

UNITED STATES DEPARTMENT OF THE INTERIOR
FISH AND WILDLIFE SERVICE
BUREAU OF COMMERCIAL FISHERIES

OPERATING PROGRAM

Field Station or Office of Origin Woods Hole, Massachusetts	Region or Area Region 3, Gloucester, Massachusetts
Subactivity (Symbol and Title) 131 Coastal and Offshore Research	Program Title: Experimental Studies
	Program No. 131.37

PROGRAM COMPONENTS OF COST	Previous Program	This Action	Current Program
10. Personal Services (Detail on reverse side) - - - - -		14,434	14,434
21. Travel and Transportation of Persons - - - - -		200	200
22. Transportation of Things - - - - -			
23. Rent, Communications & Utility Services - - - - -			
24. Printing and Reproduction - - - - -			
25. Other Services - - - - -			
26. Supplies and Materials - - - - -		2,000	2,000
31. Equipment - - - - -		800	800
Other - - - - -			
Sub Total Program Direct Cost - - - - -		17,434	17,434
Program Indirect Cost - - - - -		800	800
TOTAL OPERATING PROGRAM		18,234	18,234

BREAKDOWN BY PROGRAM FEATURE

NUMBER	PROJECT	Previous Program	This Action	Current Program
4	Experimental Studies		17,434	17,434
	Sub Total Program Direct Cost - - - - -		17,434	17,434
	Program Indirect Cost - - - - -		800	800
	TOTAL OPERATING PROGRAM		18,234	18,234

ESTIMATE OF EXPENDITURES BY QUARTERS - F.Y. 19

Object Class	First	Second	Third	Fourth
Personal Services				
All Other Expenditures				
Total Operating Program				

Prepared By: Robert W. Graham Name Laboratory Director Title 7/19/63 Date

Approved By: Robert W. Graham Name Laboratory Director Title 7/19/63 Date

<u>Personnel (name)</u>	<u>Grade</u>	<u>Cost</u>
Cumming	GS 9	7,913
Lowday	7	6,521
Total personal services		14,434

**Briefing Statement
(In thousands of dollars)**

Region #3

Program with Increase

Coastal and Offshore Research
(Subactivity)

No.	Title	1965	Increase	1964	1963	1962
		\$ 55.0	3.0	52.0	45.0	50.1
131	Experimental Studies	PP 2	0	2	2	2

Increase:

Need: This modest increase is required to cover salary increases and special equipment for electrophoresis.

Additional positions: None.

Program:

Objective: To use blood characteristics for the determination of the discreteness of stocks of offshore groundfish.

Accomplishments FY 1963: A blood serum bank was established. Storage methods were developed. Techniques were developed which can be used to distinguish different groups of groundfish in the New England area.

Base of operations: Woods Hole, Massachusetts.