

## VESSEL OPERATIONS

Field operations of this Laboratory require the use of both government-owned and chartered vessels. The government-owned vessels should include a large offshore research vessel, a medium otter trawler, a small inshore dragger, and a collecting boat for the aquarium. Kinds and sizes of chartered vessels will depend upon the specific purpose for which they are to be used.

The offshore research vessel is required for large scale quarterly synoptic surveys of the fishery resource, its food supply, and the environment in which it lives. It is also used occasionally to collect data required to solve specific problems.

The medium otter trawler is required to collect data which is to be compared directly with the various commercial fisheries. A vessel of this type can be operated offshore in all but the most severe weather at a relatively reasonable cost.

The inshore dragger is required for work in the local area and on shoal grounds.

The collecting boat is required for collecting and transporting live fish to the aquarium.

Some investigations are best served by chartered vessels equipped with standard commercial gear and manned by fishermen skilled in its use. Investigations carried out at distant ports often require local knowledge for efficient operation. It is usually less expensive to use a local vessel than to have a government-owned vessel do a good deal of unprofitable traveling.

August 6, 1959



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: Vessel Operations

Investigation Title: \_\_\_\_\_

Investigation Chief: \_\_\_\_\_

Project Leader: \_\_\_\_\_

Name

Title

Grade

Assistants: (Title and Grade)

Collaborators:

Need for Information:

Objective: Operating expenses of offshore vessel, OTM, and inshore vessel.

Method of Procedure:

Phase 1:

Phase 2:

Method of Procedure: (Cont'd)

Phase 3:

Estimated Costs:	Total Needed by Laboratory for Complete Project		
	<u>FY 1959</u>	<u>FY 1960</u>	<u>FY 1961</u>
Personal Services	_____	_____	_____
Other Expenses:			
Within Project	_____	_____	_____
Lab. Adm. & Ser.	<u>124.0</u>	<u>110.0</u>	<u>120.0</u>
Lab. Total	<u>124.0</u>	<u>110.0</u>	<u>120.0</u>
Regional Office	_____	_____	_____
Washington Office	_____	_____	_____
Total	_____	_____	_____

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

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

Recommended by: \_\_\_\_\_ Date \_\_\_\_\_  
 Originator \_\_\_\_\_  
 Investigation Chief \_\_\_\_\_  
 Laboratory Director Herbert W. Graham  
 Regional Director \_\_\_\_\_  
 Branch Chief \_\_\_\_\_  
 Approved by: \_\_\_\_\_  
 Division Chief for Director \_\_\_\_\_

Remarks

(Continued on reverse side)