



have enlarged from portions of Icy Bay D-2 and Bering Glacier A-2 1:63,360 quadrangles and Icy Bay D-1 and Bering Glacier A-1 1:148,000 topographic compilations. Shorelines are adjusted and extended from NOAA Chart # 16761, scale 1:50,000, 4th edition, 1977, by overlaying air photos taken 7-30-78 and 9-23-81. Glaciers, contours on ice and land areas exposed since 1957 are sketch mapped and contoured. Considerable error in altitudes and position may exist. Control by NOAA and U.S.G.S. furnished at U.S. Geological Survey, Project Office - Glaciology, Tacoma, Washington.

EXPLANATION

- 24/ Soundings in feet.
- * Rock exposed at low tide, dangerous to navigation.
- + Submerged Reef, dangerous to navigation.
- Undifferentiated mud, sand, gravel or rock below high tide.
- Streams, including perennial.
- Glacier margins.
- Ice-free covered glacier ice.
- Anchorages used during survey.
- Triangulation Station, NOAA or U.S.G.S.

PRELIMINARY BATHYMETRY OF UPPER ICY BAY, ALASKA

SCALE 1:20,000

1 5 0 1 2 3 4 5
1 5 0 1 2 3 4 5
MILES KILOMETERS

CONTOUR INTERVAL 200 FEET
NATIONAL GEODETIC VERTICAL DATUM OF 1929
DEPTH CURVES AND SOUNDINGS IN FEET OR FATHOMS ARE MEAN LOWER LOW WATER
SHORELINE SHOWN REPRESENTS THE APPROXIMATE LINE OF MEAN HIGH WATER
THE MEAN RANGE OF TIDE IS APPROXIMATELY 10 FEET

By
Austin Post
1983

MAP NOT FOR USE IN NAVIGATION



Depth curves shown in water are approximate at 10, 50 and multiples of 100-foot intervals. Soundings are in feet, adjusted to approximate lower low water from NOAA predicted tides for 1979 day.

Bathymetric data were compiled from surveys made by the U.S.G.S. Research Vessel Grover August 11-15, 1961. Positions of soundings are approximately plotted from radar fixes recorded by polaroid camera.

The names Icy Bay, Grotto Glacier, Karta Stream, Kahsteen Hills, Lool Island, Chait Stream, Karta Stream, and Shore Party Point are unofficial.