U-1

Form 2-102 (Rev. July 1963)

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

OPERATING PROGRAM

Field Station or Office of Origin	Region or Area	
Woods Hole, Massachusetts	Region 3, Gloucester, Massachusetts	
Subactivity (Symbol and Title)	**Program Title:**	**Program No.**
431 Coastal and Offshore Research	Sabs	431.74

PROGRAM COMPONENTS OF COST	Previous Program	This Action	Current Program
10. Personal Services (Detail on reverse side)		39,976	~~39,976~~ 40,000.
21. Travel and Transportation of Persons		200	200
22. Transportation of Things			
23. Rent, Communications & Utility Services		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~~ 48,800.
Program Indirect Cost			
TOTAL OPERATING PROGRAM		48,776	~~48,776~~ 48,800.

BREAKDOWN BY PROGRAM FEATURE

NUMBER	PROJECT	Previous Program	This Action	Current Program
A	Age Reading		12,194	~~12,194~~ 12,200.
B	Biostatistics		36,582	~~36,582~~ 36,600.
	Sub Total Program Direct Cost		48,776	~~48,776~~ 48,800.
	Program Indirect Cost			
	TOTAL OPERATING PROGRAM		48,776	~~48,776~~ 48,800.

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 [signature] Title Date

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

30579

Personnel (name)	Grade	Cost
McCann	GS 11	8,549
Nichy	9	7,483
Handy	9	8,037
Thompson	4	5,191
Cory	3	5,120
Newell	4	4,586
Total personal services		39,976

Region #3

Briefing Statement
(In thousands of dollars)

Program Without Increase

Coastal and Offshore Research
(Subactivity)

No.	Title		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.

Region #3

Briefing Statement
(In thousands of dollars)

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 committments 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.