

Charts were obtained from FWC PEARL, KHABAROVSK in the Soviet Union and EDMONTON Canada. Charts of existing ice conditions were received from the Canadian Icebreaker CAMSELL and Canadian Ice Recon aircraft when operating East of 140W.

2 Weather forecast. FLEWEACEN PEARL HARBOR furnished regular and accurate weather forecast from Seattle to Nome with FLEWEAFAC SUITLAND providing this service when operating north of Nome.

3 Ice forecasts. FLEWEAFAC SUITLAND provided weekly messages concerning existing ice conditions as well as highly accurate 15 to 30 day ice forecasts.

b. The following specific programs were carried out:

(1) University of Connecticut, Gravity measurements (continuous from Seattle to Seattle) Dr. Ed CHIBURIS.

(2) Smithsonian Institution, Surface Salinity Data (along track Seattle to Unimak Pass and return) MSTC ROMZEK.

(3) Phase I.

(a) "Joint USCG/USArmy training and medical assistance" to civilians in native villages along the Alaskan Coast, Bristol Bay to Norton Sound (LT KARLIN, U. S. Army, Alaska).

(b) Contingency Program - General survey of coastal zone and assessment of the villages visited, as well as local soil, sediment and water column samples. (Rob MCMAHON, Alaska Dept. of Environmental Conservation).

(4) Phase II.

(a) Systematic sampling of the water column for dissolved oxygen, salinity, temperature, depth data between Icy Cape and Point Barrow. (Mr. Larry Hannon, USCG Oceano Unit)

(b) Concurrent biological samples (phytoplankton) for University of Alaska (MSTC NOBLE, USCG Oceano Unit).

(c) Bird observation and collection of samples for the Smithsonian Institution. (MSTC NOBLE, USCG Oceano Unit)

(5) Phase III.

(a) Systematic coverage of the area between Pt. Barrow and 142W longitude for Gravity Anomaly survey. (Dr. Ed. Chiburis, UofConn).

(b) Phytoplankton sampling approximately duplicating the data collected on WEBSEC 73 (Stuart Grant, University of Alaska).