SUMMARY CC ROL SCHEDULE

Investigation: WHOI Contract
Biological Laboratory: Woods Hole, Mass.

Project Title	Est.* Cost	Fiscal Years 57	58	59	60	61	62	63	64	65	66
WHOI Contract	760.0			80.0		180.0	100.0	100.0	100.0	100.0	100.0
Investigation Total	760.0			80.0		180.0	100.0	100.0	100.0	100.0	100.0

Annual Review		
Laboratory	Regional or Area Office	Washington Office

Date

Prepared by:

Recommended by: Date

Lab. Director Herbert W. Graham

Reg. or Area Dir. Joseph F. Pierce Jr.

Branch Chief * HHE 12-24-59

Approved by:

Division Chief for Director

*Total needed by Laboratory for Project in thousands of dollars.

* Under consideration no funds available for increase in 1961. May not be available for continuing contract.

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U. S. Fish and Wildlife Service
Bureau of Commercial Fisheries

Sheet No. 1

Location: Woods Hole, Mass.
Date: August 6, 1959
File No.

Research Project Outline

Title of Project: WHOI Contract

Investigation Title: Hydrography of the Gulf of Maine and contiguous waters.

Investigation Chief:

Project Leader:
Name Title Grade

Assistants: (Title and Grade)

Collaborators: WHOI (contract)

Need for Information:

Objective: Comprehensive descriptive and dynamic hydrographic studies of Gulf of Maine circulation, temperatures, and chemical properties.

Method of Procedure:

Phase 1: Cruises, as required, by contractor, for period of at least three years.
Analysis and synthesis of data (Basic data cruise reports to follow each cruise closely.)
Preparation of final report.

Phase 2:

Sheet No. 2 File No.:

Method of Procedure: (Cont'd)

Phase 3:

Estimated Costs: Total Needed by Laboratory for Complete Project 680.0

	FY 1959	FY 1960	FY 1961
Personal Services	---	---	---
Other Expenses:			
Within Project	---	---	180.0
	---	---	---
Lab. Adm. & Ser.	---	---	---
Lab. Total	---	---	180.0
Regional Office	---	---	---
Washington Office	---	---	---
Total	---	---	---

Recommended Source of Funds _____
(S-K, Regular, Contributed, etc.)

Estimated Date of Completion: Phase 1 FY 61 ; Phase 2 FY ; Phase 3 FY ; Project FY

Recommended by: Date

Originator _____

Investigation Chief _____

Laboratory Director Herbert W. Graham

Regional Director Joseph F. Pomeroy Chas AUG 21 1959

Branch Chief _____

Approved by:

Division Chief for Director _____

Remarks

(Continue on reverse side)

Decrease indicated in 1962 pending new FWS research vessel.
Original contract entered 6-16-55 for $200,000.00

Under consideration
no funds available for increase in 1961
may not be available for continuing contract.
HHG 12-24-59

#715 7/9/59