1st Ed. - July 1985 KAPP 2853

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

UNITED STATES
ALASKA SOUTH COAST

COOK INLET

ANCHOR POINT TO KALGIN ISLAND

Mercator Projection
Scale 1:100,000 at Lat. 60°10'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO ELEVEN FATHOMS)
AT MEAN LOWER LOW WATER

For Symbols and Abbreviations see Chart No. 1

Additional information can be obtained at nauticalcharts.noaa.gov.

TIDAL INFORMATION

PLACE		Height, referred to datum of soundings (MLLW)		
NAME	(LAT-LONG)	Mean Higher High Water	Mean High Water	Mean Low Water
		feet	feet	feet
Nikishka, Cook Inlet	(60°04'N/151°42'W)	19.1	18.4	1.9

Dashes (- - -) located in datum columns indicate unavailable datum values for a tide station. Real-time water levels, tide predictions, and tidal current predictions are available on the Internet from http://tidesandcurrents.noaa.gov. (Apr 2015)

AUTHORITIES

Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the Corps of Engineers, Geological Survey, and U.S. Coast Guard.

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.

MINERAL DEVELOPMENT STRUCTURES

Obstruction lights and sound (fog) signals are required for fixed mineral development structures shown on this chart, subject to approval by the District Commander, U.S. Coast Guard (33 CFR 67).

CAUTION

Oil exploration and production operations are being conducted in the waters of Cook Inlet. Drilling vessels and movable and permanent platforms are being used. Only permanent platforms are charted. Mariners are urged to exercise caution when transiting the area.

COLREGS, 80.1705 (see note A)

International Regulations for Preventing Collisions at Sea, 1972.
The entire area of this chart falls seaward of the COLREGS Demarcation Line.

CAUTION

Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light List and the National Geospatial-Intelligence Agency Publication 117.
Radio direction-finder bearings to commercial broadcasting stations are subject to error and should be used with caution.
Station positions are shown thus:
(A)Accurate location) (e)Approximate location)

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Additions or revisions to Chapter 2 are published in the Notice to Mariners. Information concerning the regulations may be obtained at the Office of the Commander, 17th Coast Guard District in Juneau, Alaska, or the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

NOTE O

CAUTION

Cook Inlet, Eastern Portion
Numerous uncharted and dangerous submerged boulders exist in the eastern portion of Cook Inlet. Mariners should use extreme caution in this area.

CAUTION

SUBMARINE PIPELINES AND CABLES

Charted submarine pipelines and submarine cables are shown as:

Pipeline Area *Cable Area*

Additional uncharted submarine pipelines and submarine cables may exist within the area of this chart. Not all submarine pipelines and submarine cables are required to be buried, and those that were originally buried may have become exposed. Mariners should use extreme caution when operating vessels in depths of water comparable to their draft in areas where pipelines and cables may exist, and when anchoring, dragging, or trawling.
Covered wells may be marked by lighted or unlighted buoys.

HEIGHTS

Elevations of rocks, bridges, landmarks and lights are in feet and refer to Mean High Water. Contour and sunnek elevation values are in feet and refer to Mean Sea Level.

POLLUTION REPORTS

Report all spills of oil and hazardous substances to the National Response Center via 1-800-424-8802 (toll free), or to the nearest U.S. Coast Guard facility if telephone communication is impossible (33 CFR 153).

SUPPLEMENTAL INFORMATION

Consult U.S. Coast Pilot 9 for important supplemental information.

RADAR REFLECTORS

Radar reflectors have been placed on many floating aids to navigation. Individual radar reflector identification on these aids has been omitted from this chart.

HORIZONTAL DATUM

The horizontal reference datum of this chart is North American Datum of 1983 (NAD 83), which for charting purposes is considered equivalent to the World Geodetic System 1984 (WGS 84). Geographic positions referred to the North American Datum of 1927 must be corrected an average of 2.145" southward and 7.890" westward to agree with this chart.

WARNING

The prudent mariner will not rely solely on any single aid to navigation, particularly on floating aids. See U.S. Coast Guard Light List and U.S. Coast Pilot for details.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
The buoys in Cook Inlet are seasonally maintained from May 1 to Nov. 1. For details see U.S. Coast Guard Light List.

NOAA WEATHER RADIO BROADCASTS

The NOAA Weather Radio stations listed below provide continuous weather broadcasts. The reception range is typically 20 to 40 nautical miles from the antenna site, but can be as much as 100 nautical miles for stations at high elevations.

Birde Mt., AK	WNG-528	162.450 MHz
Raspberry I, AK	KZZ-90	162.425 MHz
Nikishka, AK	KZZ-91	162.550 MHz
Soldotna, AK	WWG-39	162.475 MHz
Homer, AK	WXJ-24	162.400 MHz

NOTE B

TUXEDNI BAY

The shifting of rocks and the possibility of uncharted rocks may exist in Tuxedni Bay. The mariner should use caution when navigating in this area.

NOTE C

This entire foreshore as far north as Seo Otter Point is foul with rocks. New rocks are continually falling from the slopes.

NOTE E

Large and localized waves within this area are considered an extreme hazard to small craft navigation.

CAUTION

The Cook Inlet area is affected by land uplift due to forces such as post-seismic crustal rebound. As a result, the tidal datums including mean lower low water, the datum of reference used for depth soundings, have changed throughout the area. Mariners are advised that charted depths may be 1½ fathoms or less on the chart were adjusted accordingly to account for this uplift. As the uplift rates can only be estimated and areas continue to rise, depths may be shoaler than charted. Mariners are urged to exercise caution.

NOTE X

Within the 12-nautical mile Territorial Sea, established by Presidential Proclamation, some Federal laws apply. The Three Nautical Mile Line, previously identified as the outer limit of the territorial sea, is retained as it continues to depict the jurisdictional limit of the other laws. The 9-nautical mile Natural Resource Boundary of the Gulf coast of Florida, Texas, and Puerto Rico, and the Three Nautical Mile Line elsewhere remain in most cases the inner limit of Federal fisheries jurisdiction and the outer limit of the jurisdiction of the states. The 24-nautical mile Contiguous Zone and the 200-nautical mile Exclusive Economic Zone were established by Presidential Proclamation. Unless fixed by treaty or the U.S. Supreme Court, these maritime limits are subject to modification.

SOURCE DIAGRAM

The outlined areas represent the limits of the most recent hydrographic survey information that has been evaluated for charting. Surveys have been banded in this diagram by date and type of survey. Channels maintained by the U.S. Army Corps of Engineers are periodically resurveyed and are not shown on this diagram. Refer to Chapter 1, United States Coast Pilot.

SOURCE		
A	1990-1999	full bottom coverage
B2	1970-1989	NOS Surveys partial bottom coverage
B3	1940-1969	NOS Surveys partial bottom coverage
B4	1900-1939	NOS Surveys partial bottom coverage

Chart 16662 Inset
Scale 1:50,000

Chart 16661 Inset
Scale 1:50,000

Chart 16645
Scale 1:82,660

Chart 16640
Scale 1:100,000

NINILCHIK HARBOR

Scale 1:5,000 at Lat. 60°03'

SOUNDINGS IN FEET
AT MEAN LOWER LOW WATER

Ninilchik Harbor
The entrance channel is 9 feet above MLLW; the project depth is 3 feet above MLLW in the boat basin. Consult the Corps of Engineers for controlling depths.
May 2017

CAUTION
Float anchored with eight mooring chains.

JOINS CHART 16662
JOINS CHART 16662
CONTINUED ON CHART 16640

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U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

CAUTION
This chart has been corrected from the Notice to Mariners (NM) published weekly by the National Geospatial-Intelligence Agency and the Local Notice to Mariners (LNM) issued periodically by each U.S. Coast Guard district to the dates shown in the lower left hand corner. Chart updates corrected from Notice to Mariners published after the dates shown in the lower left hand corner are available at nauticalcharts.noaa.gov

NOAA encourages users to submit inquiries, discrepancies or comments about this chart at http://www.nauticalcharts.noaa.gov/staff/contact.htm.

This is the Last Edition of this chart. It will be canceled on Nov 1, 2023

7th Ed., May 2019. Last Correction: 5/2/2023. Cleared through:
LNM: 4223(10/17/2023), NM: 4323 (10/28/2023), CHS: 0925 (9/29/2023)

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