

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

U-1

OPERATING PROGRAM

Field Station or Office of Origin Woods Hole, Massachusetts	Region or Area Region 3, Gloucester, Massachusetts
Subjectivity (Symbol and Title) 431 Coastal and Offshore Research	Program Title: None Program No. 431,74

PROGRAM COMPONENTS OF COST	Previous Program	This Action	Current Program
10. Personal Services (Detail on reverse side) - - - - -		39,976	39,976
21. Travel and Transportation of Persons - - - - -		200	200
22. Transportation of Things - - - - -			
23. Rent, Communications & Utility Services - 100 - - - - -		6,000	6,000
24. Printing and Reproduction - - - - -			
25. Other Services - - - - -			
26. Supplies and Materials - - - - -		1,600	1,600
31. Equipment - - - - -		1,000	1,000
Other - - - - -			
Sub Total Program Direct Cost - - - - -		48,776	48,776
Program Indirect Cost - - - - -			
TOTAL OPERATING PROGRAM		48,776	48,776

BREAKDOWN BY PROGRAM FEATURE

NUMBER	PROJECT	Previous Program	This Action	Current Program
1	Age Banding		12,194	12,194
2	Demographics		36,582	36,582
	Sub Total Program Direct Cost - - - - -		48,776	48,776
	Program Indirect Cost - - - - -			
	TOTAL OPERATING PROGRAM		48,776	48,776

NOTED BY REGIONAL OFFICE

ESTIMATE OF EXPENDITURES BY QUARTERS - F.Y. 19

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

Prepared By: _____ Name _____ Date _____
 Approved By: **Robert W. Graham** Laboratory Director **7/19/63** Date _____

<u>Personnel (name)</u>	<u>Grade</u>	<u>Cost</u>
McCann	GS 11	8,540
Nichy	9	7,483
Handy	9	8,037
Thompson	4	5,181
Cory	3	5,120
Howell	4	4,685
Total personnel services		38,076

<u>Region #3</u>		Briefing Statement (In thousands of dollars)		<u>Coastal and Offshore Research</u> (Subactivity)		
No.	Title	Program Without Increase	1965	1964	1963	1962
		\$	50.0	50.0	47.0	45.0
431	Hake	PP	6	6	6	6

Program:

Work plan: To develop age reading techniques, establish growth rates and mortality rates of silver hake and delineate the seasonal migrations.

Objective: To obtain the biological information necessary for the management of the silver hake fishery.

Accomplishments FY 1963: Length-weight keys were completed. A growth rate was determined for the principal stock.

Base of operations: Woods Hole, Massachusetts.

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

Region #3

Program with Increase

Coastal and Offshore Research
(Subactivity)

No.	Title	1965	Increase	1964	1963	1962
		\$ 40.0	40.0	--	--	--
131	Hake	PP 0	0	0	0	0

Increase:

Need: This program has been supported by S-K funds, but an increase is needed to meet our commitments to the scientific committee of ICNAF. Silver Hake is being heavily fished by the Russians off Cape Cod, and a mesh regulation covering it is being considered. More biological information is needed.

Work plan: Research vessel surveys and an intensive collecting program in the areas of the fishery.

Objective: To provide the information essential to the management of the Silver Hake (Whiting) fishery in New England.

Additional positions: None.

Program:

Objective: To provide the biological information essential to the management of the Silver Hake (Whiting) fishery in New England.

Accomplishments FY 1963: Length-weight keys were completed. A growth rate was determined for the principle stocks.

Base of operations: Woods Hole, Massachusetts.