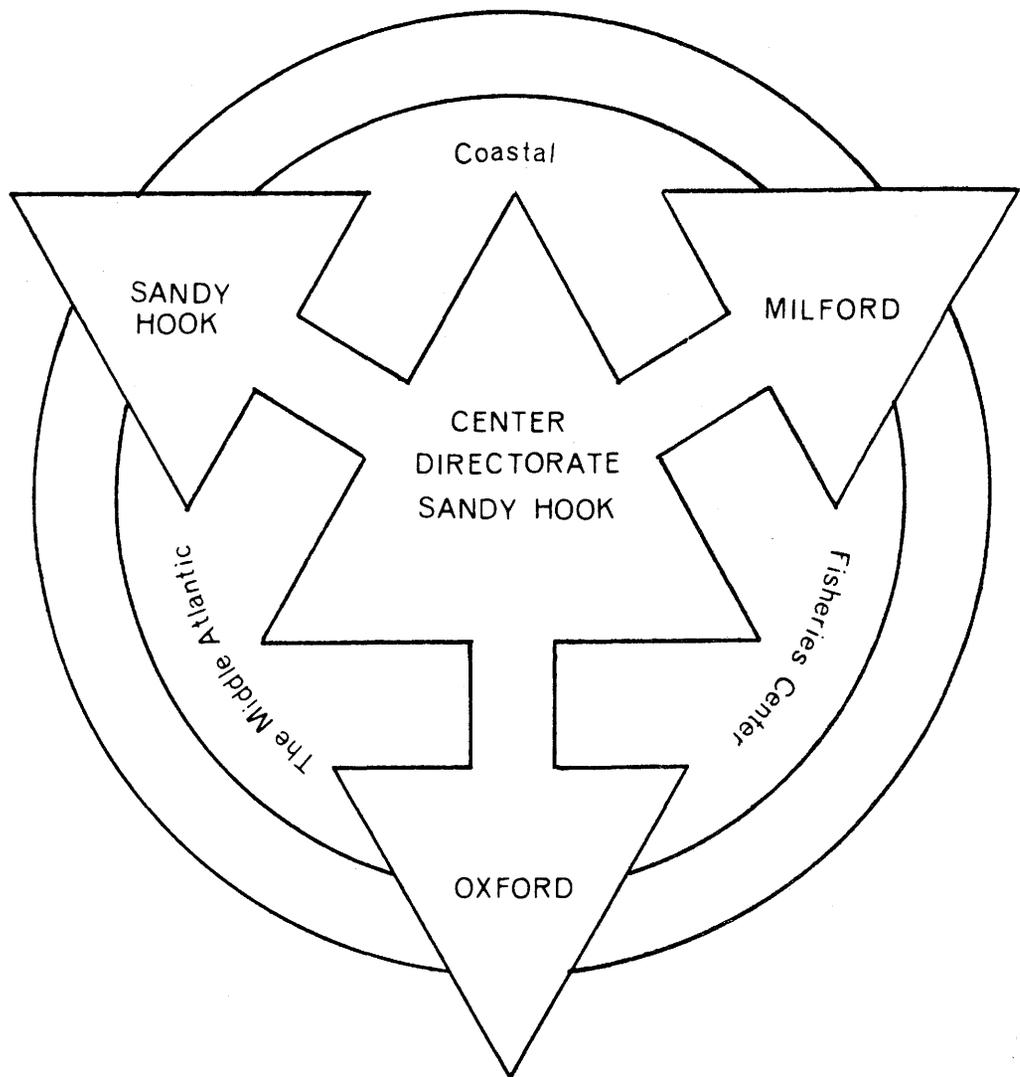


Pre-proposal -- Identification and Elimination of Potential
Pathogens in Seafood and Fishery Products



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

MIDDLE ATLANTIC COASTAL FISHERIES CENTER



Informal Report No. 103

March, 1976

Identification and Elimination of Potential Pathogens in Seafood and Fishery Products

Objective:

Cancers, viruses, and bacteria of human and presumed non-human origin have been found in fish and shellfish of the U.S. We know nothing of the range of infectivity of these diseases including their ability to infect man. We plan to safeguard the public health against potential pathogens in raw and processed marine fish and shellfish through programs of biological research, food technology and fishery management.

Plan of Action:

Like other highly perishable animal-derived foods, fish and fishery products can serve as active or passive vehicles for transmission of hazardous enteric diseases, including salmonellosis, vibriosis, staphylococcus, enteritis, botulism and hepatitis. Parasites and viruses other than hepatitis also pose potential hazards. It is proposed that a research group and laboratory be established within NMFS to assay the extent of hazard from infectious agents in fish and fishery products, to define and characterize such agents, and develop methods to prevent, eliminate, or abate these hazards and prolong shelf life.

End Product:

The end products will be certified safe, wholesome, dependable foods which consumers will accept with confidence and without hesitation.

Benefit:

A federally-guaranteed imprimatur of public health safety and quality will enhance value, consumer acceptance, and benefit both the public and the fisheries industry.

Schedule:

This proposal is for a continuing project with unpredictable milestones.

Identification and Elimination of Potential
Pathogens in Seafood and Fishery Products

	<u>1st Year</u>	<u>2nd Year</u>	<u>3rd Year</u>	<u>4th Year</u>	<u>5th Year</u>
Personal Service	115	116	130	143	145
Contracts	75	75	80	80	80
Supplies	40	45	45	45	50
Equipment (freezers, autoclaves, etc.)	110	60	50	50	50
Other	15	15	15	15	15
Travel	<u>10</u>	<u>10</u>	<u>12</u>	<u>12</u>	<u>12</u>
	365	321	332	345	352

1st Year	7 People	\$365.0K
2nd Year	7 People	\$321.0K
3rd Year	7 People	\$332.0K
4th Year	7 People	\$345.0K
5th Year	7 People	\$352.0K