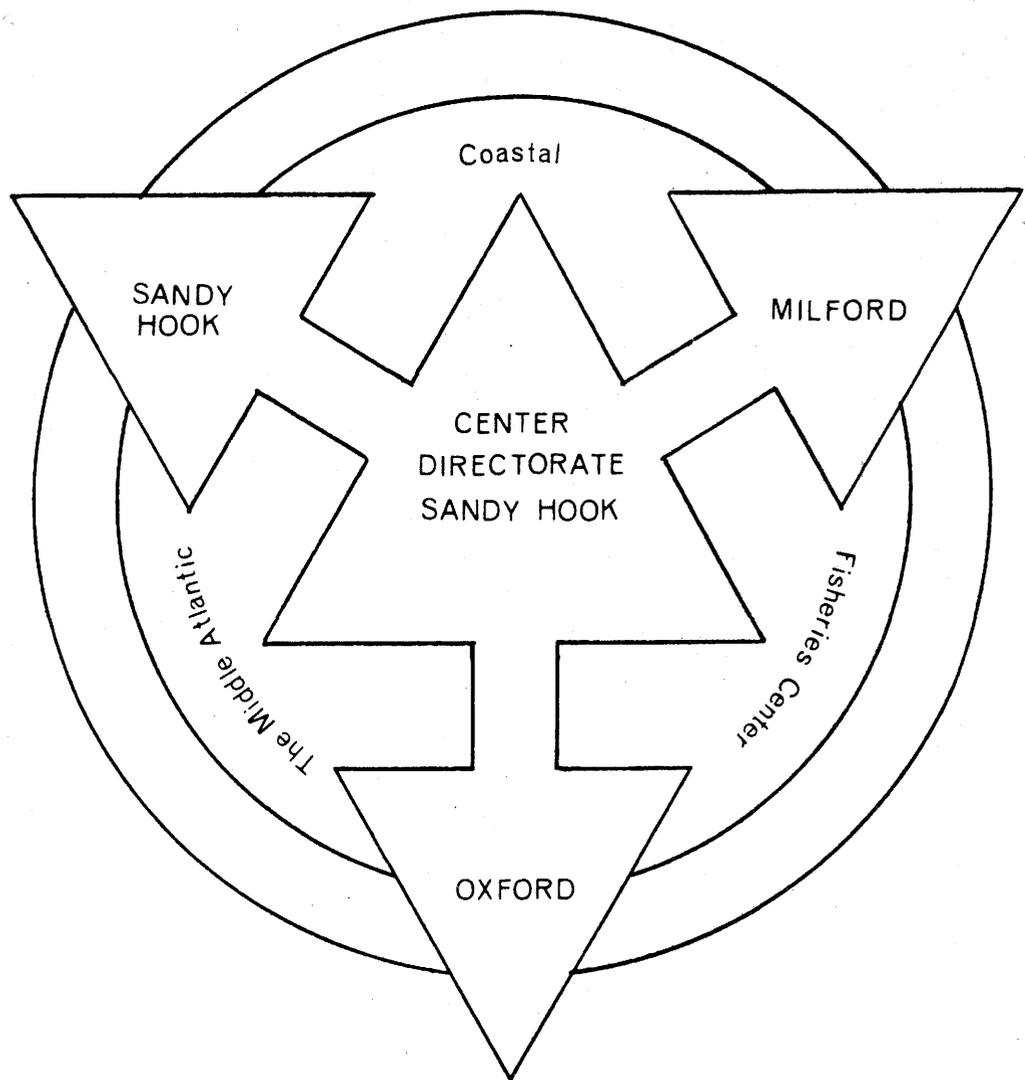


Pre-proposal -- Aquaculture and Diseases of Marine Fish
and Shellfish



U.S. DEPARTMENT OF COMMERCE
National Oceanic and Atmospheric Administration
National Marine Fisheries Service
Northeast Region

MIDDLE ATLANTIC COASTAL FISHERIES CENTER



Informal Report No. 101

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Aquaculture and Diseases of Marine Fish and Shellfish

Objective:

To conduct bibliographic and applied research on the diseases of intensively cultured marine fish and shellfish.

Plan of Action:

Bibliographic research will be conducted to assemble a complete and up-to-date compilation of the diseases of marine fish and shellfish amenable to aquaculture. Based on an identification and prioritization of disease related problems will be initiated on the infectious and neoplastic diseases of fish and shellfish.

End Product:

An initial product of the research will be a documentation of the diseases limiting the intensive culture of marine fish and shellfish. Applied research on the more significant diseases will improve the technical feasibility of aquaculture. Presently disease is an almost universal limiting factor in aquaculture of selected marine and shellfish.

Benefit:

The utility of the research is based on its ability to significantly improve methodologies for successful aquaculture of marine fish and shellfish.

Schedule:

The project will be conducted during a five-year period in which the following milestones will occur:

- Year 1 - Assemble bibliography on diseases of marine shellfish.
- Year 2 - Assemble bibliography on diseases of marine fish.
- Year 3 - Initiate disease research on a selected species of fish and shellfish.
- Year 5 - Publish results of studies.

Aquaculture and Diseases of Marine Fish and Shellfish

	<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>	<u>5th Year</u>
Personal Service	75	80	98	99	108
Contracts	60	60	75	75	75
Supplies	15	17	19	22	22
Equipment	45	20	20	45	20
Other (Printing,ADP)	15	15	20	20	20
Travel	<u>8</u>	<u>8</u>	<u>9</u>	<u>9</u>	<u>10</u>
	218	200	241	270	255

1st Year	5 People	\$218.0K
2nd Year	5 People	\$200.0K
3rd Year	6 People	\$241.0K
4th Year	6 People	\$270.0K
5th Year	6 People	\$255.0K