

ANNUAL MEETING - JUNE 1968INTERIM REPORT ON CGC EVERGREEN-ICNAF
RESEARCH CRUISES, FY 1968

Prepared by Coastal Oceanography Section,
U.S. Coast Guard Oceanographic Unit,
Washington, D.C. (14 May 1968)

INTRODUCTION

This is an interim report on the oceanographic data collected by the U.S. Coast Guard Cutter EVERGREEN (WAGO 295) during three oceanographic surveys on the Northeastern U.S. Continental Shelf, between September 1967 and January 1968. These cruises were in support of a research program planned by the International Commission for the Northwest Atlantic Fisheries (ICNAF), and coordinated by the Bureau of Commercial Fisheries Biological Laboratory, Woods Hole, Massachusetts. The purpose of these surveys was to determine the vertical and horizontal distribution of temperature, salinity, dissolved oxygen, and chlorophyll in areas supporting an intensive commercial fishery. These environmental factors are considered to have important effects on the distribution of pelagic and demersal species of fish and invertebrates.

The cruise numbers, dates, and areas covered by these surveys were as follows:

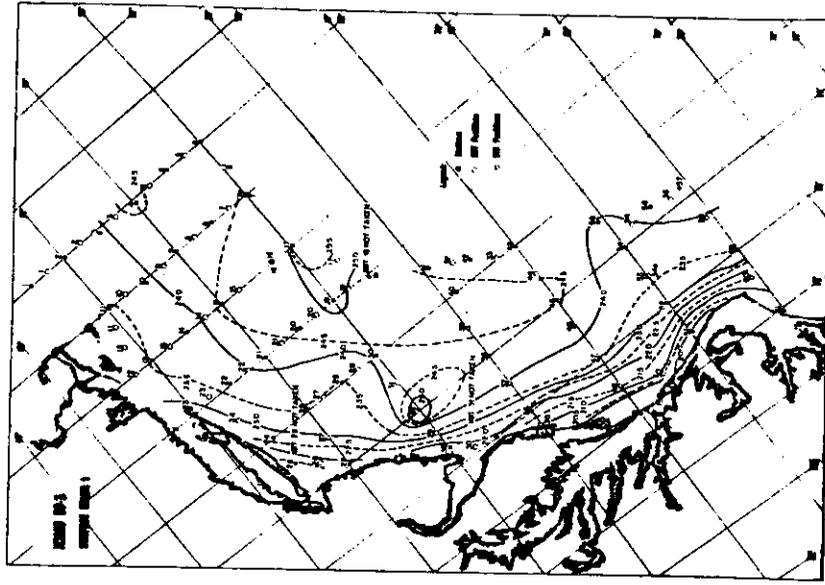
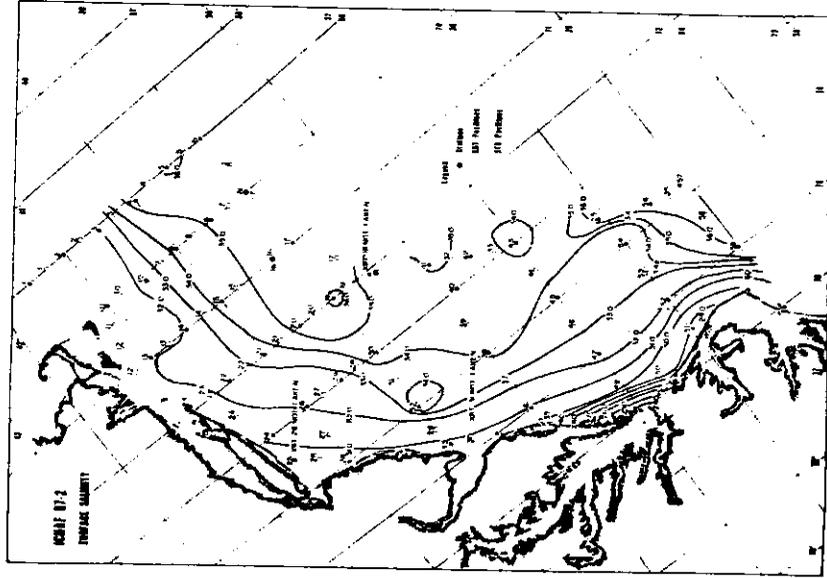
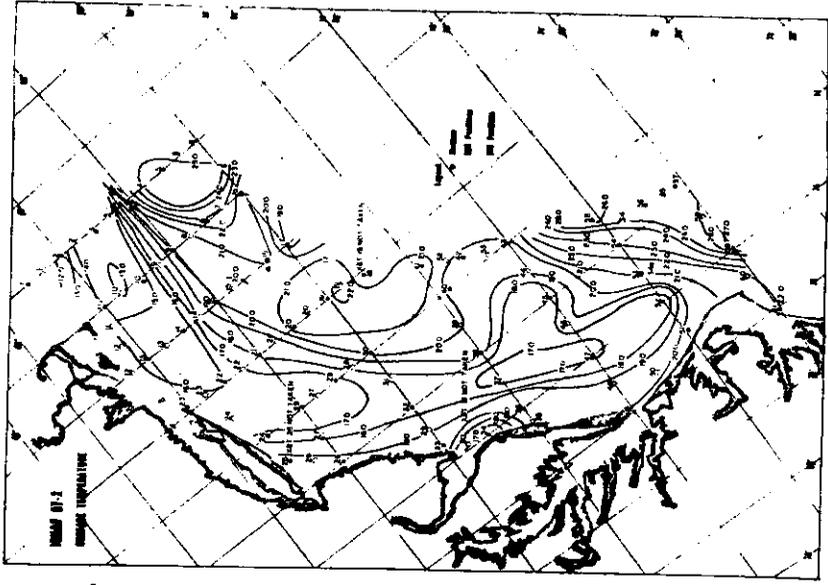
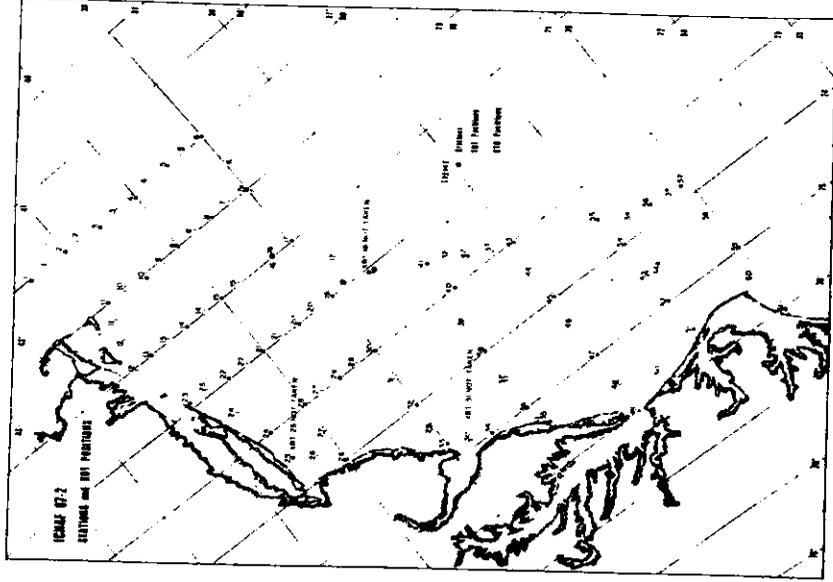
<u>Cruise Number</u>	<u>Date</u>	<u>Area</u>
EVERGREEN-ICNAF 67-2	18-29 Sept. 1967	Cape Cod to Cape Hatteras
EVERGREEN-ICNAF 67-3	11-23 Dec. 1967	Cape Cod to Cape Charles
EVERGREEN-ICNAF 68-1	15-26 Jan. 1968	Nova Scotia to Long Island

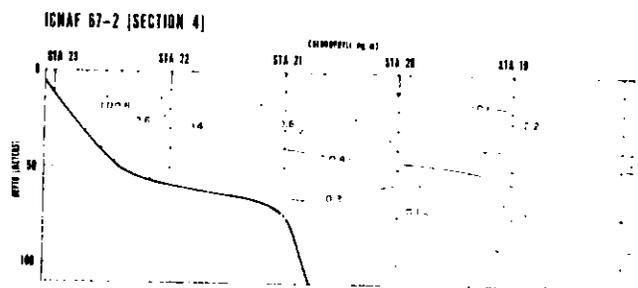
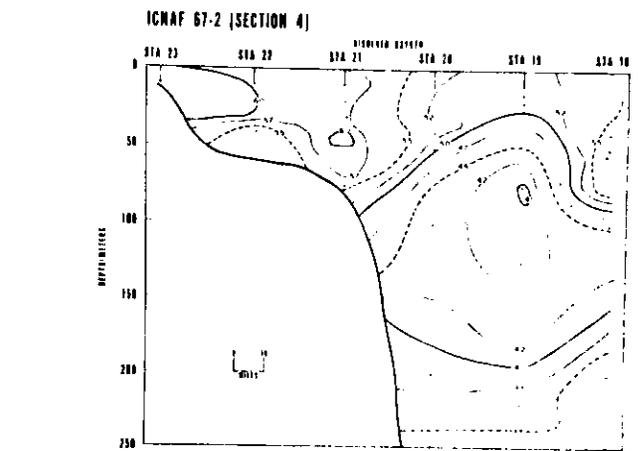
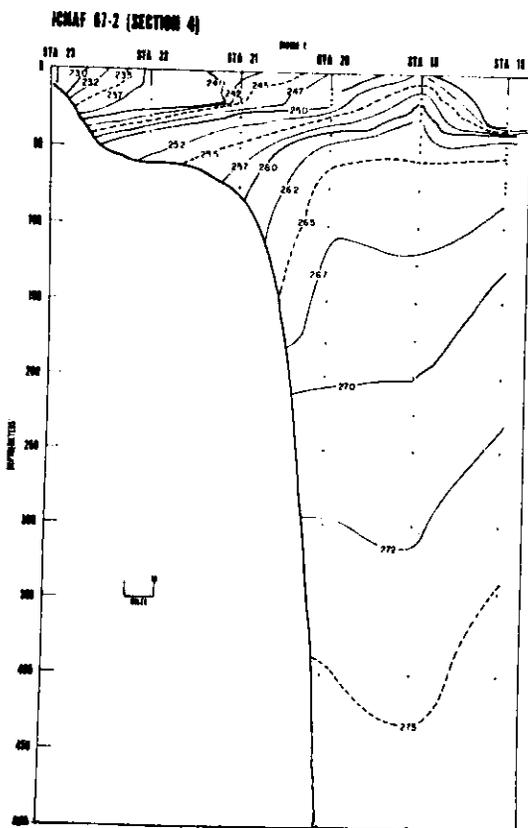
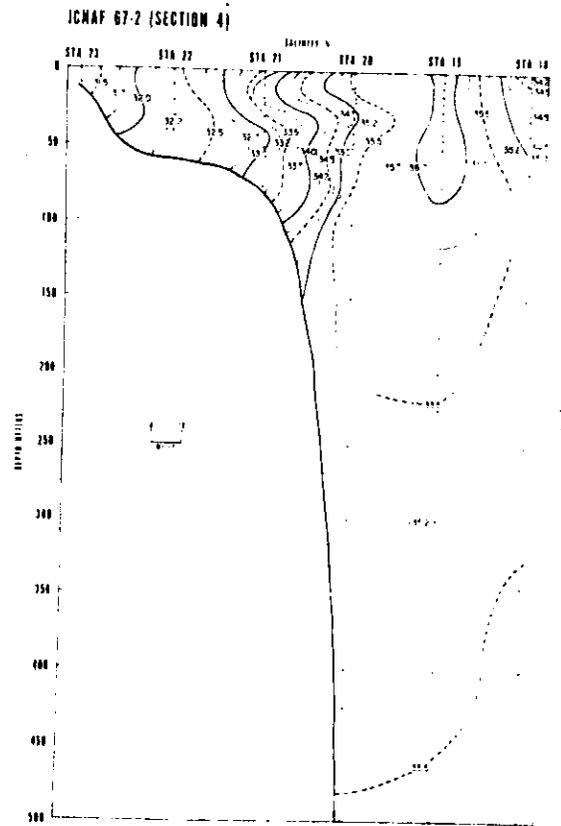
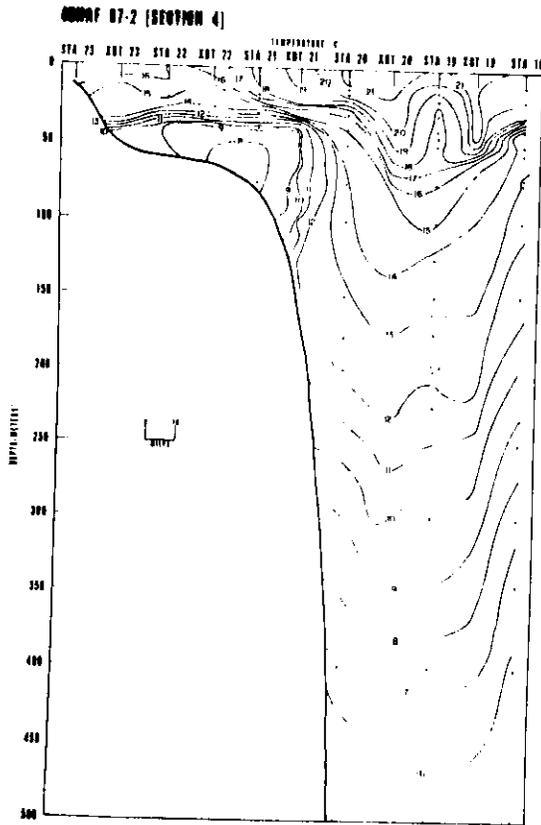
Charts

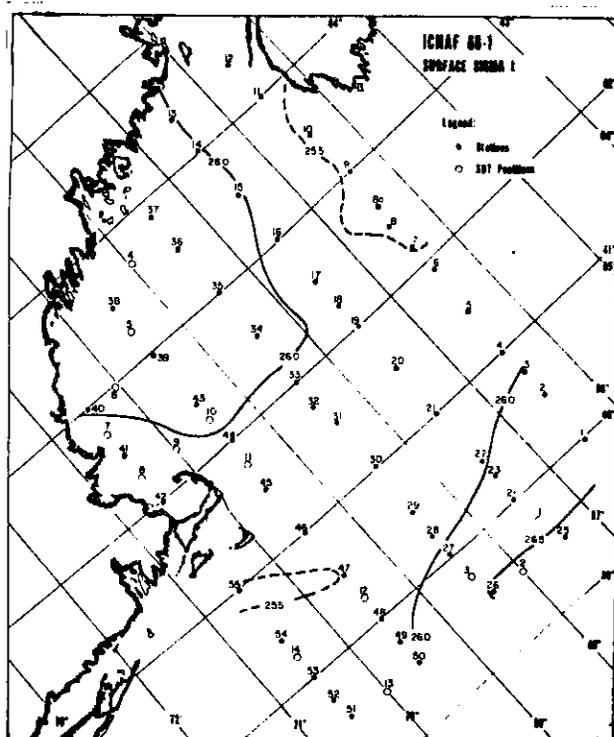
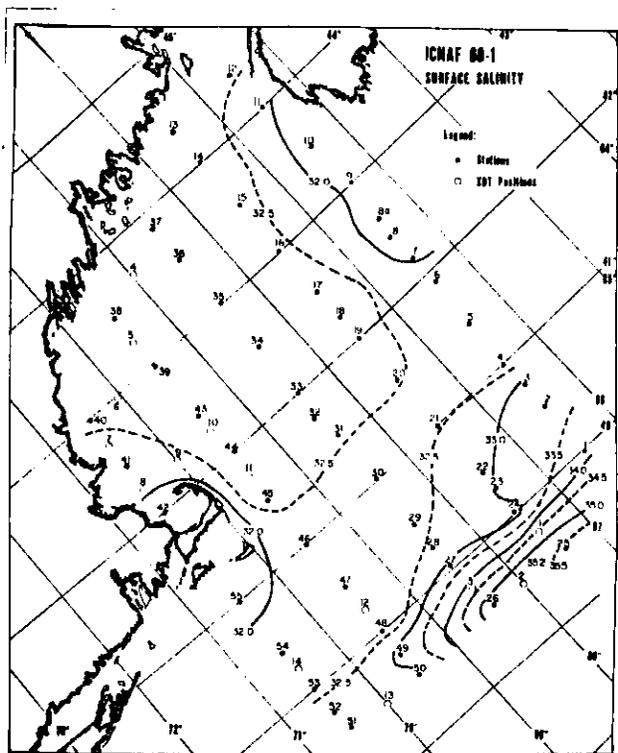
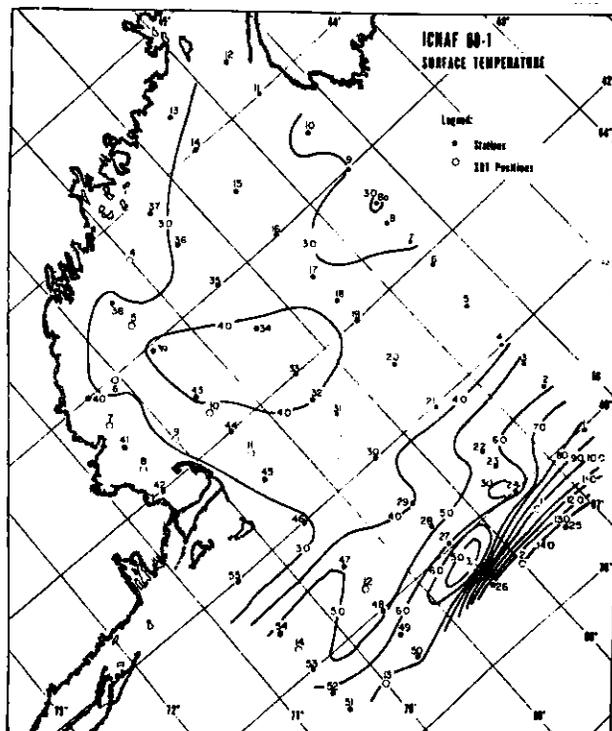
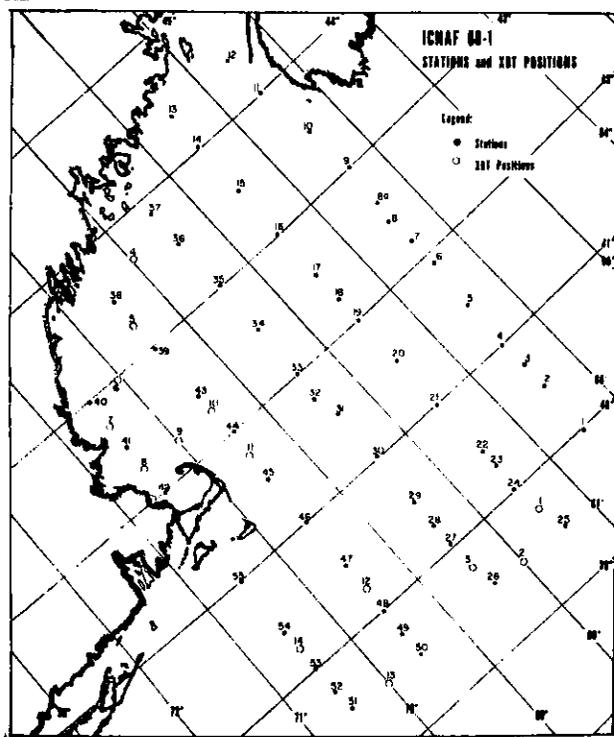
For each cruise there is presented a position chart for hydrographic and XBT positions, plus charts containing isoplots of surface temperatures, surface salinities, and surface densities (sigma-t's). In addition, plots of vertical profiles of temperature, salinity, density (sigma-t), dissolved oxygen, and chlorophyll for a representative station section from each cruise are presented.

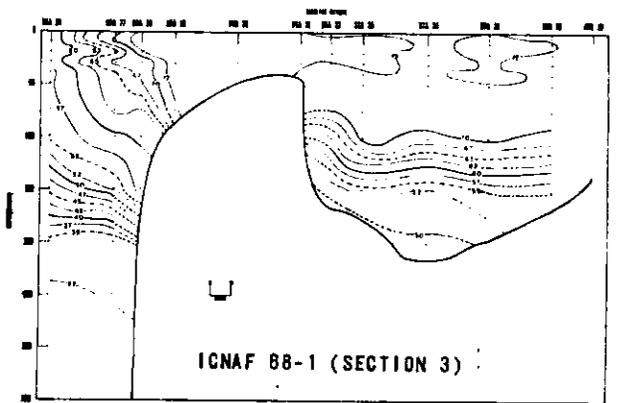
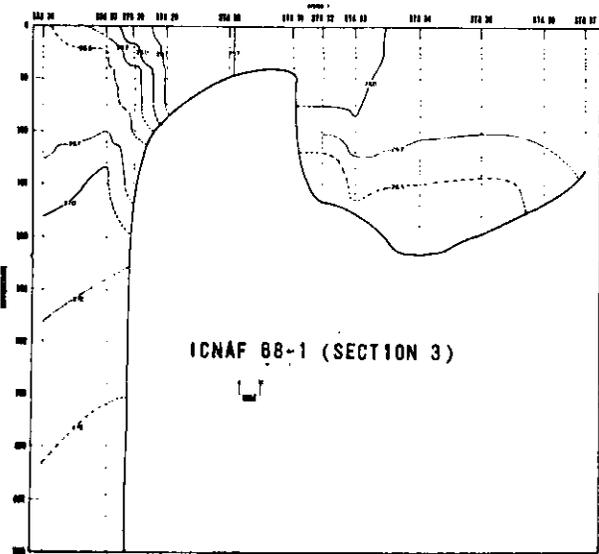
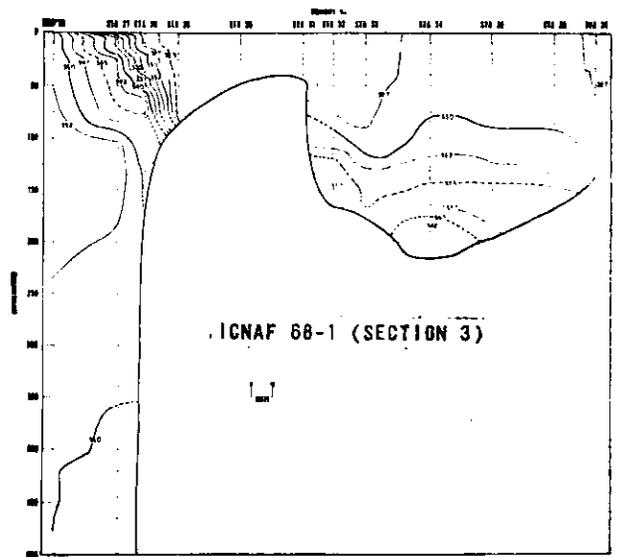
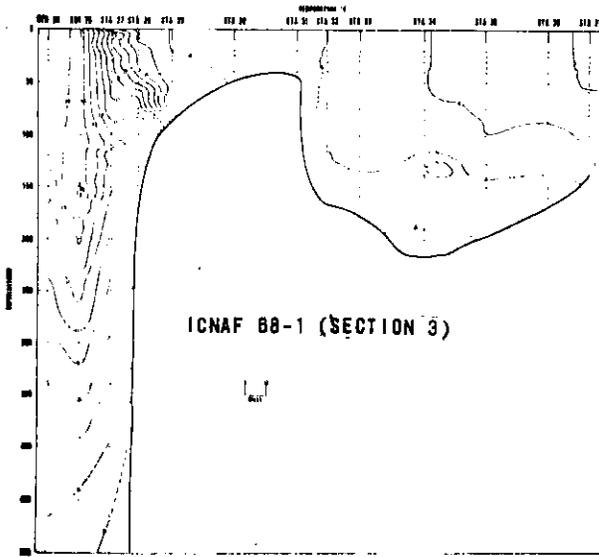
FINAL REPORTS

Complete reports on the data collected during these cruises will be published during FY 1969 by the Coast Guard Oceanographic Unit in collaboration with the Bureau of Commercial Fisheries Biological Laboratory, Woods Hole, Massachusetts as part of the U.S. Coast Guard Oceanographic Report Series CG 373. These reports will include tables of observed and interpolated oceanographic data, as well as the plots included in this interim report. In addition, plots showing vertical distribution of the oceanographic parameters for all station sections will be included.









ICNAF 88-1 (SECTION 3)

