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

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.

Formerly C&GS 8834, 1st Ed., Feb. 1958 KAPP 2463

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

16343

159° 30′ 25′ 20′ 15′ 10′ 05′ CONTINUED ON CHART 16011 159° 55′ 50′ 45′ 40′ 35′ 158° 30′

SCALE 1:80,000
Nautical Miles
1 ½ 0 1 2 3 4 5 6 7
Yards
1000 0 2000 4000 6000 8000 10000

10′ 05′ 57° 55′ 56° 50′ 45′

CONTINUED ON CHART 16011

TERRITORIAL SEA (see note X)
CONTIGUOUS ZONE (see note X)
THREE NAUTICAL MILE LINE (see note X)

B R I S T O L B A Y

P O R T H E I D E N

VAR 13° 15′ E (2015)
ANNUAL DECREASE 16′
MAGNETIC

VAR 13° 00′ E (2015)
ANNUAL DECREASE 16′
MAGNETIC

Pilots

Strogonof Pt

Barabara Creek

Birthday Creek

Meshik River

Rainbow Creek

Port Heiden Airfield

AERO R Bn
371 ft

RADIO TOWER (SOUTHERLY OF TWO)

RADIO TOWER (CENTRAL OF FIVE)

CUPOLA
Meshik
(ranges)

W GABLE

Tundra
Tundra and Grass
Marsh
Grass
Mud Flats
Sand

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 off 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.

NOAA WEATHER RADIO BROADCASTS
The NOAA Weather Radio station listed below provides 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.

Tuklung Mt, AK	WNG-525	162.425 MHz

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

B3	1940 - 1969	NOS Surveys	partial bottom coverage
B4	1900 - 1939	NOS Surveys	partial bottom coverage

B3
B4
159°

SCALE 1:80,000
Nautical Miles
1 ½ 0 1 2 3 4 5 6 7
Yards
1000 0 2000 4000 6000 8000 10000

NOTE B
CAUTION
Mariners are warned that local knowledge should be used when navigating in this area due to the possible existence of submerged bars.

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 2.29″ southward and 7.47″ westward to agree with this chart.

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 at the Office of the District Engineer, Corps of Engineers in Anchorage, Alaska.
Refer to charted regulation section numbers.

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.

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).

UNITED STATES
ALASKA - WEST COAST

PORT HEIDEN

Mercator Projection
Scale 1:80,000 at Lat. 57°00′

North American Datum of 1983
(World Geodetic System 1984)

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

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

For Symbols and Abbreviations see Chart No.1

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	foot
Port Heiden, Bristol Bay, AK	(56°56′N/158°44′W)	12.3	11.1	2.6

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. (Mar 2015)

HEIGHTS
Heights in feet above Mean High Water.

AUTHORITIES
Hydrography and topography by the National Ocean Service, Coast Survey, with additional data from the U.S. Coast Guard.

CAUTION
Temporary changes or defects in aids to navigation are not indicated on this chart. See Local Notice to Mariners.

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

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

CAUTION
Limitations on the use of radio signals as aids to marine navigation can be found in the U.S. Coast Guard Light Lists and 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:
⊙(Accurate location) ⊙(Approximate location)

660.7 X 545.1mm

16343

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.

SOUNDINGS IN FATHOMS
(FATHOMS AND FEET TO 11 FATHOMS)

Published at Washington, D.C.
U.S. DEPARTMENT OF COMMERCE
NATIONAL OCEANIC AND ATMOSPHERIC ADMINISTRATION
NATIONAL OCEAN SERVICE
COAST SURVEY

FATHOMS 0 1 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17
FEET 0 6 12 18 24 30 36 42 48 54 60 66 72 78 84 90 96 102
METERS 0 2 3 4 5 6 7 8 9 10 11 12 13 14 15 16 17 18 19 20 21 22 23 24 25 26 27 28 29 30 31 32

Port Heiden
SOUNDINGS IN FATHOMS - SCALE 1:80,000

16343

9th Ed., Apr. 2015. Last Correction: 4/1/2015. Cleared through:
LNM: 4816 (11/29/2016), NM: 4916 (12/3/2016), CHS: 1116 (11/25/2016)

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