out.	Completed
x		x	Improve and strengthen cooperation with Univ. of Ceará new fisheries program.	Continuing
		x	Improve flow of resources from SUBIM to project through SUDENE.	6/30/73
x			Improve communications between USAID and contract personnel.	Continuing
x		x	Encourage DNOCS to make available participants on a more timely basis.	6/30/73
		x	DNOCS should seek closer relationships with SUDEPE. Such a relationship could provide additional sources of funding and technical assist.	6/30/73
x			Attempt to improve quality of English Language training being provided in Fortaleza by IBEU.	8/31/73
		x	Provide greater dissemination of proj. benefits.	9/30/73

D. REPLANNING REQUIRED REVISED OR NEW: ☐ PROP ☐ PIP ☐ PRO AG ☐ PIO/T ☐ PIO/C ☐ PIO/P

E. DATE OF MISSION REVIEW: June 13, 1973

PROJECT MANAGER: TYPED NAME, SIGNED INITIALS AND DATE: James Villalobos, ARDO

MISSION DIRECTOR: TYPED NAME, SIGNED INITIALS AND DATE: William A. Ellis, June 20, 1973

AID 1020-25 (10-70) PAGE 2 PAR	PROJECT NO. 512-15-180-247.8	PAR FOR PERIOD: FROM TO 2/72 to 3/73	COUNTRY Brazil	PAR SERIAL NO. 73-

II. PERFORMANCE OF KEY INPUTS AND ACTION AGENTS

A. INPUT OR ACTION AGENT — CONTRACTOR, PARTICIPATING AGENCY OR VOLUNTARY AGENCY	B. PERFORMANCE AGAINST PLAN — UNSATISFACTORY 1	2	SATISFACTORY 3	4	5	OUTSTANDING 6	7	C. IMPORTANCE FOR ACHIEVING PROJECT PURPOSE (X) — LOW 1	MEDIUM 2	3	4	HIGH 5
1. Auburn University					X							X
2.												
3.												

Comment on key factors determining rating

Although Auburn personnel have been technically well-qualified and have worked extremely well with DNOCS counterparts, they were not fully aware of their managerial responsibilities. This was only straigthened out late in the year due to administrative changes in USAID, i.e., transfer of project monitoring from Recife to Brasilia and change of project managers. Cooperation with the University of Ceará's new fisheries program should be strengthened.

The contractor has complied with the terms of the contract.

	1	2	3	4	5	6	7	1	2	3	4	5
4. PARTICIPANT TRAINING		X										X

Comment on key factors determining rating

Participants trained on short-term courses, through this project, have been well utilized. However, no long-term training accomplished to date due to manpower shortages within DNOCS; no DNOCS incentive upon return. DNOCS however is attempting to improve this situation by enabling prospective participants to attend language classes during work hours. Two MS candidates left for training in the U.S., subsequent to the period covered by this PAR.

	1	2	3	4	5	6	7	1	2	3	4	5
5. COMMODITIES					X							X

Comment on key factors determining rating

Commodities purchased under the project have been well selected and well utilized. In past, record keeping system was not vary efficient, however, this has been improved and new control cards established.

		1	2	3	4	5	6	7	1	2	3	4	5
6. COOPERATING COUNTRY	a. PERSONNEL				X								X
	b. OTHER		X										

Comment on key factors determining rating

Brazilian personnel connected with project are conscientious and competent, but are not sufficient in number. Local funds for project have not been released by SUDENE. Work plans were not properly defined. In the final months of the reporting period a Fisheries Department was officially established within DNOCS which should lead to better coordinated and defined plans, and should provide the project with a greater degree of support, financial and otherwise, on the part of DNOCS.

	1	2	3	4	5	6	7	1	2	3	4	5
7. OTHER DONORS												

(See Next Page for Comments on Other Donors)

II. 7. Continued: Comment on key factors determining rating of Other Donors

N.A.

III. KEY OUTPUT INDICATORS AND TARGETS

A. QUANTITATIVE INDICATORS FOR MAJOR OUTPUTS		TARGETS (Percentage/Rate/Amount) CUMULATIVE PRIOR FY	CURRENT FY TO DATE	CURRENT FY TO END	FY 74	FY ___	END OF PROJECT
Participant training (short-term) (* M.S. participants)	PLANNED	27	0	2			29
	ACTUAL PERFORMANCE	15	2*				
	REPLANNED			2*	8		25
Functional Laboratory Facilities	PLANNED	3	3	3	3	3	3
	ACTUAL PERFORMANCE	3	3				
	REPLANNED						
Amount increased production of DNOCS Fish Hatcheries (in percent) from based of 300,000 in 1965	PLANNED	75%	100%	100%	200%		200%
	ACTUAL PERFORMANCE	75%	100%				
	REPLANNED			100%	200%		225%
Fishculture on private farms (numbers). (This is not a stocking operation as the above indicator. It is an intensive fishculture which involves use of fertilizers & feed mixtures)	PLANNED	30	50	50			50
	ACTUAL PERFORMANCE	0	0				
	REPLANNED			1	9		10

B. QUALITATIVE INDICATORS FOR MAJOR OUTPUTS	COMMENT:
1. Brazilians improve management practices at reservoirs.	Management practices at the five largest reservoirs improved. Further management improvements are being obtained at the reservoirs by DNOCS itself.
2. Brazilians develop fishculture systems.	This activity target should be realized by 1974, assuming continued U.S. technical assistance. USAID is providing participant graduate training for DNOCS staff who will study fishculture production technology and research, and marketing at Auburn.
3. Brazilians conducting research and extension in handling and distribution of fish.	Brazilians are becoming more adept in fish technology research and development. DNOCS is conducting a fishculture extension program which began in early FY 1973.

AID 1020-28 (10-70) PAGE 4 PAR	PROJECT NO. 512-15-180-247.4	PAR FOR PERIOD: 2/72 to 3/73	COUNTRY Brazil	PAR SERIAL NO. 73-

IV. PROJECT PURPOSE

A. 1. Statement of purpose as currently envisaged. 2. Same as in PROP? [X] YES [ ] NO

(a) Establish within DNOCS the capacity to carry out research and (b) upgrade and expand fishculture production extension services for the purpose of promoting a profitable fresh fish industry in the Northeast.

B. 1. Conditions which will exist when above purpose is achieved.	2. Evidence to date of progress toward these conditions.
1. Self-sufficiency in planning and carrying out research development and extension activities.	1. Project plans, research reports and field observations verify DNOCS' progress toward self-sufficiency in developing fishculture production technology and in the management of fish resources in the Northeast. Complete self-sufficiency in these areas should be achieved by June 1974.
2. Operating systems of fishery technology, resource management and fishculture.	2. DNOCS will be extending new improved fishculture production technology and management know-how to other agencies.
3. GOB budget support at level to continue planned operations.	3. DNOCS budget, approved by Min. of Interior, SUDENE and through contracts with PIPMO (MEC), ANCAR, State Secretary of Agriculture, etc. will budget supplementary funds as needed for supporting the project.

V. PROGRAMMING GOAL

A. Statement of Programming Goal

Increase overall production of animal protein from fish through improvements of yields from Northeast public reservoirs, improvement of fish production and processing and marketing practices, and introduction of fishculture to farm ponds in the region.

B. Will the achievement of the project purpose make a significant contribution to the programming goal, given the magnitude of the national problem? Cite evidence.

If the project's purposes are achieved as planned, the GOB will have the capabilities for realizing the programming goal.