16003

This nautical chart has been designed to promote safe navigation. The National Ocean Service encourages users to submit corrections, additions, or comments for improving this chart to the Chief, Marine Chart Division (N/CS3), National Ocean Service, NOAA, Silver Spring, Maryland 20910-3282.

★ 2002 ★ THE YEAR OF CLEAN WATER

SOUNDINGS IN FATHOMS

Nautical Chart Catalog No. 8, Panels M, N

Formerly C&GS 8400 1st Ed., Jan. 1911; C-1901-291 · KAPP 2408

EXCLUSIVE ECONOMIC ZONE

UNITED STATES - RUSSIA - CANADA

ALASKA

ARCTIC COAST

Mercator Projection
Scale 1:1,587,870 at Lat 70° 00'
North American Datum of 1983
(World Geodetic System 1984)

SOUNDINGS IN FATHOMS
AT MEAN LOWER LOW WATER IN U.S. TERRITORY
AT LOWEST NORMAL TIDES IN CANADIAN TERRITORY

For Symbols and Abbreviations see Chart No. 1

HORIZONTAL DATUM

The horizontal reference datum of the chart is North American Datum of 1983 (NAD 83) and is considered equivalent to World Geodetic System 1984 (WGS 84) for graphical plotting purposes. Positions referred to the North American Datum of 1927 do not require conversion to NAD 83 for plotting on this chart.

NOTE B

POSSIBLE PINNACLE ROCKS

A study by the Canadian authorities within the dashed outlined area indicates hazardous pinnacle-like features which may reduce the depths to as little as 30 percent of the charted depth. For example, where a depth of 18 fathoms is charted, a depth of 42 fathoms may be found. Mariners may provide little if any warning when approaching these features.

CAUTION

Mariners are advised that in the shallow waters of the Beaufort Sea, ice scour may be found in areas indicated by meteorological conditions. Strong offshore winds can produce water depths up to 0.8 meters (2.6 feet) less than those shown on this chart.

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.

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).

NOTE A

Navigation regulations are published in Chapter 2, U.S. Coast Pilot 9. Copies of regulations may also be 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 at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

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.

NOTE C

Radio navigational aids on the Russian Arctic coast and adjacent islands north of the Arctic Circle have been omitted due to the lack of reliable information.

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 Chief of Staff, Commander, U.S. Coast Guard (33 CFR 67).

NOTE D

Maritime boundary provisionally applied pending formal exchange of instruments of ratification.

According to Article 3 of the Agreement Between the United States of America and Russia on the Maritime Boundary, signed June 1, 1990:

"1. In any area east of the maritime boundary that lies within 200 nautical miles of the baseline from which the breadth of the territorial sea of Russia is measured but, beyond 200 nautical miles of the baselines from which the breadth of the territorial sea of the United States is measured ("western special area"), Russia agrees that henceforth the United States may exercise over sea-bed resources pertaining to jurisdiction and exclusive economic zone jurisdiction that Russia would otherwise be entitled to exercise under international law in the absence of the agreement of the Parties on the maritime boundary.

2. To the extent that either Party exercises the sovereign rights or jurisdiction provided for in paragraph 1 of this Article in the western special area, provided for in this Article, such exercise of sovereign rights or jurisdiction derives from the agreement of the Parties and does not constitute an extension of its exclusive economic zone. To this end, each Party shall take the necessary steps to ensure that any exercise on its part of the rights or jurisdiction in the special area in areas on its side of the maritime boundary shall be so characterized in its relevant laws, regulations, and charts."

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SUBSISTENCE WHALING IN THE BEAUFORT SEA

Mariners should be aware that Alaskan Natives engage in subsistence whaling in the Beaufort Sea from August 15 to October 31. Vessel operators are requested to contact the Alaska Eskimo Whaling Commission at (907) 852-2392, or arevcdir@barrow.com prior to entering this area for information about the location and avoidance of traditional Native hunting parties.

CAUTION

Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.
Aids to Navigation will be maintained seasonally from 1 July to 1 November.

RACON

Radar Transponder Beacons, or RACONS are maintained at the locations listed. Their frequencies (9332 to 9502 MHZ, and when activated will emit an international morse code character which will be visible on the radar screen that activated the RACON. The effective range of the RACONS will be from 3 to 27 miles.
The RACONS will be maintained seasonally from 1 July to 15 September.

HEIGHTS

Heights in feet above Mean High Water.

AUTHORITIES

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

AIDS TO NAVIGATION

Consult U.S. Coast Guard Light List for supplemental information concerning aids to navigation.
See Canadian List of Lights Buoys and Fog Signals for information not included in the U.S. Coast Guard Light List.

CAUTION

Only marine radiobeacons have been calibrated for surface use. Limitations on the use of certain other radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and National Imagery and Mapping 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.
(Approximate location)

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CONTINUED ON CHART 16006

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NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

CAUTION

This chart has been corrected from the Notice to Mariners published weekly by the National Imagery and Mapping Agency and the Local Notice to Mariners issued fortnightly by each U.S. Coast Guard district to the date shown in the lower left hand corner.

WARNING

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

FATHOMS / FEET / METERS

Arctic Coast of Alaska
SOUNDINGS IN FATHOMS - SCALE 1:1,587,870

16003

42 in

25in

NOAA REFERENCE No 16ACO16003

NSN 7643016011222