

## U.S. Department of Homeland Security **United States Coast Guard**

## LOCAL NOTICE TO MARINERS

**District: 17** 

Week: 41/22

-Navigation Information Service (NIS)-Watchstander, 24 hours a day at (703) 313-5900 ~Navcen Internet Address~ https://www.navcen.uscg.gov -Local Notice to Marinershttps://www.navcen.uscg.gov/-pageName=InmMain

Issued by: Commander (DPW) Telephone: (907) 463-2269 (0800-1600) Seventeenth Coast Guard District After Hours: (907) 463-2000 (1600-0800) PO Box 25517, Juneau, AK 99802-5517

Questions, comments, or additional information on this Local Notice to Mariners should be sent to the address above or by E-mail to: SMB-D17Juneau-LNM@uscg.mil. You can get the U.S. Coast Guard 17th District Local Notice to Mariners via the Internet directly from the U.S. Coast Guard Navigation Center web site at https://www.navcen.uscg.gov/-pageName=lnmDistrict&region=17.

> REFERENCES: Light List, Vol. VI, Pacific Coast and Pacific Islands (COMDTPUB P16502.6). U.S. Coast Pilot 8, Pacific Coast Alaska: Dixon Entrance to Cape Spencer, 44th Edition. U.S. Coast Pilot 9, Pacific and Arctic Coasts Alaska: Cape Spencer to Beaufort Sea, 39th Edition.

BROADCAST NOTICE TO MARINERS Navigation information previously promulgated by CG Sector Juneau Broadcast Notice to Mariners through J131-22 and CG Sector Anchorage Broadcast Notice to Mariners through A110-22 that are still in effect are included in this notice.

> Chart Corrections https://nauticalcharts.noaa.gov/charts/chart-updates.html

Dates of Latest Editions, Nautical Charts, and Miscellaneous Maps https://nauticalcharts.noaa.gov/charts/list-of-latest-editions.html

Light List/ Summary of Corrections https://www.navcen.uscg.gov/-pageName=lightListCorrections

NOAA Chart Viewer (Posting of all up to date NOAA charts for viewing on Internet browser to be used for ready reference or planning) https://nauticalcharts.noaa.gov/

> NOAA Booklet Charts https://nauticalcharts.noaa.gov/charts/noaa-raster-charts.html#booklet-charts

Coast Pilots, along with corrections, are available at: https://nauticalcharts.noaa.gov/publications/coast-pilot/index.html

NOAA Weather Buoy Sites http://www.ndbc.noaa.gov/

Tides online https://tidesandcurrents.noaa.gov/

Tides, Currents, PORTS https://tidesandcurrents.noaa.gov/noaacurrents/Stations-g=693

Weather

http://www.nws.noaa.gov/om/marine/alaska.htm

Vessel Traffic System Prince William Sound (VTSPWS) Users Manual https://homeportr.uscg.mil/Lists/Content/DispForm.aspx-ID=2205&Source=https:

#### ABBREVIATIONS

#### A through H

### I through O

#### P through Z

ADRIFT - Buoy Adrift AICW - Atlantic Intracoastal Waterway I - Interrupted ICW - Intracoastal Waterway PRIV - Private Aid Q - Quick Al - Alternating B - Buoy BKW - Breakwater bl - Blast BNM - Broadcast Notice to Mariner bu - Blue C - Canadian CHAN - Channel CGD - Coast Guard District C/O - Cut Off CONT - Contour CRK - Creek CONST - Construction DAYMK/Daymk - Daymark DBN/Dbn - Daybeacon DBD/DAYBD - Dayboard DEFAC - Defaced DEST - Destroyed DISCON - Discontinued DMGD/DAMGD - Damaged ec - eclipse EST - Established Aid ev - every EVAL - Evaluation EXT - Extinguished F - Fixed fl - flash FI - Flashing G - Green GIWW - Gulf Intracoastal Waterway HAZ - Hazard to Navigation HBR - Harbor HOR - Horizontal Clearance HT - Height

IMCH - Improper Characteristic INL - Inlet **INOP** - Not Operating INT - Intensity ISL - Islet Iso - Isophase kHz - Kilohertz LAT - Latitude LB - Lighted Buov LBB - Lighted Bell Buoy LHB - Lighted Horn Buoy LGB - Lighted Gong Buoy LONG - Longitude LNM - Local Notice to Mariners LT - Light LT CONT - Light Continuous LTR - Letter LWB - Lighted Whistle Buoy LWP - Left Watching Properly MHz - Megahertz MISS/MSNG - Missing Mo - Morse Code MRASS - Marine Radio Activated Sound Signal MSLD - Misleading N/C - Not Charted NGA - National Geospatial-Intelligence Agency NO/NUM - Number NOS - National Ocean Service NW - Notice Writer **OBSCU** - Obscured **OBST** - Obstruction **OBSTR** - Obstruction Oc - Occulting ODAS - Anchored Oceanographic Data Buoy

R - Red RACON - Radar Transponder Beacon Ra ref - Radar reflector RBN - Radio Beacon **REBUILT - Aid Rebuilt RECOVERED** - Aid Recovered RED - Red Buoy REFL - Reflective RRL - Range Rear Light **RELIGHTED - Aid Relit RELOC - Relocated** RESET ON STATION - Aid Reset on Station RFL - Range Front Light RIV - River RRASS - Remote Radio Activated Sound Signal s - seconds SEC - Section SHL - Shoaling si - silent SIG - Signal SND - Sound SPM - Single Point Mooring Buoy SS - Sound Signal STA - Station STRUCT - Structure St M - Statute Mile TEMP - Temporary Aid Change TMK - Topmark TRLB - Temporarily Replaced by Lighted Buoy TRLT - Temporarily Replaced by Light TRUB - Temporarily Replaced by Unlighted Buoy USACE - Army Corps of Engineers W - White Y - Yellow

Additional Abbreviations Specific to this LNM Edition: None

## **SECTION I - SPECIAL NOTICES**

This section contains information of special concern to the Mariner.

#### 329 ALASKA

The Coast Guard's VHF-FM Remote Fixed Facility (RFF) reception capabilities on the following site is degraded and calls on VHF-FM Channel 16 may not be received by the responsible Coast Guard Sector Communication Center within the stated coverage area:

CAPE GULL – Northwest Afognak Island, Cape Douglas, and Shelikof Strait to Cape Uyak.

MIDDLE CAPE - Southwestern Kodiak and the Southwestern portion of Shelikof Strait from Cape Igvak to Cape Kuliak.

CAPE FANSHAW - Southern Stephens Passage and Frederick Sound.

GRAVINA - Clarence Strait, Western Behm Canal, and Nichols Passage.

ZAREMBO ISLAND – Sumner Strait, Northern Clarence Strait, Stikine Strait, and Snow Passage.

MOUNT MCARTHUR - Cape Decision, Southern Sumner Strait, Cape Ommaney, and the vicinity of Coronation Island.

If unable to reach the Coast Guard on VHF-FM Channel 16, mariners that are equipped with capable radios can contact the Coast Guard through Communications Detachment Kodiak via high frequency (HF) 4125Khz. Mariners can also contact the Coast Guard via cellular or satellite phone by calling JRCC Juneau at 907-463-2000, Sector Juneau Command Center at (907) 463-2980 or Sector Anchorage Command Center at (907) 428-4100. Mariners are reminded that Western and Northern Alaskan have no VHF-FM coverage. Contact in areas without VHF/FM coverage to the Coast Guard is via Communications Detachment Kodiak on HF or JRCC Juneau by phone. Mariners are requested to relay any unanswered calls for assistance to the Coast Guard.

#### 330 ALASKA Transmit and receive services for Kodiak (NOJ), Nome, Cold Bay, St. Paul, Shemya, Point Higgins/Ketchikan will be degraded from October 7th-

# to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

331 ALASKA - SOUTHEAST - GASTINEAU CHANNEL - MENDEHNALL BAR

The Coast Guard has decommissioned the Mendenhall Bar Buoys for the 2022 season. This includes Mendenhall Bar Channel B 7A (LLNR 23733) through Mendenhall Bar B 13A (23735.8). These buoys will be commissioned prior to April 1st, 2023 for the 2023 season. Questions/concerns

22nd, 2022, due to sun-related service interuptions. Mariners unable to contact the Coast Guard through these sites can call the Sector Anchorage Command Center at 907-428-4100 or the Sector Juneau Command Center at 907-463-2980. Questions/concerns should be directed

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## 332 ALASKA – SOUTHEAST – NICHOLS PASSAGE – PORT CHESTER

## green light flashing every 2.5 seconds (FI G 2.5s) and has been established in position 55°08'31.606"/N, 131°33'57.348"/W. Chart and Light List corrections will be issued once the verification process has been completed. Questions/concerns should be directed to Todd Buck with the Coast

#### 337 ALASKA The Alaska Marine Safety Education Association (AMSEA) will be offering AMSEA Marine Safety Instructor Training and AMSEA Drill Conductor

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# ALASKA – SOUTHCENTRAL – PRINCE WILLIAM SOUND – BARRY ARM

Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

# feet. This will consist of installing a 4" HDPE pipe from the beach in approximate position 53°53'5.72"N, 166°32'56.40"W to approximate position 53°54'07.43"N, 168°33'56.03"W. The construction will consist of 500' to 1,000' sections of pipe being towed into place and sunk to the seafloor and secured in place with concrete weights by the M/V NUNA. The project is scheduled to begin October 20th and continue through November 20th, 2022 and work will be conducted daily from 0600-1800. The M/V NUNA will be monitoring VHF/FM channel 16. Mariners are requested to

ALASKA - SOUTHWESTERN - BERING SEA, ALEUTIAN ISLANDS, PACIFIC OCEAN

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20th, 2022 and work will be conducted daily from 0600-1800. The M/V NUNA will be monitoring VHF/FM channel 16. Mariners are requested to transit on the west side of Hog Island and minimize their wake in the project area when work is in progress. Questions/concerns should be directed to Tyler Zimmerman at 907-359-3596 or by email to tyler@tzengineering.com.

Bering Select Seafoods, LLC located at 365 East Point Road in Dutch Harbor will be extending their outfall discharge pipe approximately 6.000

\*\*\*\*CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS\*\*\*\* The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChartTM PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer.

Six months notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." A comprehensive list of all canceled NOAA charts is available at: http://www.charts.noaa.gov/MCD/Dole.shtml.

Traditional paper nautical chart production is ending to enable the creation and maintenance of larger scale, more up-to-date, higher quality coverage of NOAA's electronic navigational chart (NOAA ENC®) product. This will significantly enhance the amount of charted detail available to mariners. More information about NOAA's program to sunset traditional paper charts is on the NOAA Coast Survey website at: https://www.nauticalcharts.noaa.gov/charts/farwell-to-traditional-nautical-charts.html.

An online NOAA Custom Chart application at: https://devgis.charttools.noaa.gov/pod is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

**SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS** The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specificat

Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics.

SAILDRONE, INC. is conducting bathymetric research surveys along the western Aleutian Island coastline in the Bering Sea, Aleutian Basin, and northern Pacific Ocean from August 1st and continuing through October 15th, 2022. The survey will be conducted by one Uncrewed Surface Vehicle (USVs), called "SAILDRONE SURVEYOR", which is 22 meters in length, 14 meters tall, orange in color with a tricolor, running lights, stern

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# should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

The Coast Guard has replaced Scrub Island LT 7 (LLNR 22105) with Scrub Island LB 7 (LLNR 22105). Scrub Island LB 7 is a green buoy with a

The State of Alaska is issuing routine updates on the Barry Arm Landslide Tsunami risk. This threat is located in Barry Arm, Northwestern Prince William Sound, and has the potential to create a tsunami when it falls into the water. It is uncertain if and when this might occur, but if it occurs

maintain vigilance when in the vicinity of Barry Arm or nearby waters and be prepared to depart the area if any unusual geologic activity is observed. Studies are being conducted and the situation is being monitored to allow for a better understanding of the potential results of a slide.

Additional information is available at the following website: https://dggs.alaska.gov/hazards/barry-arm-landslide.html.

## Courses in various locations within Alaska. The specific locations, dates, and course information can be found in an enclosure to this LNM. For more information contact AMSEA at (907) 747-3287 or view their website at www.amsea.org.

localized wave heights will be very hazardous in Barry Arm and Harriman Fjord. Port Wells and Passage Canal will also see inundation and strong, unusual currents for hours following this event. The geologic makeup of the area is similar to Alaskan locations where two previous landslide caused tsunamis occurred, in Lituya Bay (1958) and Icy Bay (2015), both causing extremely large but localized tsunamis. Mariners should

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#### 346 ALASKA - SOUTHCENTRAL - COOK INLET - PORT OF ANCHORAGE

## ALASKA - SOUTHEAST - TONGASS NARROWS 352

#### ALASKA - SOUTHEAST - NECKER ISLANDS - HOT SPRINGS BAY 360

#### 372 ALASKA - SOUTHEAST - DUNCAN CANAL - BUTTERWORTH ISLAND

## ALASKA - SOUTHCENTRAL - ALEUTIAN PENINSULA

## Additional information including a chartlet and photos of the vessels is included in an enclosure to this LNM. Questions/concerns should be directed to Alaska Maritime Agencies at 907-562-8808 or by email to ancops@alaskamaritime.com. ALASKA - SOUTHCENTAL - COOK INLET NAVIGATION CHANNEL

The U.S. Army Corps of Engineers (USACE), Alaska District conducted a project condition survey for Cook Inlet Navigation Channel on May 13th, 2022 in which the following controlling depths in feet (FT) mean lower low water (MLLW) were recorded: Left Outside Quarter 61°12'30.93"N, 150°03'53.57"W, -41.1 FT MLLW

blue with a white superstructure. The M/V IT INTEGRITY is 236 feet in length, blue hull with a white superstructure. Both vessels will be monitoring VHF/FM channel 16. Mariners are requested to maintain a 1,000 meter CPA when cable laying operations are being conducted.

Left Inside Quarter 61°11'42.60"N, 150°06'46.85"W, -42.7 FT MLLW

Right Inside Quarter 61°11'41.18"N, 150°06'44.88"W, -44.0 FT MLLW

Right Outside Quarter 61°11'59.68"N, 150°05'15.80"W, -43.2 FT MLLW

A chartlet of the controlling depths as well as survey data are available on the U.S. Army Corps of Engineers (USACE) Navigation Portal website at: http://navigation.usace.army.mil/Survey/Hydro. The Cook Inlet Navigation Channel was dredged during the summer of 2014 to a project depth of -38 FT MLLW. At this time, no maintenance dredging is scheduled for this channel during 2022. The next project condition survey for this channel is tentatively scheduled for October 2022. BE ADVISED: The information depicted on maps, charts, drawings, navigation notices, etc., for the subject project, represents the results of a survey conducted on the date(s) indicated and can only be considered to represent the general condition existing at that time. The survey data was collected under a USACE contract for the purpose of characterizing the condition of the navigation channel, and the area for placement of dredged material for future channel maintenance operations. As such, the information is only valid for its intended use. This information can be used to supplement existing published navigation charts. The user is responsible for the results

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A subsurface cable will be installed between Mill Bay, Kodiak Island, approximately 58°00'N, 152°05'W, and Dutch Harbor, Unalaska Island,

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1st, 2023. Two anchors marked by white buoys with flashing white lights are being used to moor the pile driving barge and extend up to 500 feet

Terminal at the Port of Alaska located in Anchorage, Alaska. The PCT Danger Range marks a line of position that the PCT Terminal recommends

vessels approaching the Terminal do not cross as they are making their approach from, or departing to, the Southeast. The PCT Danger Range consists of two structures with range boards (KRW) and lights (FL Y) that indicate a LOP of 065.8° as you are facing the range. The structures are located in the following positions:

The PCT Danger Range has been established as a Private Aid TO Navigation (PATON) on the Southeastern end of the Petroleum and Cement

light and marked "SAILDRONE SURVEYOR". The saildrone will be repeatedly deployed from Dutch Harbor, ALASKA between August 8th to October 15th 2022 to conduct survey routes throughout the western Aleutian Island chain, returning to Dutch Harbor periodically every three (3) weeks. SAILDRONE SURVEYOR is a primarily wind powered Uncrewed Surface Vehicle also equipped with an inboard engine, and will have limited maneuverability during survey operations. At the conclusion of survey operations SAILDRONE SURVEYOR will depart the area and return to San Francisco, CA. Mariners are requested to transit areas with caution and to remain greater than 500 meters away from the research equipment. An enclosure to this LNM provides additional information including a photo of the Saildrone and a chartlet indicating approximate areas of operation. Questions/concerns should be directed to Saildrone Mission Control at 510-722-6070 or by email to missioncontrol@saildrone.com.

LLNR 26445 - PCT Danger RFL - 61°13′59.2965″N, 149°53′46.0397″W - On dolphin. LLNR 26446 - PCT Danger RRL - 61°14′01.5097″N, 149°53′35.8204″W - On light pole.

Chart and Light List corrections will be issued in a subsequent LNM. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

into the channel. The anchors are located in positions 55°21.236'N, 131°42.125'W and 55°21.187'W, 131°42.126'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Matt Huston at 206-507-6602 or by email to matth@pacificpile.com. LNM: 37/22

A construction project involving pile driving is being conducted in the vicinity of the Ketchikan International Airport and will be completed by April

The sailboat has an estimated mast height of up to 50'. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil. LNM: 36/22

133°03.855'W. Vessels transiting in the vicinity are requested to remain clear of the reported wreck. Questions/concerns should be directed to the Coast Guard Sector Juneau Command Center at 907-463-2980 or on VHF/FM channel 16.

A 32' Sailboat has been reported sunk in Hot Springs Bay in approximate position 56°50.252'N, 135°23.574'W in approximately 84 feet of water.

OBSTRUCTION TO NAVIGATION: A 94 foot tug has been reported sunk in the vicinity of Butterworth Island in approximate position 56°32.586'N,

approximately 54°00'N, 166°20'W. The cable laying operations will be conducted 24 hours a day, 7 days a week, from July 18th through October 15th, 2022, subject to weather and sea state, by the M/V IT INTREPID and the M/V IT INTEGRITY . The M/V IT INTREPID is 380 feet in length,

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of any application of the survey data for other than its intended purpose and should consider the contents, timeframe of data collection, and accuracy specifications for survey data

collection/processing. Additionally, bathymetry in Cook Inlet is subject to drastic and continuing change. Prudent mariners should not rely solely upon this information. Questions/concerns should be directed to Jeremy Allen, Operations Project Manager at 907-753-2753 or by email to jeremy.m.allen@usace.army.mil.

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#### ALASKA - SOUTHWESTERN - BERING SEA - KUSKOKWIM RIVER 398

ALASKA - SOUTHWESTERN - ALEUTIAN ISLANDS

The following navigational aids have been relocated:

LLNR 27844 KUSKOKWIM RIVER BUOY 12, Relocated to 59-57-18.378N 162-19-23.651 LLNR 27844.5 KUSKOKWIM RIVER BUOY 15, Relocated to 59-58-39.086N 162-24-02.216W LLNR 27844.7 KUSKOKWIM RIVER BUOY 16, Relocated to 60-00-52.239N 162-26-22.711W LLNR 27845.2 KUSKOKWIM RIVER BUOY 18, Relocated to 60-03-59.635N 162-28-59.282W LLNR 27845.7 KUSKOKWIM RIVER BUOY 20, Relocated to 60-06-36.701N 162-28-25.104W LLNR 27846.2 KUSKOKWIM RIVER BUOY 22, Relocated to 60-09-15.386N 162-24-30.342W LLNR 27846.5 KUSKOKWIM RIVER BUOY 23, Relocated to 60-11-26.138N 162-21-12.820W LLNR 27847 KUSKOKWIM RIVER BUOY 25, Relocated to 60-13-22.253N 162-20-43.274W LLNR 27847.5 KUSKOKWIM RIVER BUOY 27, Relocated to 60-14-56.426N 162-23-23.656W LLNR 27847.7 KUSKOKWIM RIVER BUOY 28, Relocated to 60-16-33.849N 162-27-29.991W LLNR 27848 KUSKOKWIM RIVER BUOY 29, Relocated to 60-17-11.047N 162-29-12.737W LLNR 27848.2 KUSKOKWIM RIVER BUOY 30, Relocated to 60-18-58.850N 162-30-41.426W LLNR 27484.7 KUSKOKWIM RIVER BUOY 32, Relocated to 60-20-13.346N 162-30-35.670W LLNR 27489.2 KUSKOKWIM RIVER BUOY 34, Relocated to 60-20-53.018N 162-29-33.210W LLNR 27849.7 KUSKOKWIM RIVER BUOY 36, Relocated to 60-21-15.735N 162-27-59.543W LLNR 27850.5 KUSKOKWIM RIVER BUOY 39, Relocated to 60-21-28.905N 162-20-54.684W LLNR 27851.2 KUSKOKWIM RIVER BUOY 42, Relocated to 60-23-40.224N 162-21-31.857W LLNR 27852 KUSKOKWIM RIVER BUOY 45, Relocated to 60-25-31.231N 162-21-50.513W LLNR 27853 KUSKOKWIM RIVER BUOY 49, Relocated to 60-28-25.992N 162-17-24.609W LLNR 27853.2 KUSKOKWIM RIVER BUOY 50, Relocated to 60-30-37.368N 162-18-04.015W LLNR 27854.5 KUSKOKWIM RIVER BUOY 55, Relocated to 60-31-52,149N 162-16-49,344W LLNR 27855 KUSKOKWIM RIVER BUOY 57, Relocated to 60-33-01.410N 162-14-47.906W

Chart/Light List corrections will be issued once the verification process has been completed. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

ALASKA - SOUTHEAST - GASTINEAU CHANNEL - MENDENHALL BAR The Mendenhall Bar Channel buoys have been commissioned for the 2022 season. This includes Mendenhall Bar Channel B 7A (LLNR 23733) through Mendenhall Bar Channel B 13A (LLNR 23735.8). Due to shifting shoals many of the buoys have been relocated. The updated positions for the relocated buoys will be published in a subsequent LNM and the Light List will be updated. Mariners are advised to transit the area with extreme caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

Six former in-water ranges within Naval Defensive Sea Area Kiska Island have been identified as potentially containing munitions and explosives of concern (MEC). The boundaries of the six former in-water ranges are identified as black, dotted lines on the NOAA Navigational Charts with text as follows: "Unexploded ordnance (reported 2013, see note)." Mariners are cautioned against anchoring, dredging or trawling within these areas. Mariners should follow the 3Rs - Recognize, Retreat, and Report (https://www.denix.osd.mil/uxo/home/). Recognize possible munitions such as mines, torpedoes, depth charges, artillery shells, bombs, and missiles. Mariners should avoid military and former military ranges and disposal areas, and explosive hazard areas identified on Navigational Charts. Retreat by staying as far away as possible, not bringing munitions onboard or into port, minimizing disturbance (i.e., not touching or bumping munitions), and safely jettison, if possible. Report immediately to the U.S. Coast Guard District 17 Command Center at 907-463-2000 if encountering possible munitions and provide vessel position, activity being conducted (anchoring, fishing, dredging), description of munition item, and action taken (i.e., munition stowed or jettisoned). For additional information: Call U.S. Army Technical Center for Explosives Safety at 918-420-8919 or see the US Army's UXO Safety Education website: https://www.denix.osd.mil/mmrp/index.html. Also see the Navy's website for specific documents related to the Aleutian Islands: https://www.navfac.navy.mil/navfac\_worldwide/pacific/fecs/northwest/about\_us/northwest\_documents.html

ALASKA - SOUTHEAST - KATLIAN BAY Blasting will be conducted for construction of the Katlian Bay road from Starrigavan Bay to Katlian Bay through December 1, 2022. Blasting will begin in approximate position 57°08′09″N, 135°22′12″W and end in approximate position 57°09′43″N, 135°17′18″W, with a danger radius of 1000'. Blasting may take place during daylight hours 7 days per week. Blasting will be preceded by a series of long audible signals 5 minutes prior to blasting, a series of short audible signals 1 minute prior to blasting, and one long audible signal when the blast is complete. Mariners are advised to avoid transiting within the danger radius when blasting is taking place. Blasting personnel will maintain lookouts for watercraft within the danger radius before the blast is initiated. Questions/concerns should be directed to Joe Williams at 907-747-3838 or by email at

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#### 461 ALASKA

# The U.S. Coast Guard Navigation Center is going to transition the Navigation Center website to a new, enhanced version in the first quarter of 2022. As part of this transition, URLs will be updated across the site including URLs linked to PDFs. Therefore, once the transition is complete, legacy site URLS will no longer function, including bookmarked URLs and URLs used in automatic downloading of data and/or products. Outdated URLs will automatically redirect to the home page of the site, and from there you will be able to easily navigate to your preferred page.

Below are a few of the "old"/new URL pairs listed for your convenience. Please note that the new URLs will not be active until we launch the new website. Of course, once it is launched, the new URLs will be available for re-bookmarking. As a reminder, these are top level URLs that may contain additional links that you use.

This notice will be updated when the final launch date is determined and another notice will be issued to notify you when the site goes live. Questions/concerns may be directed to the NAVCENWebTEAM@uscg.mil.

Local Notices to Mariners (LNMs) Current URLs: https://www.navcen.uscg.gov/?pageName=InmMain Replacement: https://www.navcen.uscg.gov/local-notices-to-mariners-by-cg-district

Light Lists Annual Publication Current URLs: https://navcen.uscg.gov/?pageName=lightLists Replacement: https://www.navcen.uscg.gov/light-list-annual-publication

Light List - Weekly Current URLs: https://navcen.uscg.gov/?pageName=lightListWeeklyUpdates Replacement: https://www.navcen.uscg.gov/weekly-light-lists

Light List - Corrections Current URLs: https://navcen.uscg.gov/?pageName=lightListCorrections Replacement: https://www.navcen.uscg.gov/light-list-summary-of-corrections

ALASKA - SOUTHCENTRAL - KODIAK ISLAND

ALASKA - SOUTHEAST - BEHM CANAL - MOSER BAY

#### 478 ALASKA – U.S. COAST GUARD MEDIUM FREQUENCY (MF) AND HIGH FREQUENCY (HF) DISTRESS WATCHKEEPING

Mariners are advised that calls to the U.S. Coast Guard on the international radiotelephone distress frequency 2182 kHz or the Digital Selective Calling (DSC) frequency 2187.5 kHz may not be heard or may be severely degraded. Instead of using 2182 kHz for distress calls, mariners may use high frequency (HF) radiotelephone or DSC in the 4, 6, 8, and 12 MHz distress or calling bands. On February 7th, 2022, the U.S. Coast Guard will discontinue monitoring high frequency (HF) voice for all existing regions with the exception of Kodiak, Alaska, and Guam. All existing regions will also continue monitoring high frequency (HF) DSC in the 4, 6, 8, and 12 MHz distress or calling bands. Mariners may also use cellular, satellite or other methods of communications to speak directly to the nearest Coast Guard Command Center. Additional information concerning U.S. Coast Guard HF watchkeeping is posted on the U.S. Coast Guard's Navigation Center website (https://www.navcen.uscg.gov/?pageName=cgcommsCall). The three U.S. Coast Guard Command Centers (CC) located in Alaska are: CG Sector

Juneau CC, 907-463-2980; CG Sector Anchorage CC, 907-428-4100; CG District 17 CC, 907-463-2000. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil. LNM: 50/21

A Waverider buoy approximately 29 nautical miles southeast of the City of Kodiak, Alaska in position 57° 28.8' N, 151° 42.0' W, has been decommissioned. The mooring remains on site and is marked with a cluster of unlit white floats. The mooring will be removed as operations permit. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

The Moser Bay Coast Guard Mooring Buoy (LLNR 22329) is missing and may be submerged and attached/entangled with a sunken vessel in the vicinity of its charted position. Mariners should transit the area with extreme caution because it may be suspended subsurface at an unknown depth. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscq.mil.

ALASKA – SOUTHEAST – KLAG BAY Klag Bay Entrance DBN 1 (LLNR 25335) has been rebuilt in position 57°36′42.318″N, 136°06′08.130″W and is watching properly. Chart and Light List corrections will be issued once the verification process has been completed. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 06/22

LNM: 40/21

LNM: 38/21

LNM: 37/21

LNM: 13/22

ALASKA 529

551

557

573

628

782

#### The outbreak of respiratory illness caused by the COVID-19 virus may affect mariners and maritime commerce transiting to or near Alaska. Additional interim guidance for ships on managing suspected coronavirus disease concerns is available at https://www.cdc.gov/quarantine/maritime/recommendations-for-ships.html. Additional maritime specific information can be obtained through Coast Guard Marine Safety Information Bulletins which can be found at https://www.dco.uscg.mil/Featured-Content/Mariners/Marine-Safety-Information-Bulletins-MSIB/. Mariners with questions/concerns while transiting to or near Alaska should contact the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or the Coast Guard Sector Juneau Command Center at (907) 463-2980.

OBSTRUCTION TO NAVIGATION: A 6' by 6' by 15' metal tower is partially submerged in the Yukon River in position 62°35.55'N, 164°54.48'W. Mariners are requested to transit the area with caution and make sighting reports to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 with any updated positions.

A potential obstruction to navigation exists in the Naknek River in position: 58°42.772'N, 157°02.045'W. A large metal ramp has been reported to be visible during low tide and completely submerged during high tide. All mariners should utilize caution and avoid transiting in close proximity to the object. Questions/concerns should be directed to Sector Anchorage Command Center at (907) 428-4100. LNM: 27/21

Bailey Ledge LT (LLNR 27505) in Captain's Bay has been temporarily replaced with an unlit red buoy in position 53°51.603'N, 166°33.103'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

area with caution. Questions/concerns should be directed to Sector Anchorage Waterways Management at anchorage.waterways@uscg.mil or

subsistence whaling, Gunnery and Pyrotechnics Exercises, and similar Notices directly relating to safe navigation. The Coast Guard's access to AIS transmitters is limited so not all areas might be covered at any given time and the locations of the active transmitters will be determined by the priority of the messages being broadcast from them. All information broadcast by AIS will also be published by the more conventional methods of BNM and LNM. Feedback is desired and should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at

yards offshore from Bar Harbor. The vessel is marked by an orange float. Mariners are requested to use caution when transiting the area. Ouestions/concerns should be directed to the Coast Guard Sector Juneau Command Center at (907) 463-2980 or on VHF/FM channel 16.

corrections have been issued. The previous 6-meter buoy was not recovered and remains in position 55°52'05.000"N, 142°33'31.000"W. Mariners are requested to transit the area with caution until the previous buoy is recovered. Questions/concerns should be directed to Todd Buck with the

#### The BAKER OIL PLATFORM warning lights (LLNR 26361) in position 60°49'45.390"N. 151°29'00.010"W and the DILLION OIL PLATFORM warning lights (LLNR 26361.5) in position 60°44'07.340"N, 151°30'42.610"W are experiencing intermittent outages. Mariners are requested to transit the

ALASKA - COOK INLET

ALASKA – WESTERN – YUKON RIVER

#### ALASKA 661 The Coast Guard will be using AIS Broadcasts to relay some marine information, primarily ATON Discrepancies, VHF/FM Hi-site outages, active

(907) 428-4189.

## ALASKA - SOUTHEAST - DIXON ENTRANCE Tree Point LT (LLNR 21840) has been relocated to a new steel structure approximately 100 vards Southeast of the existing lighthouse structure. The approximate position for the new light is 54°48'10"N, 130°56'04"W. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

ALASKA - BRISTOL BAY - NORTHEAST KVICHAK BAY - NAKNEK RIVER

ALASKA - ALEUTIAN ISLANDS - UNALASKA - CAPTAIN'S BAY

#### ALASKA - SOUTHEAST - TONGASS NARROWS 836 OBSTRUCTION TO NAVIGATION: A 24' Bayliner has sunk in 22 feet of water in approximate position 55°20.79'N, 131°40.36W, approximately 50

(907) 463-2269 or by email to todd.r.buck@uscg.mil.

#### ALASKA - GULF OF ALASKA 918 NOAA DLB 46085 (LLNR 984.15) has been replaced with a 3-meter buoy and relocated to 55°53'18.000"N, 142°50'48.000"W. Chart and Light List

## 930

An uncharted rock has been reported in Kinak Bay in position 58°03.8'N, 154°25.3'W at a depth of approximately 3 fathoms. Mariners are

Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 34/21

LNM: 28/21

LNM: 23/21

LNM: 08/21

LNM: 43/20

LNM: 11/20

LNM: 48/19

LNM: 33/19

#### ALASKA - SOUTHCENTRAL - SHELIKOF STRAIT - KINAK BAY

## Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - UNAKWIK INLET

ALASKA - SOUTHEAST - FARRAGUT BAY - FRANCIS ANCHORAGE

ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - ESTHER ISLAND

ALASKA - SOUTHEAST - WRANGELL NARROWS

ALASKA - SOUTHEAST - FRESHWATER BAY

An uncharted and dangerous rock has been reported in Unakwik Inlet in approximate position 61°08.045'N, 147°32.665'W. Mariners should transit the area with caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

advised to transit the area with extreme caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17

OSTRUCTION TO NAVIGATION: The P/C HEATHER ANN has sunk in Wrangell Narrows on the East side of the channel approximately 330 yards South of Wrangell Narrows Channel LT 16 (LLNR 22955). The most recent reported position was 56°37.25'N, 132°57.64'W. The P/C HEATHER ANN is a 52' wood vessel and may be awash and barely visible at higher tides, exposed at lower tides, or relocated by the extreme current in the area. The vessel was marked with a single orange float. Mariners are requested to transit the area with extreme caution and report any changes in position to the Coast Guard Sector Juneau on VHF/FM channel 16 or by phone to (907) 463-2980.

An uncharted rock shoal has been reported in Cedar Cove centered in approximate position 57°52.405'N, 135°03.694'W with an approximate 75 foot radius. The rocks were approximately 1 foot below a 0' tide. The location of the reported shoal has a charted depth of 12 fathoms. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

Uncharted shoaling was observed in Francis Anchorage on February 14th, 2019 in position 57°08.95'N, 133°10.03'W. The charted depth for this location is 15 fathoms and the observed depths rapidly shallowed from 120 feet and ranged from 8 to 10 feet. The navigational charts for Francis Anchorage are based on pre-1900 Partial Bottom Coverage Surveys and in 1976 'shoaling to bare' was reported further into the anchorage. Mariners should transit this area with extreme caution and be aware of areas that may not be adequately charted. Ouestions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil. LNM: 08/19

OBSTRUCTION TO NAVIGATION: The 32' F/V SONG II has been reported sunk in position 60°47.76'N, 148°03.31'W. Mariners are requested to transit the area with caution and report any sightings to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

OBSTRUCTION: The barge SHANKS ARK has been reported sunken and abandoned in Steamboat Slough on the Kuskokwim River, approximate position 60°47'15"N, 161°41'52"W. A portion of the vessel remains visible above the level of high-tide, but the majority of the vessel remains below the waterline. The vessel is marked by an all-round white light and one ball dayshape when Steamboat Slough is ice free but the markers are removed during freeze up as no hazards exists. The Coast Guard has actively monitored the proper marking of the vessel by the vessel's owner and operator since September 10, 2016. Coast Guard pollution investigators confirmed the vessel does not pose a substantial pollution threat to the environment. Mariners are requested to transit the area with caution and report any discrepancies with the vessel's marking to the Coast Guard. Questions/concerns should be directed to LT David Parker, Sector Anchorage Waterways Management, at (907) 428-4189. LNM: 11/17

UNKNOWN MARINE ANOMALY: An unknown marine anomaly was discovered during underwater survey operations in Akutan Harbor in position 54°07.70889'N, 165°46.38298W on the sea floor at a depth of 138 feet. This anomaly has not been positively identified. Mariners are requested to transit the area with caution. Questions/concerns should be directed to LT David Parker with the Coast Guard Sector Anchorage Waterways Management Branch at (907) 428-4189 or by email to david.n.parker@uscg.mil.

Shoaling has been reported at the bar along the Northern entrance to Bechevin Bay by a vessel with a draft of 10 feet that reported briefly grounding in seas running 6-8 feet. Mariners should take into account their vessel's draft, charted depth of water, tides and sea state when determining an appropriate under-keel clearance for a safe transit of this waterway. Mariners are requested to report any future groundings or significant variations from charted depth to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 28/19

LNM: 25/19

LNM: 25/19

LNM: 24/19

LNM: 34/18

LNM: 03/18

LNM: 17/18

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#### 971 ALASKA - CENTRAL – BETHEL

## ALASKA - ALEUTIAN ISLANDS - AKUTAN ISLAND - AKUTAN HARBOR

#### ALASKA - SOUTHWESTERN - ALEUTIAN PENINSULA - BECHEVIN BAY 974

ALASKA - SOUTHEAST - ICY STRAIT - NORTH INIAN PASSAGE

#### ALASKA - SOUTHEAST 983 The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southeast Alaska. The initial coverage areas are

email to bart.o.buesseler@noaa.gov.

through the Alaska Outdoors Forum at

ALASKA - SOUTHCENTRAL

Michael.r.folkerts@uscg.mil.

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ALASKA - ALEUTIAN ISLANDS - ADAK - SWEEPER COVE

District 17 Boating Safety Office at (907) 463-2297 or by email to Michael.r.folkerts@uscq.mil.

#### and missing pilings. Questions/concerns should be directed to Jim Fleming at (907) 277-7527 or the Port of Adak office at (907) 592-0185. The Adak harbormaster can also be contacted on VHF/FM channel 16.

#### ALASKA - SUBSURFACE AND SURFACE BUOYS 990

Locations of all subsurface and surface oceanographic moorings that have been reported to the U.S. Coast Guard District 17 Waterways Branch are included in an enclosure to the Local Notice to Mariners. The name, type, location, depth, water depth, and a Point of Contact for all data buoys, surface and subsurface, shall be reported as quickly as is practical if they are placed within the navigable waters (within 200 nm) of the United States. Data buoys placed in the Arctic region but outside of 200 nm of the United States may be reported and will be included in this compilation (for informational purposes only). This notification process is for inclusion in the Local Notice to Mariners to provide navigational information to mariners and does not supersede any permission or permitting requirements. Any notifications, corrections, additions, deletions, or comments for the Alaska region (Coast Guard District 17) or the Arctic region should submitted via e-mail to D17-PF-D17-LNM@uscq.mil or to Todd Buck, USCG D17(dpw), at (907) 463-2269 or by email to todd.r.buck@uscg.mil. This compilation is as current as the Local Notice to Mariners (LNM) as included in an enclosure. The referenced LNM may have additional information and indicates the last time an entry was updated.

The East side of the Pier 5 Dock located in Sweeper Cove is closed to moorage without prior approval from the Adak Harbormaster due to loose

The currents in North Inian Passage and Glacier Bay have been observed at up to 3 knots above the NOAA published current predictions. Mariners should exercise caution when transiting the area. Questions/concerns should be directed to LT Bart Buesseler at (907) 271-3327 or by

http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-(DSC) or by contacting Mike Folkerts with the Coast Guard

The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southcentral Alaska. The initial coverage areas are Upper Cook Inlet, Kodiak and Valdez Arm. Mariners are reminded to ensure that they have properly connected their GPS units to their DSC equipped marine VHF radios and registered for their Maritime Mobile Service Identity (MMSI) to utilize the DSC distress function. Additional information is available through the Alaska Outdoors Forum at http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-

Calling-(DSC) or by contacting Mike Folkerts with the Coast Guard District 17 Boating Safety Office at (907) 463-2297 or by email to

LNM: 38/11

#### **SECTION II - DISCREPANCIES**

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

| DISCREPANCIES (FEDERAL AIDS) |      |  |                   |           |          |        |         |  |  |
|------------------------------|------|--|-------------------|-----------|----------|--------|---------|--|--|
|                              | LLNR | Aid Name                                       | Status            | Chart No. | BNM Ref. | LNM St | LNM End |  |  |
|                              | 984  | NOAA Data Lighted Buoy 46001                   | ADRIFT            | 16013     |          | 50/21  |         |  |  |
|                              | 1020 | Cape Decision Light                            | LT EXT            | 17386     | J125-22  | 40/22  |         |  |  |
|                              | 1090 | Yakutat Bay Entrance Lighted Whistle<br>Buoy 2 | LT EXT            | 16761     | J127-22  | 40/22  |         |  |  |
|                              | 1150 | Seal Rocks Light                               | DAYMK MISSING     | 16682     |          | 44/21  |         |  |  |
|                              | 1260 | Cape Greig Light                               | LT EXT/DAYMK DMGD | 16338     | A100-21  | 37/21  |         |  |  |
|                              | 1285 | Cape Mohican Light                             | LT EXT            | 16530     | A076-22  | 33/22  |         |  |  |
|                              | 1300 | Kwiguk Pass Entrance Light                     | DAYMK DMGD        | 16240     | A107-22  | 40/22  |         |  |  |
|                              | 1345 | Cape Rodney Light                              | DAYMK DMGD        | 16200     | A096-22  | 38/22  |         |  |  |
|                              | 1350 | Point Spencer Light                            | DAYMK DMGD        | 16204     | A098-22  | 38/22  |         |  |  |

LNM: 36/17

LNM: 15/15

LNM: 20/13

Ketchikan, Juneau and Yakutat. Mariners are reminded to ensure that they have properly connected their GPS units to their DSC equipped marine VHF radios and registered for their Maritime Mobile Service Identity (MMSI) to utilize the DSC distress function. Additional information is available

LNM: 15/15

| 1360     | Shishmaref Light                               | DAYMK DMGD                | 16005 | A099-22  | 38/22 |
|----------|--|---------------------------|-------|----------|-------|
| 21840    | Tree Point Light                               | REDUCED INT               | 17434 | J082-22  | 26/22 |
| 21850    | Cape Chacon Light                              | DAYMK DMGD                | 17420 | J095-22  | 31/22 |
| 22040    | Nichols Passage East Channel                   | STRUCT DEST               | 17435 | J130-22  | 41/22 |
| 22105    | Daybeacon 2<br>Scrub Island Light 7            | STRUCT DEST               | 17435 | J093-22  | 30/22 |
| 22300    | Guard Island Light                             | REDUCED INT               | 17428 | J096-22  | 31/22 |
| 22329    | Moser Bay Coast Guard Lighted                  | MISSING                   | 17423 | J104-21  | 38/21 |
|          | Mooring Buoy                                   |                           |       |          |       |
| 22435    | Meyers Chuck Buoy 3                            | MISSING                   | 17423 | J114-22  | 37/22 |
| 22470    | Lincoln Rock West Light                        | DAYMK DMGD                | 17382 | J123-22  | 39/22 |
| 22480    | Key Reef Light                                 |                           | 17382 | J124-22  | 39/22 |
| 22490    | Nesbitt Reef Light                             | LT EXT                    | 17383 | J104-22  | 34/22 |
| 22670    | Blake Channel Light 1                          | STRUCT DEST/LT EXT        | 17385 | J124-20  | 48/20 |
| 22863    | Wrangell Narrows Daybeacon 4                   | STRUCT DEST               | 17375 | J113-21  | 41/21 |
| 22880    | Wrangell Narrows Tow Channel Buoy<br>3TC       | OFF STA                   | 17375 | J102-21  | 38/21 |
| 22916    | Wrangell Narrows Daybeacon 10A                 | STRUCT DEST               | 17375 | J128-21  | 47/21 |
| 23210    | Wrangell Narrows North Entrance                | REDUCED INT               | 17375 | J086-21  | 35/21 |
| 23260    | Lighted Bell Buoy WN<br>Cape Fanshaw Light     | STRUCT DEST               | 17365 | J081-22  | 26/22 |
| 23305.1  | Keku Strait Entrance Light                     | STRUCT DEST               | 17368 | J069-19  | 38/19 |
| 23305.7  | Keku Strait Daybeacon 10                       | MISSING                   | 17368 | J148-13  | 32/13 |
| 23305.9  | Keku Strait Daybeacon 13                       | STRUCT DEST               | 17368 | J103-15  | 23/15 |
| 23306.7  | Keku Strait Daybeacon 25                       | STRUCT DEST               | 17368 | J071-20  | 28/20 |
| 23307    | Keku Strait Daybeacon 30                       | STRUCT DEST               | 17368 | J075-20  | 29/20 |
| 23307.05 | ,<br>Keku Strait Daybeacon 31                  | STRUCT DEST               | 17372 | J072-20  | 28/20 |
| 23307.7  | ,<br>Keku Strait Daybeacon 39                  | STRUCT DEST               | 17368 | J074-21  | 26/21 |
| 23350    | Portage Pass Light 10                          | LT EXT                    | 17368 | J041-22  | 12/22 |
| 23355    | Portage Pass Daybeacon 11                      | STRUCT DEST               | 17368 | J077-18  | 26/18 |
| 23370    | West Rock Light                                | LT EXT                    | 17378 | J127-21  | 47/21 |
| 23440    | Cape Decision Light                            | LT EXT                    | 17386 | J125-22  | 40/22 |
| 23510    | Point Ellis Light                              | LT EXT                    | 17376 | J028-21  | 08/21 |
| 23515    | Washington Bay Light                           | DAYMK DMGD                | 17370 | J078-22  | 26/22 |
| 23632    | Holkham Bay Buoy 2                             | OFF STA                   | 17311 | J094-22  | 31/22 |
| 23800    | Gibby Rock Light 2                             | DAYMK DMGD                | 17315 | J026-22  | 08/22 |
| 23885    | Chilkoot Inlet East Light                      | DAYMK DMGD                | 17317 | J066-22  | 21/22 |
| 24260    | Elfin Cove Daybeacon 5                         | STRUCT DEST               | 17302 | J017-18  | 36/19 |
| 24675    | Cape Lynch Light                               | LT EXT                    | 17404 | J024-22  | 07/22 |
| 24790    | Dry Pass Daybeacon 3                           | STRUCT DEST               | 17387 | J072-18  | 23/18 |
| 24900    | Elovoi Island Rock Daybeacon 1                 | DAYMK MISSING/STRUCT DMGD | 17326 | J0117-21 | 42/21 |
| 24948    | Indian River Flats Lighted Buoy 2              | LT EXT                    | 17327 | J032-20  | 09/20 |
| 25060    | Big Gavanski Island Light 3                    | LT EXT                    | 17324 | J103-22  | 34/22 |
| 25355    | Dippy Island Rock Daybeacon 3                  | STRUCT DEST               | 17321 | J112-22  | 35/22 |
| 25420    | Yakutat Bay Entrance Lighted Whistle<br>Buoy 2 | LT EXT                    | 16761 | J127-22  | 40/22 |
| 25460    | Kokenhenic Bar Channel Light K                 | STRUCT DEST               | 16013 | A083-22  | 35/22 |
| 25535    | Johnstone Point Light                          | LT IMCH                   | 16709 | A073-22  | 31/22 |
| 25982    | NOAA Data Lighted Buoy 46076                   | OFF STA                   | 16700 | A060-20  | 23/20 |
| 26080    | Chugach Passage Lighted Buoy 3                 | OFF STA                   | 16646 | A081-21  | 29/21 |
| 26095    | Perl Rock Light                                | DAYMK DMGD                | 16606 | A051-22  | 27/22 |
| 26315    | Kasilof Entrance Channel Buoy 2                | MISSING                   | 16662 | A088-22  | 37/22 |
|          |  |                           |       |          |       |

| 26410 | Fire Island Range Front Light        | LT EXT             | 16665 | A072-22 | 31/22 |
|-------|--------------------------------------|--------------------|-------|---------|-------|
| 26415 | Fire Island Range Rear Light         | LT EXT             | 16665 | A072-22 | 31/22 |
| 26475 | Entrance Point Shoal Lighted Buoy 5  | LT EXT             | 16594 | A069-22 | 31/22 |
| 26900 | Geese Channel Buoy 3                 | SINKING            | 16590 | A141-21 | 48/21 |
| 26910 | Aiaktalik Island Light 5             | DAYMK DMGD         | 16590 | A133-20 | 49/20 |
| 26925 | Lazy Bay Light 2                     | DAYMK DMGD         | 16591 | A132-20 | 49/20 |
| 27000 | Northeast Arm Light 1                | STRUCT DEST        | 16594 | A143-21 | 50/21 |
| 27025 | Dry Spruce Island Rock Light 7       | LT EXT             | 16594 | A008-22 | 06/22 |
| 27061 | Chignik Boat Harbor Entrance Light 1 | LT EXT             |       | A061-22 | 29/22 |
| 27110 | Humboldt Harbor Breakwater Light 3   | LT EXT             |       | A082-21 | 29/21 |
| 27145 | Arch Point Light 2                   | DAYMK DMGD         | 16540 | A077-21 | 29/21 |
| 27155 | Goloi Sandspit Light 3               | STRUCT DMGD        | 16540 | A110-21 | 39/21 |
| 27250 | Bechevin Bay Entrance Buoy BB        | MISSING            | 16520 | A130-21 | 43/21 |
| 27290 | Bechevin Bay Buoy 8                  | OFF STA            |       | A062-22 | 29/22 |
| 27300 | Chunak Point Daybeacon 2             | STRUCT DEST        | 16520 | A093-20 | 33/20 |
| 27345 | St. Catherine Cove Daybeacon 4       | STRUCT DEST        | 16520 | A094-20 | 33/20 |
| 27440 | Akutan Point Light 2                 | DAYMK DMGD         | 16531 | A059-22 | 29/22 |
| 27505 | Bailey Ledge Light                   | LT EXT/STRUCT DMGD | 16529 | A122-20 | 43/20 |
| 27865 | Kwiguk Pass Entrance Light           | DAYMK DMGD         | 16240 | A107-22 | 40/22 |
| 27872 | Okwega Pass Light OP                 | LT EXT             | 16240 | A074-22 | 32/22 |
| 27920 | Unalakleet River South Spit Light    | DAYMK DMGD         | 16200 | A097-22 | 38/22 |
| 27975 | Point Spencer Light                  | DAYMK DMGD         | 16204 | A098-22 | 38/22 |
|       |                                      |                    |       |         |       |

#### DISCREPANCIES (FEDERAL AIDS) CORRECTED

| LLNR  | Aid Name                       | Status            | Chart No. BNM Ref | . LNM St LNM Er | nd |
|-------|--------------------------------|-------------------|-------------------|-----------------|----|
| 23690 | Lawson Creek Bar Light 3       | WATCHING PROPERLY | 17315 J131-22     | 17/22 41/22     |    |
| 27542 | Sweeper Cove Range Front Light | WATCHING PROPERLY | A110-22           | 25/22 41/22     |    |

#### DISCREPANCIES (PRIVATE AIDS)

|              |  | - ·         |          |            |        |         |
|--------------|--|-------------|----------|------------|--------|---------|
| LLNR         | Aid Name                                 | Status      | Chart No |            | LNM St | LNM End |
| 22201        | Bar Harbor Breakwater East Light         | STRUCT DEST | 17430    | J202-15    | 47/15  |         |
| 22202        | Bar Harbor Breakwater Middle Light       | STRUCT DEST | 17430    | J203-15    | 47/15  |         |
| 22203        | Bar Harbor Breakwater West Light         | STRUCT DEST | 17430    | J204-15    | 47/15  |         |
| 23908        | Port Chilkoot Mooring Dolphin Lights (2) | LT EXT      | 17317    | J175-14    | 38/14  |         |
| 25822        | Port Valdez Servs Dock Lights (2)        | OFF STA     | 16707    | A067-19    | 24/19  |         |
| 25893        | Whittier Passenger Dock Lights (2)       | LT EXT      | 16706    | A031-10    | 20/10  |         |
| 26010        | Seward Marine Dock Light                 | LT EXT      | 16682    |            | 20/22  |         |
| DISCREPANCIE | S (PRIVATE AIDS) CORRECTED               |             |          |            |        |         |
| LLNR         | Aid Name                                 | Status      | Chart No | . BNM Ref. | LNM St | LNM End |
| None         |  |             |          |            |        |         |
| PLATFORM DIS | CREPANCIES                               |             |          |            |        |         |
| Name         | Status                                   |             | Position | BNM Ref.   | LNM St | LNM End |
| None         |  |             |          |            |        |         |
| PLATFORM DIS | CREPANCIES CORRECTED                     |             |          |            |        |         |
| Name         | Status                                   |             | Position | BNM Ref.   | LNM St | LNM End |
| None         |  |             |          |            |        |         |

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position.

#### **TEMPORARY CHANGES**

| LLNR  | Aid Name  | Status  | Chart No.                   | BNM Ref.            | LNM St    | LNM End         |
|---|---|---|-----------------------------|---------------------|-----------|-----------------|
| 23355   | Portage Pass Daybeacon 11   | TRUB  | 17368                       | J093-18             | 30/18     |                 |
| 23790   | Horse Shoal Light 1   | DISCONTINUED  | 17315                       | J102-19             | 51/19     |                 |
| 24957   | Mitchell Rock Daybeacon   | DISCONTINUED  | 17327                       | J022-17             | 04/17     |                 |
| 25025.5   | Japonski Island Daybeacon 2   | DISCONTINUED  | 17327                       | J196-16             | 49/16     |                 |
| 25647   | NOAA Data Lighted Buoy 46081  | DISCONTINUED  | 16705                       | A126-19             | 46/19     |                 |
| 25805   | Port Valdez Coast Guard Mooring Buoy  | DISCONTINUED  | 16707                       | A095-18             | 33/18     |                 |
| TEMPORARY CHAN  | <b>JES CORRECTED</b>  |   |                             |                     |           |                 |
| LLNR  | Aid Name  | Status  | Chart No.                   | BNM Ref.            | LNM St    | LNM End         |
| None  |   |   |                             |                     |           |                 |
| PLATFORM TEMPOR   | ARY CHANGES   |   |                             |                     |           |                 |
| Name  | Status  |   | Position                    | BNM Ref.            | LNM St    | LNM End         |
| None  |   |   |                             |                     |           |                 |
| PLATFORM TEMPOR   | ARY CHANGES CORRECTED   |   |                             |                     |           |                 |
| Name  | Status  |   | Position                    | BNM Ref.            | LNM St    | LNM End         |
| None  |   |   |                             |                     |           |                 |
| This section contains of  | on contains corrections to federally and priva<br>corrective actions affecting chart(s). Corrections of the corrected of the cor | ons appear numerically  | by chart number, and        | pertain to that cha | art only. | tion.           |
| Chart Chart<br>Number Edition                                   | Edition Last Local Notice Horizor<br>Date to Mariners Datum   | ntal Source o<br>Reference Correction   |                             | ners                |           |                 |
| I.I.I.<br>12327 91st Ed.<br>Chart Title: NX N I NEV             | II<br>19-APR-97 Last LNM: 26/97 NAD 8<br>W YORK HARBOR - RARITAN RIVER  | 83 I  | I<br>27/97                  |                     |           |                 |
| Main Panel 224  | 5 NEW YORK HARBOR<br>TIONAL DOCK CHANNEL BUOY 3   | CGD0 <sup>.</sup><br>at 40-4  | 1<br>1-09.001N 074-02-48    | 3.001W              |           |                 |
|   | n can l   | I .<br>Position   |                             |                     |           |                 |
| Bearings of light sector<br>16145 1st<br>ChartTitle: Alaska - V | West Coast. Delong Mountain Terminal  | ominal range of lights is<br>/14 NAD 83   | expressed in nautical       |                     |           | noted.<br>41/22 |
|   | 2581 ALASKA - WEST COAST. DELONG N  |   | NOS                         |                     |           |                 |
| LAST EDITIO   | N No new editions of chart 16145 will be pu<br>30-Nov-22. Comparable or larger scale El<br>(ENC) coverage is available. See "Cancella<br>Nautical Charts" in Section I of this LNM f<br>NOAA charts is at https://www.charts.noa  | ectronic Navigational Ch<br>ation of NOAA Paper an<br>for details. A list of all ca | nart<br>d Raster<br>anceled |                     |           |                 |
| 16161 1st<br>ChartTitle: Kotzebue                               | Ed. 01-APR-12 Last LNM: 19/<br>Harbor and Approaches  | /12 NAD 83  |                             |                     |           | 41/22           |
|   | 573 KOTZEBUE HARBOR AND APPROA  | CHES. Page/Side: N/A  | A                           |                     |           |                 |

| LAST EDITION No new editions of chart 16161 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |       |
|---|---------|-------|
| 16190 2nd Ed. 01-DEC-18 Last LNM: 43/15 NAD 83<br><i>ChartTitle:</i> Bering Strait North;Little Diomede Island<br>Main Panel 2350 BERING STRAIT NORTH Page/Side: -  | NOS     | 41/22 |
| LAST EDITION No new editions of chart 16190 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |         |       |
| 16304 3rd Ed. 01-APR-13 Last LNM: 38/21 NAD 83<br><i>ChartTitle:</i> Kuskokwim Bay to Bethel<br>Main Panel 2934 KUSKOKWIM RIVER KUSKOKWIM BAY TO BETHEL. Page/Side: I   | N/A     | 41/22 |
| LAST EDITION No new editions of chart 16304 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br> |       |
| 16305 11th Ed. 01-DEC-14 Last LNM: 52/14 NAD 83<br>ChartTitle: Bristol Bay-Cape Newenham and Hagemeister Strait<br>Main Panel 2858 CAPE NEWENHAM AND HAGEMEISTER STRAIT. Page/Side: A   | NOC     | 41/22 |
| LAST EDITION No new editions of chart 16305 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br> |       |
| 16315 11th Ed. 01-MAR-15 Last LNM: 12/15 NAD 83<br><i>ChartTitle:</i> Bristol Bay-Togiak Bay and Walrus Islands<br>Main Panel 2859 TOGIAK BAY AND WALRUS ISLANDS. Page/Side: A  |         | 41/22 |
| LAST EDITION No new editions of chart 16315 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |       |
| 16338 5th Ed. 01-MAR-15 Last LNM: 12/15 NAD 83<br>ChartTitle: Bristol Bay-Ugashik Bay to Egegik Bay<br>Main Panel 2860 BRISTOL BAY UGASHIK BAY TO EGEGIK BAY. Page/Side: A  |         | 41/22 |
| LAST EDITION No new editions of chart 16338 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |       |
| 16570 12th Ed. 01-FEB-15 Last LNM: 09/15 NAD 83<br><i>ChartTitle:</i> Portage and Wide Bays, Alaska Pen.<br>Main Panel 2545 PORTAGE AND WIDE BAYS. Page/Side: A   |         | 41/22 |
| LAST EDITION No new editions of chart 16570 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |       |
| 16575 3rd Ed. 01-APR-15 Last LNM: 15/15 NAD 83<br><i>ChartTitle:</i> Dakavak Bay to Cape Unalishagvak;Alinchak Bay<br>Main Panel 2867 DAKAVAK BAY TO CAPE UNALISHAGVAK. Page/Side: A  |         | 41/22 |
| LAST EDITION No new editions of chart 16575 will be published. It will be canceled on   | NOS<br> |       |

| 30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.  |                    |       |
|---|--------------------|-------|
| 16576 5th Ed. 01-APR-15 Last LNM: 32/19 NAD 83<br>ChartTitle: Shelikof Strait-Cape Nukshak to Dakavak Bay<br>Main Panel 2871 CAPE NUKSHAK TO DAKAVAK BAY. Page/Side: A  |                    | 41/22 |
| LAST EDITION No new editions of chart 16576 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br>            |       |
| 16587 3rd Ed. 01-AUG-14 Last LNM: 09/20 NAD 83<br>ChartTitle: Semidi Islands and Vicinity<br>Main Panel 2541 SEMIDI ISLANDS AND VICINITY. Page/Side: A  | Nos                | 41/22 |
| LAST EDITION No new editions of chart 16587 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br>            |       |
| 16590 12th Ed. 01-SEP-14 Last LNM: 07/20 NAD 83<br>ChartTitle: Kodiak Island Sitkinak Strait and Alitak Bay<br>Main Panel 2548 SITKINAK STRAIT AND ALITAK BAY. Page/Side: A   |                    | 41/22 |
| LAST EDITION No new editions of chart 16590 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br>            |       |
| 16591 10th Ed. 01-JUL-14 Last LNM: 30/17 NAD 83<br><i>ChartTitle:</i> Alitak Bay-Cape Alitak to Moser Bay<br>Main Panel 2549 PART OF ALITAK BAY CAPE ALITAK TO MOSER BAY. Page/Side   | e: <b>A</b><br>NOS | 41/22 |
| LAST EDITION No new editions of chart 16591 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |                    |       |
| 16592 11th Ed. 01-JUL-14 Last LNM: 18/17 NAD 83<br>ChartTitle: Kodiak Island Gull Point to Kaguyak Bay;Sitkalidak Passage<br>Main Panel 2550 GULL POINT TO KAGUYAK BAY. Page/Side: A  | NOS                | 41/22 |
| LAST EDITION No new editions of chart 16592 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |                    |       |
| 16597 10th Ed. 01-APR-15 Last LNM: 32/19 NAD 83<br>ChartTitle: Uganik and Uyak Bays<br>Main Panel 2559 UGANIK AND UYAK BAYS. Page/Side: A   |                    | 41/22 |
| LAST EDITION No new editions of chart 16597 will be published. It will be canceled on<br>30-Nov-22. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br><br>-       |       |
| 16598 11th Ed. 01-APR-15 Last LNM: 04/17 NAD 83<br>ChartTitle: Cape Ikolik to Cape Kuliuk   |                    | 41/22 |
| Main Panel 2560 CAPE IKOLIK TO CAPE KULIUK. Page/Side: A  | NOS                |       |
| LAST EDITION No new editions of chart 16598 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart   | NOS<br>            |       |

| 16599 8th E   |   |   |   |                |               |
|---|---|---|---|----------------|---------------|
|   | d. 01-FEB-15  | Last LNM: 04/17   | NAD 83  |                | 41/22         |
| ChartTitle: Bays and I  | Anchorages, Kodiak Isla   | and Karluk Anchorage;L  | arsen Bay;Uyak Ancho  | rage           |               |
| Main Panel 25   | 61 KODIAK ISL BAYS A  | AND ANCHORAGES LA   | RSEN BAY. Page/Side:  | : <b>A</b>     |               |
|   |   |   |   | NOS            |               |
| LAST EDITION  |   | t 16599 will be published.  |   |                |               |
|   |   | or larger scale Electronic  |   |                |               |
|   |   | able. See "Cancellation of  |   |                |               |
|   |   | ion I of this LNM for detail  |   |                |               |
|   | NOAA charts is at https:  | ://www.charts.noaa.gov/M  | 1CD/Dole.shtml.   |                |               |
|   |   |   |   |                |               |
| 16603 9th E   | d. 01-MAR-15  | Last LNM: 11/15   | NAD 83  |                | 41/22         |
| ChartTitle: Kukak Bay   | , Alaska Peninsula  |   |   |                |               |
| Main Panel 25   | 65 KUKAK BAY. Page/   | Side: A   |   |                |               |
|   |   |   |   | NOS            |               |
| LAST EDITION  |   | t 16603 will be published.  |   |                |               |
|   |   | or larger scale Electronic  |   |                |               |
|   |   | able. See "Cancellation of  |   |                |               |
|   |   | ion I of this LNM for detail  |   |                |               |
|   | NOAA charts is at https:  | ://www.charts.noaa.gov/M  | 1CD/Dole.shtml.   |                |               |
|   |   |   |   |                |               |
| 16604 12th  |   | Last LNM: 41/21   | NAD 83  |                | 41/22         |
| ChartTitle: Shuyak an   | d Afagnak Islands and a   | adjacent waters   |   |                |               |
| Main Panel 25   | 66 SHUYAK & AFOGNA  | AK ISL & ADJACENT WA  | TERS. Page/Side: A  |                |               |
|   |   |   |   | NOS            |               |
| LAST EDITION  | No new editions of char   | t 16604 will be published.  | . It will be canceled on  |                |               |
|   |   | or larger scale Electronic  |   |                |               |
|   |   | able. See "Cancellation of  |   |                |               |
|   |   | ion I of this LNM for detail  |   |                |               |
|   | NOAA charts is at https:  | ://www.charts.noaa.gov/M  | 1CD/Dole.shtml.   |                |               |
|   |   |   |   |                |               |
| 16605 10th  | Ed. 01-JUN-14   | Last LNM: 23/14   | NAD 83  |                | 41/22         |
| ChartTitle: Shuyak St   | ait and Bluefox Bay   |   |   |                |               |
| Main Panel 25   | 67 SHUYAK STRAIT AN   | ND BLUEFOX BAY. Page  | e/Side: A   |                |               |
|   |   | -   |   | NOS            |               |
| LAST EDITION  | No new editions of char   | t 16605 will be published.  | . It will be canceled on  |                |               |
|   |   | or larger scale Electronic  |   |                |               |
|   |   | able. See "Cancellation of  |   |                |               |
|   |   | ion I of this LNM for detail  |   |                |               |
|   | NOAA charts is at https:  | ://www.charts.noaa.gov/M  | 1CD/Dole.shtml.   |                |               |
|   |   |   |   |                |               |
| 16606 12th  | Ed. 01-FEB-15   | Last LNM: 16/15   | NAD 83  |                | 41/22         |
| ChartTitle: Barren Isla   | nds   |   |   |                |               |
| Main Panel 25   | 68 BARREN ISLANDS .   | Demo/Sidey A  |   |                |               |
|   |   | Page/Side: A  |   |                |               |
|   |   | Page/Side: A  |   | NOS            |               |
| LAST EDITION  | No new editions of char   | t 16606 will be published.  | It will be canceled on  | NOS            |               |
| LAST EDITION  |   | •   |   | NOS<br>        |               |
| LAST EDITION  | 30-Nov-22. Comparable (ENC) coverage is available   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of  | Navigational Chart<br>NOAA Paper and Raster   | NOS<br>        |               |
| LAST EDITION  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail  | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled  | NOS<br>        |               |
| LAST EDITION  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of  | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled  | NOS<br>        |               |
| LAST EDITION  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail  | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled  | NOS<br>        |               |
| LAST EDITION  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail  | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled  | NOS<br>        | <br>41/22     |
| 16608 5th E   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.   | NOS<br>        | <br>41/22     |
| 16608 5th E<br>ChartTitle: Shelikof St  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83   | NOS<br>        | <br>41/22     |
| 16608 5th E<br>ChartTitle: Shelikof St  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83   |                | <br>41/22     |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>d. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>pe/Side: A   | NOS<br><br>NOS | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>d. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ie/Side: A<br>. It will be canceled on   |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Me/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster  |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>D CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ne/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled   |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ne/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled   |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>D CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ne/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled   |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>D CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detai   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ne/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled   |                | <br>41/22<br> |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION   | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-APR-15   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Me/Side: A<br>. It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.  |                |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak                  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-APR-15<br>Bay;Iliamna Bay  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 17/15  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Me/Side: A<br>. It will be canceled on<br>NoAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83  |                |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak                  | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>id. 01-APR-15<br>Bay;Iliamna Bay  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N   | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Me/Side: A<br>. It will be canceled on<br>NoAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83  | NOS<br>        |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak<br>Main Panel 25 | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>ad. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>ad. 01-APR-15<br>Bay;Iliamna Bay<br>77 KAMISHAK BAY CO  | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>D CAPE NUKSHAK. Page<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 17/15<br>DOK INLET. Page/Side: .                              | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Ne/Side: A<br>. It will be canceled on<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>A   |                |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak<br>Main Panel 25 | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>ad. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>NoAA charts is at https:<br>d. 01-APR-15<br>Bay;Iliamna Bay<br>77 KAMISHAK BAY CO<br>No new editions of char   | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 17/15  | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Pe/Side: A<br>. It will be canceled on<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>A<br>. It will be canceled on                       | NOS<br>        |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak<br>Main Panel 25 | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>ad. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>d. 01-APR-15<br>Bay;Iliamna Bay<br>77 KAMISHAK BAY CO<br>No new editions of char<br>30-Nov-22. Comparable | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 17/15<br>DOK INLET. Page/Side: 1                               | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Je/Side: A<br>. It will be canceled on<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>A<br>. It will be canceled on<br>Navigational Chart | NOS<br>        |               |
| 16608 5th E<br>ChartTitle: Shelikof St<br>Main Panel 25<br>LAST EDITION<br>16648 6th E<br>ChartTitle: Kamishak<br>Main Panel 25 | 30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>ad. 01-MAR-15<br>trait-Cape Douglas to Ca<br>69 CAPE DOUGLAS TO<br>No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti<br>NOAA charts is at https:<br>d. 01-APR-15<br>Bay;Iliamna Bay<br>77 KAMISHAK BAY CO<br>No new editions of char<br>30-Nov-22. Comparable | t 16606 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 13/15<br>ape Nukshak<br>O CAPE NUKSHAK. Pag<br>t 16608 will be published.<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for detail<br>://www.charts.noaa.gov/N<br>Last LNM: 17/15<br>OOK INLET. Page/Side: .<br>t 16648 will be published. | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>Je/Side: A<br>. It will be canceled on<br>NOAA Paper and Raster<br>ils. A list of all canceled<br>MCD/Dole.shtml.<br>NAD 83<br>A<br>. It will be canceled on<br>Navigational Chart | NOS<br>        |               |

| 16681 11th<br>ChartTitle: Seal Rocks<br>Main Panel 25 | ••••••  | Last LNM: 16/15   | NAD 83  |         | 41/22 |
|---|---|---|---|---------|-------|
|   | No new editions of chart<br>30-Nov-22. Comparable   | 16681 will be published<br>or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta | I. It will be canceled on<br>c Navigational Chart<br>f NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br> |       |
|   | Ed. 01-JAN-11<br>gton to Cape Resurrection<br>96 POINT ELRINGTON 1  |   | NAD 83<br>ION. Page/Side: N/A   | Noc     | 41/22 |
| LAST EDITION  | No new editions of chart<br>30-Nov-22. Comparable<br>(ENC) coverage is availal<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | c Navigational Chart<br>f NOAA Paper and Raster<br>iils. A list of all canceled                             | NOS<br> |       |
|   | Ed. 01-APR-15<br>iam Sound-western entr<br>98 PRINCE WILLIAM SC   |   | NAD 83<br>RANCE. Page/Side: A   |         | 41/22 |
| LAST EDITION  | No new editions of chart<br>30-Nov-22. Comparable<br>(ENC) coverage is availal<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | c Navigational Chart<br>f NOAA Paper and Raster<br>iils. A list of all canceled                             | NOS<br> |       |
|   | Ed. 01-OCT-09<br>Passage to Whale Bay<br>99 LATOUCHE PASSAG   | Last LNM: 43/15   | NAD 83<br>age/Side: N/A   | Noc     | 41/22 |
| LAST EDITION  | No new editions of chart<br>30-Nov-22. Comparable<br>(ENC) coverage is availal<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | c Navigational Chart<br>f NOAA Paper and Raster<br>iils. A list of all canceled                             | NOS<br> |       |
| • ·   | Ed. 01-FEB-15<br>Prince William Sound<br>00 DRIER BAY. Page/Si  | Last LNM: 09/15   | NAD 83  |         | 41/22 |
| LAST EDITION  | No new editions of chart<br>30-Nov-22. Comparable<br>(ENC) coverage is availal<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | c Navigational Chart<br>f NOAA Paper and Raster<br>ils. A list of all canceled                              | NOS<br> |       |
| •   | Ed. 01-MAR-15<br>anal incl. Port of Whittie<br>02 PASSAGE CANAL IN  | •   | NAD 83  |         | 41/22 |
|   | No new editions of chart<br>30-Nov-22. Comparable   | 16706 will be published<br>or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta | I. It will be canceled on<br>c Navigational Chart<br>f NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br> |       |
|   | d. 01-MAR-15<br>including College Fiord<br>77 PORT WELLS COLLE  |   | NAD 83<br>e: A  |         | 41/22 |
| LAST EDITION  | No new editions of chart<br>30-Nov-22. Comparable<br>(ENC) coverage is availal<br>Nautical Charts" in Sectio                              | or larger scale Electronic<br>ble. See "Cancellation of   | c Navigational Chart<br>f NOAA Paper and Raster   | NOS<br> |       |

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|---|---|---|--|---------|-------|
| 16713 4th E<br>ChartTitle: Naked Isla                 |   | Last LNM: 24/14   | NAD 83   |         | 41/22 |
| Main Panel 29   | 61 NAKED ISLAND TO  | COLUMBIA BAY. Page                                      | /Side: N/A   |         |       |
| LAST EDITION  | (ENC) coverage is availa<br>Nautical Charts" in Secti   | or larger scale Electronic                              | c Navigational Chart<br>F NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br> |       |
| 16723 16th<br>ChartTitle: Controller                  | Вау   | Last LNM: 43/20   | NAD 83   |         | 41/22 |
| Main Parier 20  | 11 CONTROLLER BAY.  | Page/Side: A  |  | NOS     |       |
| LAST EDITION  | (ENC) coverage is availa<br>Nautical Charts" in Secti   | or larger scale Electronic                              | c Navigational Chart<br>F NOAA Paper and Raster<br>ils. A list of all canceled |         |       |
| 16741 12th<br>ChartTitle: Icy Bay                     |   | Last LNM: 38/12   | NAD 83   |         | 41/22 |
| Main Panel 26   | 12 ICY BAY. Page/Side   | e: N/A  |  | NOS     |       |
| LAST EDITION  | (ENC) coverage is availa<br>Nautical Charts" in Secti   | or larger scale Electronic                              | c Navigational Chart<br>F NOAA Paper and Raster<br>ils. A list of all canceled |         |       |
| 16761 17th<br>ChartTitle: Yakutat Ba                  |   | Last LNM: 17/15   | NAD 83   |         | 41/22 |
|   | 14 YAKUTAT BAY. Pag   | ge/Side: A  |  |         |       |
|   | No new editions of char<br>30-Nov-22. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti | t 16761 will be published<br>or larger scale Electronic | c Navigational Chart<br>F NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br> |       |
|   | Ed. 01-JUN-14<br>;Lituya Bay Entrance<br>16 LITUYA BAY. Page/   | Last LNM: 23/14<br>Side: A                              | NAD 83   |         | 41/22 |
|   | No new editions of char<br>01-Feb-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Secti | t 16762 will be published<br>or larger scale Electronic | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled     | NOS<br> |       |
| 17301 9th E<br>ChartTitle: Cape Spen<br>Main Panel 26 |   | Last LNM: 53/19   | NAD 83   |         | 41/22 |
|   |   | -   |  | NOS     |       |
| LAST EDITION  | (ENC) coverage is availa<br>Nautical Charts" in Secti   | or larger scale Electronic                              | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled     |         |       |
| •   | Ed. 01-MAY-15<br>nd Cross Sound;Inian C<br>21 ICY STRAIT AND CF   | •   | NAD 83   |         | 41/22 |
|   |   | · ·   |  | NOS     |       |
| LAST EDITION  | (ENC) coverage is availa<br>Nautical Charts" in Secti   | or larger scale Electronic                              | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled     |         |       |
|   |   |   |  |         |       |

| 17303 11th I<br>ChartTitle: Yakobi Isla | Ed. 01-MAY-14<br>nd and Lisianski Inlet;Pe   | Last LNM: 30/16<br>lican Harbor  | NAD 83   |                          | 41/22 |
|---|--|--|--|--------------------------|-------|
| Main Panel 262                          | 24 YAKOBI ISLAND AND   | LISIANSKI INLET. Pa  | ge/Side: N/A   |                          |       |
|   |  |  | 9  | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availab<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/   | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled |                          |       |
|   | ay And Tracy Arm - Step  | 0  | NAD 83   |                          | 41/22 |
| Main Panel 294                          | 40 HOLKHAM BAY AND   | TRACY ARM - STEPHE   | INS PASSAGE. Page/S  |                          |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availab<br>Nautical Charts" in Section<br>NOAA charts is at https:// | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled | NOS<br>                  |       |
| 17312 3rd E<br>ChartTitle: Hawk Inlet,  | ••••••   | Last LNM: 24/20  | NAD 83   |                          | 41/22 |
|   | <b>36 HAWK INLET, CHATH</b>  | AM STRAIT, Page/Sid  | e: N/A   |                          |       |
|   |  |  |  | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availab<br>Nautical Charts" in Section<br>NOAA charts is at https:// | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled |                          |       |
|   |  |  |  |                          |       |
| 17313 9th E                             |  | Last LNM: 26/09  | NAD 83   |                          | 41/22 |
| ChartTitle: Port Snettis                | sham   |  |  |                          |       |
| Main Panel 262                          | 27 PORT SNETTISHAM.  | Page/Side: N/A   |  |                          |       |
|   |  | _  |  | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availat<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/   | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled |                          |       |
| 17314 13th I<br>ChartTitle: Slocum and  | Ed. 01-NOV-14<br>d Limestone Inlets and T  | Last LNM: 46/14<br>aku Harbor  | NAD 83   |                          | 41/22 |
| Main Panel 262                          | 28 SLOCUM AND LIMES  | TONE INLETS AND TA   | KU HARBOR. Page/Sid  | e: A                     |       |
|   |  |  | -  | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availab<br>Nautical Charts" in Section<br>NOAA charts is at https:// | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled | -                        |       |
| 17317 21st I                            | Ed. 01-MAY-15  | Last LNM: 22/20  | NAD 83   |                          | 41/22 |
|   | -Point Sherman to Skag   |  |  | age Cove. Chilkoot Inlet | •••   |
| •                                       | 34 LYNN CANAL POINT  |  | • •  |                          |       |
| Walli Fallel 20                         | 54 ETNIN CANAL FOINT   | SHERMAN TO SRAGE   | AT. Fage/Side. A   | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availab<br>Nautical Charts" in Section<br>NOAA charts is at https:// | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled |                          |       |
|   |  |  |  |                          |       |
| 17318 8th E<br>ChartTitle: Glacier Bay  | ;Bartlett Cove   | Last LNM: 29/21  | NAD 83   |                          | 41/22 |
| iviain Panei 263                        | 38 GLACIER BAY. Page   | Jue. N/A   |  | NOS                      |       |
| LAST EDITION                            | No new editions of chart<br>01-Feb-23. Comparable of<br>(ENC) coverage is availat<br>Nautical Charts" in Section<br>NOAA charts is at https:/  | or larger scale Electronic<br>ole. See "Cancellation of I<br>on I of this LNM for detail | Navigational Chart<br>NOAA Paper and Raster<br>s. A list of all canceled |                          |       |
| 17321 10th I<br>ChartTitle: Cape Edwa   | Ed. 01-MAY-14<br>rd to Lisianski Strait, Ch  | Last LNM: 30/16<br>ichagof Island  | NAD 83   |                          | 41/22 |

| Main Panel 2645 CAPE EDWARD TO LISIANSKI STRAIT. Page/Side: N/A   | Noc     |      |
|---|---------|------|
| LAST EDITION No new editions of chart 17321 will be published. It will be canceled on<br>01-Feb-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | NOS<br> |      |
| 17322 11th Ed. 01-MAY-14 Last LNM: 12/16 NAD 83<br>ChartTitle: Khaz Bay, Chichagof Island Elbow Passage<br>Main Panel 2646 WEST COAST OF CHICHAGOF ISLAND KHAZ BAY. Page/Side: N  |         | 1/22 |
| LAST EDITION No new editions of chart 17322 will be published. It will be canceled on<br>01-Feb-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |         |      |
| 17325 10th Ed. 01-MAR-15 Last LNM: 12/15 NAD 83<br>ChartTitle: South and West Coasts of Kruzof Island   | 4       | 1/22 |
| Main Panel 2653 SOUTH AND WEST COASTS OF KRUZOF ISLAND. Page/Side: A  | NOS     |      |
| LAST EDITION No new editions of chart 17325 will be published. It will be canceled on<br>01-Feb-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |         |      |
| 17328 8th Ed. 01-NOV-11 Last LNM: 22/11 NAD 83<br>ChartTitle: Snipe Bay to Crawfish Inlet,Baranof I.<br>Main Panel 2659 BARANOF ISLAND SNIPE BAY TO CRAWFISH INLET. Page/Side:  |         | 1/22 |
| •   | NOS     |      |
| LAST EDITION No new editions of chart 17328 will be published. It will be canceled on<br>01-Feb-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. |         |      |
| 17330 10th Ed. 01-MAR-15 Last LNM: 10/15 NAD 83<br>ChartTitle: West Coast of Baranof Island Cape Ommaney to Byron Bay<br>Main Panel 2661 CAPE OMMANEY TO BYRON BAY. Page/Side: A  | 41      | 1/22 |
| LAST EDITION No new editions of chart 17330 will be published. It will be canceled on   | NOS     |      |
| 01-Feb-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.  |         |      |
| 17331 9th Ed. 01-MAR-13 Last LNM: 16/15 NAD 83  | 4       | 1/22 |
| ChartTitle: Chatham Strait Ports Alexander, Conclusion, and Armstrong<br>Main Panel 2663 PORTS ALEXANDER CONCLUSION AND ARMSTRONG. Page/Sic   |         |      |
| LAST EDITION No new editions of chart 17331 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |      |
| 17333 10th Ed. 01-MAR-13 Last LNM: 17/13 NAD 83   | 41      | 1/22 |
| ChartTitle: Ports Herbert, Walter, Lucy and Armstrong<br>Main Panel 2664 PORTS HERBERT WALTER LUCY AND ARMSTRONG. Page/Side:  |         |      |
| LAST EDITION No new editions of chart 17333 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.             | NOS<br> |      |
| 17335 9th Ed. 01-MAR-13 Last LNM: 17/13 NAD 83<br>ChartTitle: Patterson Bay and Deep Cove   | 41      | 1/22 |
| Main Panel 2665 PATTERSON BAY AND DEEP COVE. Page/Side: N/A   | NOS     |      |

| 01-<br>(Ef<br>Na   | new editions of chart 1733<br>-Feb-23. Comparable or larg<br>NC) coverage is available. S<br>utical Charts" in Section I o<br>DAA charts is at https://www                         | ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A                                | vigational Chart<br>AA Paper and Raster<br>A list of all canceled                        |     |       |
|--|--|--|--|-----|-------|
| Strait;Herring I   |  | lerick Sound;Surprise  | e Hbr, and Murder Co   |     | 41/22 |
| 01-<br>(Ef<br>Na   | new editions of chart 1733<br>-Feb-23. Comparable or larg<br>VC) coverage is available. S<br>utical Charts" in Section I o<br>VAA charts is at https://www                         | ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A                                | vigational Chart<br>AA Paper and Raster<br>A list of all canceled                        | NOS |       |
|  | 01-MAR-12 Las<br>atham Strait Kelp Bay;Wa<br>ARM SPRING BAY CHAT   |  |  |     | 41/22 |
| 01-<br>(Ef<br>Na   | new editions of chart 1733<br>Feb-23. Comparable or larg<br>NC) coverage is available. S<br>utical Charts" in Section I o<br>DAA charts is at https://www                          | ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A                                | vigational Chart<br>AA Paper and Raster<br>A list of all canceled                        | NOS |       |
| 17338 15th Ed.<br>ChartTitle: Peril StrHoon<br>Main Panel 2675 I       | ••••••   | St LNM: 11/12  | NAD 83<br>IT. Page/Side: N/A   |     | 41/22 |
| LAST EDITION No<br>01-<br>(Et<br>Na                                    | new editions of chart 1733<br>Feb-23. Comparable or larg<br>NC) coverage is available. S<br>utical Charts" in Section I o<br>DAA charts is at https://www                          | 8 will be published. It ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A        | will be canceled on<br>vigational Chart<br>AA Paper and Raster<br>A list of all canceled | NOS |       |
| 17339 13th Ed.<br><i>ChartTitle:</i> Hood Bay and<br>Main Panel 2676 I |  | st LNM: 38/19<br>AHOO INLET. Page/S  | NAD 83<br>Side: N/A  |     | 41/22 |
| 01-<br>(Ef<br>Na   | new editions of chart 1733<br>Feb-23. Comparable or lar<br>NC) coverage is available. S<br>utical Charts" in Section I o<br>DAA charts is at https://www                           | ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A                                | vigational Chart<br>AA Paper and Raster<br>A list of all canceled                        | NOS |       |
|  | y and Chaik Bay, Chathar   |  | NAD 83   |     | 41/22 |
| LAST EDITION No<br>01-<br>(Et<br>Na                                    | WHITEWATER BAY AND (<br>new editions of chart 1734<br>-Feb-23. Comparable or larg<br>NC) coverage is available. S<br>utical Charts" in Section I o<br>DAA charts is at https://www | 1 will be published. It is<br>ger scale Electronic Nav<br>ee "Cancellation of NO,<br>f this LNM for details. A | will be canceled on<br>vigational Chart<br>AA Paper and Raster<br>A list of all canceled | NOS |       |
| 17362 11th Ed.<br><i>ChartTitle:</i> Gambier Bay, S<br>Main Panel 2681 |  | st LNM: 46/14<br>e: A  | NAD 83   |     | 41/22 |
| 01-<br>(Ef<br>Na   | new editions of chart 1736<br>Feb-23. Comparable or larg<br>VC) coverage is available. S<br>utical Charts" in Section I o<br>VAA charts is at https://www                          | ger scale Electronic Nav<br>ee "Cancellation of NO<br>f this LNM for details. A                                | vigational Chart<br>AA Paper and Raster<br>A list of all canceled                        | NOS |       |
| • •  | 01-MAY-14 Las<br>ederick Sound;Hobart and<br>YBUS BAY FREDERICK \$   | • • •  |  | NOS | 41/22 |
|  |  |  |  |     |       |

|               | No new editions of chart 17363 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              | er             |       |
|---------------|--|----------------|-------|
|               | Ed. 01-JUN-14 Last LNM: 25/14 NAD 83<br>i and Eliza Hbrs.;Fanshaw Bay and Cleveland Passage<br>4 WOEWODSKI AND ELIZA HARBORS. Page/Side: A   | NOS            | 41/22 |
| LAST EDITION  | No new editions of chart 17365 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              |                |       |
| •             | arragut, and Portage Bays, Frederick Sound   |                | 41/22 |
| Main Panel 26 | 36 THOMAS FARRAGUT AND PORTAGE BAYS. Page/Side: A  | NOS            |       |
| LAST EDITION  | No new editions of chart 17367 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              |                |       |
|               | d. 01-SEP-14 Last LNM: 09/22 NAD 83<br>-northern part, including Saginaw and Security Bays and Port Camo<br>37 KEKU STRAIT NORTHERN PART. Page/Side: A   | den;Kake Inset | 41/22 |
|               | -  | NOS            |       |
| LAST EDITION  | No new editions of chart 17368 will be published. It will be canceled on<br>01-Mar-23. Comparable or larger scale Electronic Navigational Chart<br>(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster<br>Nautical Charts" in Section I of this LNM for details. A list of all canceled<br>NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. | er             |       |
| -             | Ed. 01-APR-15 Last LNM: 15/15 NAD 83<br>Irs and Rowan Bay, Chatham Strait;Washington Bay, Chatham Strai<br>92 BAY OF PILLARS ROWAN AND WASHINGTON BAYS. Page/Side  |                | 41/22 |
| LAST EDITION  | No new editions of chart 17370 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              | er             |       |
|               | Ed. 01-DEC-11 Last LNM: 50/09 NAD 83<br>-Monte Carlo Island to Entrance Island;The Summit;Devils Elbow<br>94 CONTINUATION OF KEKU STRAIT. Page/Side: N/A   |                | 41/22 |
| LAST EDITION  | No new editions of chart 17372 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              | er             |       |
| •             | arrows;Petersburg Harbor   |                | 41/22 |
| Main Panel 26 | 88 CONTINUATION OF WRANGELL NARROWS. Page/Side: N/A  | NOS            |       |
| LAST EDITION  | No new editions of chart 17375 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raste Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.              |                |       |
|               | d. 01-OCT-12 Last LNM: 43/12 NAD 83<br>ay and Port Malmesbury<br>01 TEBENKOF BAY AND PORT MALMESBURY. Page/Side: N/A   |                | 41/22 |
|               | No new editions of chart 17376 will be published. It will be canceled on   | NOS            |       |

|  | 01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/                             | ble. See "Cancellation of<br>on I of this LNM for deta  | <sup>•</sup> NOAA Paper and Raster<br>ils. A list of all canceled                                      |                 |       |
|--|--|---|--|-----------------|-------|
| 17377 2nd E<br>ChartTitle: Le Conte E<br>Main Panel 29 | •••••••  | Last LNM: 18/14   | NAD 83<br>TE BAY. Page/Side: 1   |                 | 41/22 |
| LAST EDITION   | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                             | NOS<br>         |       |
|  | Ed. 01-MAY-14<br>ction, Prince of Wales Isl<br>02 PRINCE OF WALES I  |   | NAD 83<br>CTION. Page/Side: N/A  |                 | 41/22 |
| LAST EDITION   | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                             | NOS<br>         |       |
| 17379 2nd E<br>ChartTitle: Shakan Ba                   | •••••••  | Last LNM: 17/14   | NAD 83   |                 | 41/22 |
|  | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | 17379 will be published<br>or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta | . It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br>         |       |
| • •  | Ed. 01-MAR-15<br>Prince of Wales Island<br>03 RED BAY PRINCE O   | Last LNM: 10/15<br>F WALES ISLAND. Pa   | NAD 83<br>ge/Side: A   |                 | 41/22 |
| LAST EDITION   | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta                            | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                             | NOS<br>         |       |
| 17383 4th E<br>ChartTitle: Snow Pass<br>Main Panel 29  | •••••••  | Last LNM: 21/16<br>ASKA, Page/Side: A   | NAD 83   |                 | 41/22 |
|  | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | 17383 will be published<br>or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta | Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                             | NOS<br>         |       |
| 17386 5th E<br>ChartTitle: Sumner St<br>Main Panel 27  |  | Last LNM: 36/19<br>DUTHERN PART. Page   | NAD 83<br>9/Side: N/A  |                 | 41/22 |
|  | No new editions of chart<br>01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sectio<br>NOAA charts is at https:/ | 17386 will be published<br>or larger scale Electronic<br>ble. See "Cancellation of<br>on I of this LNM for deta | . It will be canceled on<br>Navigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled | NOS<br>         |       |
|  | d Shipley Bays and Part  |   | NAD 83<br>;El Capitan Pasage, Dry<br>DF EL CAPITAN PASSAG  | E. Page/Side: A | 41/22 |
| LAST EDITION   | No new editions of chart<br>01-Mar-23. Comparable  |   |  | NOS<br>         |       |

|                                      | Nautical Charts" in Sect  | able. See "Cancellation o<br>ion I of this LNM for deta<br>://www.charts.noaa.gov/ |   |                      |       |
|--------------------------------------|---|--|---|----------------------|-------|
| 17401 13th                           | Ed. 01-MAR-15   | Last LNM: 12/15  | NAD 83  |                      | 41/22 |
|                                      | and approaches, Claren  |  |   |                      |       |
| Main Panel 27                        | 16 LAKE BAY AND AP  | PROACHES CLARENC   | E STRAIT. Page/Side: A  | NOS                  |       |
| LAST EDITION                         | (ENC) coverage is availa<br>Nautical Charts" in Sect                          | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled |                      |       |
| 17402 12th<br>ChartTitle: Southern I | Ed. 01-DEC-10<br>Entrances to Sumner St                                       | Last LNM: 36/19<br>rait  | NAD 83  |                      | 41/22 |
| Main Panel 27                        | 17 SOUTHERN ENTRA   | NCES TO SUMNER STR   | RAIT. Page/Side: N/A  | NOS                  |       |
| LAST EDITION                         | (ENC) coverage is availa<br>Nautical Charts" in Sect                          | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled |                      |       |
| 17403 15th                           | •••••••••••••••••••••••••••••••••••••••                                       | Last LNM: 17/14  | NAD 83  |                      | 41/22 |
|                                      | Inlet and Sea Otter Sour  |  | D. Bago/Sido: N/A   |                      |       |
| Main Panel 27                        | 18 DAVIDSON INLET A   | ND SEA OTTER SOUN  | D. Page/Side: N/A   | NOS                  |       |
| LAST EDITION                         | (ENC) coverage is availa<br>Nautical Charts" in Sect                          | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled |                      |       |
|                                      | Ed. 01-OCT-13<br>oval Channel to Cape L<br>20 SAN CHRISTOVAL (                | •  | NAD 83<br>NCH. Page/Side: N/A   |                      | 41/22 |
|                                      | No new editions of char   | + 17404 will be publiched  | t It will be canceled on  | NOS                  |       |
| LAST EDITION                         | 01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sect | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled | _                    | -     |
| 17405 17th                           |   | Last LNM: 46/19  | NAD 83  |                      | 41/22 |
|                                      |   |  | , Big Salt Lake;Shelter C<br>HANNEL. Page/Side: N/                              |                      |       |
|                                      | No new editions of char   | t 17405 will be publiched  | . It will be canceled on  | NOS                  |       |
|                                      | 01-Mar-23. Comparable<br>(ENC) coverage is availa<br>Nautical Charts" in Sect | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled |                      |       |
| •                                    | es, and Luluislands and   | •  | NAD 83  |                      | 41/22 |
| Main Panel 27                        | 25 BAKER NOTES AND  | D LULU ISLANDS AND   | ADJACENT WATERS. P  | Age/Side: N/A<br>NOS |       |
| LAST EDITION                         | (ENC) coverage is availa<br>Nautical Charts" in Sect                          | or larger scale Electroni  | c Navigational Chart<br>f NOAA Paper and Raster<br>ails. A list of all canceled |                      |       |
| •                                    | oart of Tlevak Strait and   |  | NAD 83<br>D ULLOA CHANNEL. Pa   | ae/Side: A           | 41/22 |
|                                      |   |  |   | NOS                  |       |
| LAST EDITION                         |   | or larger scale Electroni  |   |                      |       |

|   |   | n I of this LNM for details<br>www.charts.noaa.gov/M  |  |         |                  |
|---|---|---|--|---------|------------------|
| 17422 10th Ed<br><i>ChartTitle:</i> Behm Canal-<br>Main Panel 2730  | western part;Yes Bay  | Last LNM: 32/18<br>3EHM CANAL. Page/Sid   | NAD 83<br>de: A  |         | 41/22            |
| 0<br>(I<br>N  | 1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section                             | 17422 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled                           | NOS<br> |                  |
| Bay, Revillag   | s-Clarence Strait and E<br>igedo Island;Tolstoi an  | Last LNM: 19/14<br>Sehm Canal Dewey Anc<br>d Thorne Bays, Prince<br>E OF WALES ISLAND.  | of Wales Is.;Union Bay   |         | 41/22<br>nd;Naha |
| 0<br>(I<br>N  | 1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section                             | 17423 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled                           | NOS<br> |                  |
| 17424 9th Ed.<br>ChartTitle: Behm Canal-                            | •   | Last LNM: 17/14<br>EHM CANAL. Page/Sic  | NAD 83   |         | 41/22            |
| LAST EDITION N<br>0<br>(I<br>N                                      | lo new editions of chart<br>1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section | 17424 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | It will be canceled on<br>Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled | NOS<br> |                  |
| 17425 7th Ed.<br><i>ChartTitle:</i> Portland Can<br>Main Panel 2738 |   | Last LNM: 21/15<br>d<br>IORTH OF HATTIE ISLA  | NAD 83<br>AND. Page/Side: A  |         | 41/22            |
| 0<br>(I<br>N  | 1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section                             | 17425 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled                           | NOS<br> |                  |
| 17426 16th Ed<br><i>ChartTitle:</i> Kasaan Bay,<br>Main Panel 2739  | Clarence Strait;Hollis  | Last LNM: 23/16<br>Anchorage, eastern part<br>E OF WALES ISLAND.  |  | NGC     | 41/22            |
| 0<br>(I<br>N  | 1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section                             | 17426 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled                           | NOS<br> |                  |
| 17427 8th Ed.<br>ChartTitle: Portland Can<br>Main Panel 2742        |   | Last LNM: 07/22<br>Hattie I.<br>IXON ENTRANCE TO H  | NAD 83   |         | 41/22            |
| 0<br>(I<br>N  | 1-Mar-23. Comparable o<br>ENC) coverage is availab<br>lautical Charts" in Section                             | 17427 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N<br>n I of this LNM for details<br>www.charts.noaa.gov/M | Navigational Chart<br>IOAA Paper and Raster<br>5. A list of all canceled                           | NOS<br> |                  |
| 17431 12th Ed<br>ChartTitle: N. end of Cor<br>Main Panel 2749       | dova Bay and Hetta Inl  | Last LNM: 34/20<br>et<br>DOVA BAY AND HETTA   | NAD 83   |         | 41/22            |
| LAST EDITION N<br>0   | lo new editions of chart<br>1-Mar-23. Comparable o  | 17431 will be published. I<br>r larger scale Electronic N<br>le. See "Cancellation of N   | It will be canceled on<br>Navigational Chart   | NOS<br> |                  |

| <u>Approved F</u><br>None   | Project(s)  |  |   |   |                            | Project Date         | <u>Ref. LNM</u>  |
|-----------------------------|---|--|---|---|----------------------------|----------------------|------------------|
| This see                    | ction contains adva                                 |  | roved projects, changes to<br>ariners are advised to use  | VANCE NOTICES<br>o aids to navigation, or up<br>caution while transiting the<br>NCED APPROVED PRO | nese areas.                | orary changes such a | s dredging, etc. |
| Latitude<br>None            | Longitude   | Block  | <u>Rigs/Vessel</u>  | <u>Chart</u>  | Туре                       | <u>Status</u>        |                  |
|                             |   |  | Drill Rigs  | /Vessels Established  |                            |                      |                  |
| None                        | Longitude   | DIUCK  | 1193/ 403301  |   | <u>- , pc</u>              | <u>-5tatus</u>       |                  |
| Latitude                    | Longitude   | Block  | Drill Rig<br>Rigs/Vessel  | s/Vessels Removed<br>Chart  | Туре                       | Status               |                  |
|                             |   |  |   | <b>MOVEMENT</b>   |                            |                      |                  |
| LAS                         | 01-Ma<br>(ENC)<br>Nauti                             | ar-23. Comparable<br>) coverage is availa<br>cal Charts" in Sect | t 17437 will be published<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for deta<br>://www.charts.noaa.gov/l | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                        | NOS<br>                    |                      |                  |
|                             | 11th Ed.<br>Portland Inlet to I<br>in Panel 2761 PO | •  | Last LNM: 07/22<br>TO NAKAT BAY Pag   | NAD 83<br>e/Side: -   |                            |                      | 41/22            |
| LAS                         | 01-Ma<br>(ENC)<br>Nauti                             | ar-23. Comparable<br>) coverage is availa<br>cal Charts" in Sect | t 17436 will be published<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for deta<br>://www.charts.noaa.gov/l | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                        |                            |                      |                  |
|                             | •   | •  | OUND & SKOWL ARM.   | Page/Side: A  | NOS                        |                      |                  |
| <b>17436</b><br>ChartTitle: | 10th Ed.<br>Clarence Strait. C                      | 01-JUN-14<br>Cholmondeley So                                     | Last LNM: 32/18<br>und and Skowl Arm  | NAD 83  |                            |                      | 41/22            |
| LAS                         | 01-Ma<br>(ENC)<br>Nauti                             | ar-23. Comparable<br>) coverage is availa<br>cal Charts" in Sect | t 17435 will be published<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for deta<br>://www.charts.noaa.gov/l | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                        |                            |                      |                  |
|                             | 17th Ed.<br>Harbors in Clarer<br>in Panel 2849 PO   |  |   | NAD 83<br>amgas Harbor, Annette I   | <b>sland;Metlak</b><br>NOS | xatla Harbor         | 41/22            |
| LAS                         | 01-Ma<br>(ENC)<br>Nauti                             | ar-23. Comparable<br>) coverage is availa<br>cal Charts" in Sect | t 17432 will be published<br>or larger scale Electronic<br>able. See "Cancellation of<br>ion I of this LNM for deta<br>://www.charts.noaa.gov/l | Novigational Chart<br>NOAA Paper and Raster<br>ils. A list of all canceled                        |                            |                      |                  |
| Ма                          | in Panel 2751 CL                                    | ARENCE STRAIT  | AND MOIRA SOUND.  | Page/Side: A  | NOS                        |                      |                  |
| <b>17432</b><br>ChartTitle: | 8th Ed.<br>Clarence Strait a                        | 01-MAR-15<br>nd Moira Sound                                      | Last LNM: 06/18   | NAD 83  |                            |                      | 41/22            |
|                             |   |  | ://www.charts.noaa.gov/l  |   |                            |                      |                  |

Nautical Charts" in Section I of this LNM for details. A list of all canceled

Advance Notice(s)

690 ALASKA – SOUTHEAST – SITKA

The Coast Guard intends to rename and upgrade Japonski Island Buoy 2 (LLNR 25025.51) to Japonski Island Lighted Buoy 2 (LLNR 25025.51) with a red flash every 4 seconds (R 4s). Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

#### SECTION VI - PROPOSED CHANGES

Periodically, the Coast Guard evaluates its system of aids to navigation to determine whether the conditions for which the aids to navigation were established have changed. When changes occur, the feasibility of improving, relocating, replacing, or discontinuing aids are considered. This section contains notice(s) of non-approved, proposed projects open for comment. SPECIAL NOTE: Mariners are requested to respond in writing to the District office unless otherwise noted (see banner page for address).

#### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Closing

Docket No.

The U.S. Army Corp of Engineers has contracted with Manson Construction Co. to conduct dredging operations in the Port of Anchorage and Cook Inlet Navigation Channel in approximate position 61°14.5'N, 149°53.3'W from April 1st through November 1st, 2022. Dredged material will be disposed of in approximate position 61°14.3'N, 149°56.5'W. Dredging will be conducted by the Dredge WESTPORT and the GLADYS M. Both vessels will be monitoring VHF/FM Channels 8, 13, 16, and 66. A temporary mooring buoy has been established in position 61°13.216'N, 149°56.175'W for the duration of the project. Questions/concerns should be directed to the project manager, Jeremy Cook, at 904-557-4356.

INM: 14/22

## PUBLICATION CORRECTIONS None ENCLOSURES ALASKA - SOUTHCENTRAL/ALEUTIAN PENINSULA 3022 Undersea Cable.pdf A subsurface cable installation between Kodiak Island and Dutch Harbor. LNM: 30/22 ALASKA 4022 Subsurface Moorings.pdf Compilation of Subsurface and Surface oceanography moorings properly reported to U.S. Coast Guard District 17. LNM: 40/22 ALASKA - SOUTHWESTERN - BERING SEA, ALEUTIAN ISLANDS, PACIFIC OCEAN 3922 Saildrone.pdf Saildrone survey of the Aleutian Basin. LNM: 39/22

Proposed Project(s)

None

430

#### Proposed Change Notice(s)

requested to provide recommendations on locations that would facilitate safe navigation within Golovin Bay. Questions/concerns should be

ALASKA - WESTERN - NORTON SOUND - GOLOVIN BAY The Coast Guard is proposing adding navigational aids within Golovin Bay. These aids may include Lights, Daybeacons, or buoys. Mariners are

directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 26/18

**SECTION VII - GENERAL** This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

#### ALASKA – SOUTHCENTRAL – PORT OF ANCHORAGE

## SECTION VIII - LIGHT LIST CORRECTIONS

An Asterisk \*, indicates the column in which a correction has been made to new information

| (1)  | (2)               | (3)      | (4)            | (5)    | (6)   | (7)       | (8)     |
|------|-------------------|----------|----------------|--------|-------|-----------|---------|
| No.  | Name and Location | Position | Characteristic | Height | Range | Structure | Remarks |
| None |                   |          |                |        |       |           |         |

LNM: 38/20

Ref. LNM

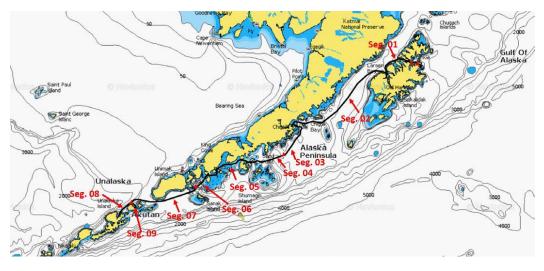
4122 AMSEA.pdf AMSEA Maritime Training

LNM: 41/22

Michael D. Newell Waterways Management Branch Seventeenth Coast Guard District OPERATIONAL EXCELLENCE THROUGH LEADERSHIP, TEAMWORK, AND INNOVATION.

## Undersea Cable Installation

A subsurface cable will be installed between Mill Bay, Kodiak Island, approximately 58°00'N, 152°05'W, and Dutch Harbor, Unalaska Island, approximately 54°00'N, 166°20'W. The cable laying operations will be conducted 24 hours a day, 7 days a week, from July 18<sup>th</sup> through October 15<sup>th</sup>, 2022, subject to weather and sea state, by the M/V IT INTREPID and the M/V IT INTEGRITY. The M/V IT INTREPID is 380 feet in length, blue with a white superstructure. The M/V IT INTEGRITY is 236 feet in length, blue hull with a white superstructure. Both vessels will be monitoring VHF/FM channel 16. Mariners are requested to maintain a 1,000 meter CPA when cable laying operations are being conducted. Questions/concerns should be directed to Alaska Maritime Agencies at 907-562-8808 or by email to ancops@alaskamaritime.com.



Chartlet of approximate cable route





M/V IT INTREPID

M/V IT INTEGRITY

This is the current compilation of all subsurface and surface oceanographic moorings that have been reported to the U.S. Coast Guard District 17 Waterways Branch. The name, type, location, depth, water depth, and a Point of Contact for all data buoys, surface and subsurface, shall be reported as quickly as is practical if they are placed within the navigable waters (within 200 nm) of the United States. Data buoys placed in the Arctic region but outside of 200 nm of the United States may be reported and will be included in this compilation (for informational purposes only). This notification process is for inclusion in the Local Notice to Mariners to provide navigational information to mariners and does not supersede any permission or permitting requirements. Any notifications, corrections, additions, deletions, or comments for the Alaska region (Coast Guard District 17) or the Arctic region should be submitted via e-mail to <u>smb-d17juneau-Inm@uscg.mil</u> or to Todd Buck, USCG D17(dpw), at 907-463-2269 or by email to <u>todd.r.buck@uscg.mil</u>. This compilation is as current as the Local Notice to Mariners (LNM) included in as an enclosure. The referenced LNM may have additional information and indicates the last time an entry was updated.

#### ALASKA – ARCTIC OCEAN

71°12.212'N, 158°00.722'W

71°02.591'N, 160°29.706'W

19CKP-5A 19CKP-4A

| TYPE/NAME:  | POSITION:                             | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                             |
|-------------|---------------------------------------|--------------|------------------|-----------|----------------------------------|
| N/A         | 72°27.655'N, 157°23.774'W             | 780 feet     | 731 feet         | 39/10     | Ethan Roth ehroth@ucsd.edu       |
| N/A         | 72° 47.939'N, 158°23.941'W            | 1,066 feet   | 1,017 feet       | 39/10     | Ethan Roth ehroth@ucsd.edu       |
| N/A         | 72°07.275'N, 160"29.698'W             | 131 feet     | 115 feet         | 35/12     | Thomas Weingartner 907-474-7993  |
| N/A         | · · · · · · · · · · · · · · · · · · · | 167 feet     | 85 feet          | 35/12     |                                  |
|             | 72°09.747'N, 159°07.349'W             |              |                  |           | Thomas Weingartner 907-474-7993  |
| N/A         | 72°10.875'N, 159°33.117'W             | 184 feet     | 95 feet          | 35/12     | Thomas Weingartner 907-474-7993  |
| N/A         | 72°41.745'N, 164°31.935'W             | N/A          | 151 feet         | 35/12     | N/A                              |
| N/A         | 72°31.517'N, 164°05.944'W             | N/A          | 164 feet         | 35/12     | N/A                              |
| N/A         | 72°16.850'N, 163°32.034'W             | N/A          | 131 feet         | 35/12     | N/A                              |
| HARP C2     | 72° 48.154'N, 158°25.384'W            | 1,062 feet   | 979 feet         | 48/15     | Josh Jones 858-822-1836          |
| HARP D      | 72° 36.925'N, 158°42.177'W            | 323 feet     | 237 feet         | 48/15     | Josh Jones 858-822-1836          |
| AIM16-1     | 75°06.003'N, 168°00.004'W             | 535 feet     | 142 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| 20CKP9A     | 72°28.210'N, 156°33.510'W             | 3,199 feet   | 1,280 feet       | 38/20     | David Strausz 206-526-4510       |
|             |                                       |              |                  |           |                                  |
| NAP-20t     | 74°31.370'N, 161°55.880'W             | 5,528 feet   | 141 feet         | 42/20     | Motoyo ITOH +81-46-867-9488      |
| AMOS-VLF-1  | 77°29.600'N, 140°10.800'W             | 12,264 feet  | 230 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-C      | 76°24.800'N, 142°28.200'W             | 12,326 feet  | 131 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-NW     | 76°08.800'N, 145°17.000'W             | 12,441 feet  | 328 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-NE     | 75°46.400'N, 141°30.800'W             | 12,251 feet  | 328 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-B      | 75°30.000'N, 144°08.400'W             | 12,379 feet  | 328 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-SE     | 74°52.500'N, 143°05.200'W             | 12,241 feet  | 328 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
| AMOS-SW     | 75°13.000'N, 146°40.600'W             | 12,464 feet  | 328 feet         | 35/22     | Craig Lee, craiglee@uw/edu       |
|             |                                       | · ·          |                  | 35/22     |                                  |
| AMOS-A      | 74°35.300'N, 145°32.700'W             | 12,339 feet  | 131 feet         | 55/22     | Craig Lee, craiglee@uw/edu       |
| CINIDI DE   |                                       |              |                  |           |                                  |
| CANADA – BE | CAUFORT SEA                           |              |                  |           |                                  |
|             |                                       |              |                  |           |                                  |
| TYPE/NAME:  | POSITION:                             | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                             |
| ACW16-30    | 68°59.173'N, 105°53.030'W             | 242 feet     | 231 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| CB12        | 70°33.770'N, 127°41.710'W             | 125 feet     | 116 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| IBO16-1a    | 70°20.031'N, 133°44.369'W             | 180 feet     | 171 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| IBO16-1b    | 70°20.035'N, 133°44.452'W             | 180 feet     | 171 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| IBO16-2     |                                       | 365 feet     | 146 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
|             | 70°59.359'N, 133°44.636'W             |              |                  |           |                                  |
| IBO16-9a    | 70°03.534'N, 133°42.918'W             | 116 feet     | 106 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| IBO16-9b    | 70°03.501'N, 133°42.937'W             | 116 feet     | 106 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| SIC16-11    | 69°46.483'N, 137°02.757'W             | 117 feet     | 107 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
| HI16        | 69°39.284'N, 138°55.279'W             | 134 feet     | 125 feet         | 44/16     | Dr. Humfrey Melling 250-363-6552 |
|             |                                       |              |                  |           |                                  |
| ALASKA – BE | AUFORT SEA                            |              |                  |           |                                  |
|             |                                       |              |                  |           |                                  |
| TYPE/NAME:  | POSITION:                             | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                             |
| N/A         | 71°35.980'N, 161°30.3221'W            | 151 feet     | 111 feet         | 48/14     | David Leech 907-224-4319         |
| AON-BS3     | 71°23.659'N, 152°03.046'W             | 482 feet     | 115 feet         | 49/14     | Dr. Robert Pickart 508-289-2858  |
| UPE120      | 71°12.338'N, 148°48.018'W             | 402 feet     | 374 feet         | 49/17     | Steve Okkonen 907-283-3234       |
| WAVE SS-1   | ·                                     |              | Surface          | 29/18     | Jeremy Kasper 907-371-6510       |
|             | 70°29'16.8864"N, 147°30'00.3528"N     |              |                  |           | Carmen Lawrence 902-405-3336     |
| ODAS-1      | 70°24.889'N, 147°39.206'W             | 26 feet      | 24 feet          | 30/19     |                                  |
| ODAS-2      | 70°16.663'N, 147°35.493'W             | 19 feet      | 17 feet          | 30/19     | Carmen Lawrence 902-405-3336     |
| BCE-19      | 71°40.368'N, 154°59.923'W             | 344 feet     | 131 feet         | 42/19     | Motoyo ITOH +81-46-867-9488      |
| BCC-19      | 71°44.049'N, 155°09.624'W             | 951 feet     | 131 feet         | 42/19     | Motoyo ITOH +81-46-867-9488      |
| BCW-19      | 71°47.766'N, 155°20.777'W             | 554 feet     | 131 feet         | 42/19     | Motoyo ITOH +81-46-867-9488      |
| AL20-AU-BF2 | 71°45.220'N, 154°28.070'W             | 335 feet     | 308 feet         | 38/20     | Catherine Berchok 206-526-6331   |
| Prudhoe     | 70°50.085'N, 146°23.564'W             | 207 feet     | 191 feet         | 03/22     | Steve Okkonen 907-283-3234       |
| -           | ,                                     |              |                  |           |                                  |
| ALASKA – CH | IUKCHI SEA                            |              |                  |           |                                  |
|             |                                       |              |                  |           |                                  |
| TYPE/NAME:  | POSITION:                             | WATER DEPTH. | TOP FLOAT DEPTH: | Ref. LNM: | POC:                             |
| Unnamed     | 71°14.459'N, 164°18.067'W             | 138 feet     | Surface          | 28/15     | Noah Lawrence 206-526-6209       |
|             | ·                                     |              |                  |           |                                  |
| 2015MARU_2  | 71°29.792'N, 163°11.449'W             | 144 feet     | 140 feet         | 40/15     | Catherine Berchok 206-526-6331   |
| CEM1-19     | 71°35.971'N, 161°30.419'W             | 154 feet     | 108 feet         | 35/19     | Peter Shipton 907-224-4319       |
| CEM2-19     | 71°35.979'N, 161°31.648'W             | 154 feet     | 108 feet         | 35/19     | Peter Shipton 907-224-4319       |
| 10CVD 5 A   | 71012 212:31 150000 722:334           | 157.0 4      | 121.0 /          | 25/10     | D 100 200 525 4510               |

157 feet

171 feet

131 feet

138 feet

35/19

35/19

David Strausz 206-525-4510

David Strausz 206-525-4510

#### ALASKA – CHUKCHI SEA (Continued)

| TYPE/NAME:  | POSITION:  | WATER DEPTH:  | TOP FLOAT DEPTH:  | Ref. LNM:   | POC:   |
|---|--|---|---|---|--|
| 19CKP-3A  | 71°49.486'N, 166°03.560'W  | 151 feet  | 125 feet  | 35/19   | David Strausz 206-525-4510   |
| AL19-AU-IC3   | 71°49.728'N, 166°03.993'W  | 151 feet  | 121 feet  | 35/19   | Catherine Berchok 206-526-6331   |
| 20CKP-12A   | 67°54.820'N, 168°11.830'W  | 195 feet  | 161 feet  | 38/20   | David Strausz 206-526-4510   |
| 20CKITAER-12A   | 67°54.290'N, 168°11.510'W  | 196 feet  | 115 feet  | 38/20   | David Strausz 206-526-4510   |
| 20CK-1A   | 70°00.000'N, 163°00.000'W  | 125 feet  | 112 feet  | 38/20   | David Strausz 206-526-4510   |
| 20CKP-2A  | 71°13.180'N, 164.14.830'W  | 146 feet  | 128 feet  | 38/20   | David Strausz 206-526-4510   |
| AL20-AU-CL1   | 69°18.880'N, 167°36.650'W  | 167 feet  | 141 feet  | 38/20   | Catherine Berchok 206-526-6331   |
| AL20-AU-IC1   | 70°50.160'N, 163°07.100'W  | 148 feet  | 121 feet  | 38/20   | Catherine Berchok 206-526-6331   |
| AL20-AU-PH1   | 67°54.507'N, 168°11.926'W  | 171 feet  | 138 feet  | 49/21   | Catherine Berchok 206-526-6331   |
| AL21-AU-WT1   | 71°02.470'N, 160°30.330'W  | 164 feet  | 135 feet  | 49/21   | Catherine Berchok 206-526-6331   |
| AL21-AU-IC2   | 71°12.882'N, 164°14.911'W  | 144 feet  | 115 feet  | 49/21   | Catherine Berchok 206-526-6331   |
|   | · · · · · · · · · · · · · · · · · · ·  | 230 feet  | 214 feet  | 03/22   | Steve Okkonen 907-283-3234   |
| W. Barrow Canyon<br>WhoopDeeDo  | 71°37.868'N, 157°19.576'W  | 269 feet  | 214 feet<br>253 feet  | 03/22   | Steve Okkonen 907-283-3234<br>Steve Okkonen 907-283-3234   |
| whoopDeeDo  | 71°25.327'N, 152°44.103'W  | 209 1001  | 255 1001  | 03/22   | Steve Okkollell 907-285-5254   |
| ALASKA – KOTZ   | EBUE SOUND   |   |   |   |  |
|   |  |   |   |   |  |
| TYPE/NAME:  | POSITION:  | WATER DEPTH:  | TOP FLOAT DEPTH:  | Ref. LNM:   | POC:   |
| OTZ-N   | 67°6.791'N, 163°46.328'W   | 37 feet   | 27 feet   | 48/14   | Dr. Manuel Castellote 206-526-6866   |
| OTZ-M   | 67°5.148'N, 163°48.282'W   | 58 feet   | 48 feet   | 48/14   | Dr. Manuel Castellote 206-526-6866   |
| OTZ-S   | 67°3.365'N, 163°48.699'W   | 60 feet   | 50 feet   | 48/14   | Dr. Manuel Castellote 206-526-6866   |
| OTZ-Ch  | 66°14.346'N, 166°51.926'W  | 51 feet   | 41 feet   | 48/14   | Dr. Manuel Castellote 206-526-6866   |
|   |  |   |   |   |  |
| ALASKA – BERIN  | G STRAIT   |   |   |   |  |
| TYPE/NAME:  | POSITION:  | WATER DEPTH:  | TOP FLOAT DEPTH:  | Ref. LNM:   | POC:   |
| AOOS-AXYS   | 65°00.700'N, 169°27.23'W   |   | Surface   | 30/15   | Darcy Dugan 907-644-6718   |
| NB-17t  | 65°03.884'N, 169°38.045'W  | 171 feet  | 89 feet   | 29/17   | Makoto Sampei +81-138-40-8844  |
| BS-17t  | 66°16.075'N, 168°54.098'W  | 187 feet  | 105 feet  | 29/17   | Makoto Sampei +81-138-40-8844  |
| A2-21   | 65°46.850'N, 168°34.090'W  | 187 feet  | 49 feet   | 29/21   | Rebecca Woodgate 206-221-3268  |
| A3-21   | 66°19.640'N, 168°56.990'W  | 194 feet  | 23 feet   | 29/21   | Rebecca Woodgate 206-221-3268  |
| A4-21   | 65°44.740'N, 168°15.770'W  | 164 feet  | 49 feet   | 29/21   | Rebecca Woodgate 206-221-3268  |
| ALASKA – NORT   | ON SOUND   |   |   |   | -  |
|   |  |   |   |   |  |
|   | D C CTURY C L Y  |   |   |   |  |
| TYPE/NAME:  | POSITION:  |   | TOP FLOAT DEPTH:  | Ref. LNM:   | POC:   |
| TYPE/NAME:<br>Station-241   | POSITION:<br>64°28.365'N, 165°28.525'W   | WATER DEPTH:<br>66 feet   | TOP FLOAT DEPTH:<br>Surface   | Ref. LNM: 36/20   | POC:<br>James Behrens 858-534-3032   |
|   | 64°28.365'N, 165°28.525'W  |   |   |   |  |
| Station-241<br>ALASKA – BERIN   | 64°28.365'N, 165°28.525'W<br>I <b>G SEA</b>  | 66 feet   | Surface   | 36/20   | James Behrens 858-534-3032   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:   | 64°28.365'N, 165°28.525'W<br>I <b>G SEA</b><br>POSITION:   | 66 feet<br>WATER DEPTH:   | Surface<br>TOP FLOAT DEPTH:   | 36/20<br>Ref. LNM:  | James Behrens 858-534-3032<br>POC:   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy  | 64°28.365'N, 165°28.525'W<br>IG SEA<br>POSITION:<br>58°28.015'N, 162°04.779'W  | 66 feet<br>WATER DEPTH:<br>126 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface  | 36/20<br>Ref. LNM:<br>25/19   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6   | 64°28.365'N, 165°28.525'W<br>IG SEA<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A  | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A  | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet   | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18  | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725  |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19  | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A   | 64°28.365'N, 165°28.525'W<br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01   | 64°28.365'N, 165°28.525'W<br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-UM01   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>20/22<br>25/22<br>25/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-UM01<br>AL22-AU-BS10   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>302 feet<br>328 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-4531<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-DK10<br>AL22-AU-BS10<br>AL22-AU-BS11   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>328 feet<br>108 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A  | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>61°11.760'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet   | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4539   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>243 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>233 feet<br>240 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 164°03.693W<br>56°51.818'N, 164°03.693W<br>56°51.818'N, 164°03.693W<br>56°57.760'N, 168°18.767'W<br>56°07.760'N, 166°14.707'W<br>56°09.702'N, 166°34.707'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>233 feet<br>240 feet<br>200 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-DS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A  | 64°28.365'N, 165°28.525'W<br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>56°51.818'N, 164°03.693W<br>56°07.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface   | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510  |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A<br>22BSITAEFPR-14A   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°50.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.002'N, 167°54.718'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>Surface<br>121 feet   | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510  |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A<br>22BSP-14A   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.02'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°54.701'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>Surface<br>121 feet<br>89 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSITAEFPR-14A<br>22BSP-14A<br>22BSP-14A   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>46°00.188'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.262'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported<br>241 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510   |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A<br>22BSP-14A   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.02'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°54.701'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>505 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>Surface<br>121 feet<br>89 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-4531<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 20 |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSITAEFPR-14A<br>22BSP-14A<br>22BSP-14A   | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>46°00.188'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.262'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported<br>241 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet  | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510   |
| Station-241<br><b>ALASKA – BERIN</b><br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSITAEFPR-14A<br>22BSITAEFRP-14A<br>22BSP-14A<br>22BSP-4A  | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.012'N, 167°54.718'W<br>64°00.188'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.262'W<br>57°52.071'N, 168°53.379'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>240 feet<br>121 feet<br>121 feet<br>Unreported<br>241 feet<br>241 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet   | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-4531<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 20 |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSTAEFPR-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-4A<br>22BSP-4A<br>22BS-5A   | 64°28.365'N, 165°28.525'W<br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.088'N, 167°54.701'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.379'W<br>59°54.747'W, 171°43.379'W  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>121 feet<br>121 feet<br>241 feet<br>241 feet<br>240 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet<br>46 feet                                    | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22   | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-4531<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 20 |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFRP-14A<br>22BSP-14A<br>22BSP-4A<br>22BSP-4A<br>22BSP-4A<br>22BSP-5A   | 64°28.365'N, 165°28.525'W<br>IG SEA<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>56°07.760'N, 168°18.767'W<br>56°07.760'N, 168°18.767'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>46°00.022'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.262'W<br>57°52.2071'N, 168°53.379'W<br>59°54.747'W, 171°43.379'W<br>59°43.525'N, 171°43.440'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>243 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported<br>241 feet<br>240 feet<br>240 feet<br>241 feet | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>200 feet<br>46 feet<br>197 feet                      | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-4531<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-451 |
| Station-241<br><b>ALASKA – BERIN</b><br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSITAEFRP-14A<br>22BSP-14A<br>22BSP-5A<br>22BSP-5A<br>22BSITAER-8A   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 168°17.361'W<br>58°24.700'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>46°00.188'N, 167°54.718'W<br>63°59.977'N, 167°55.523'W<br>57°52.291'N, 168°53.362'W<br>57°52.2071'N, 168°53.379'W<br>59°54.747'W, 171°43.379'W<br>59°43.525'N, 171°43.440'W<br>62°11.896'N, 174°39.756'W   | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>233 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>Unreported<br>241 feet<br>240 feet<br>239 feet<br>251 feet<br>250 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>302 feet<br>302 feet<br>303 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet<br>46 feet<br>197 feet<br>59 feet | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22  | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4510<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510 |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-4A<br>22BSP-5A<br>22BSITAER-8A<br>ALASKA – SOUTI   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°4.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.02'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°54.718'W<br>59°54.747'W, 171°43.379'W<br>59°43.525'N, 171°43.440'W<br>62°12.107'N, 174°39.664'W<br><b>IWESTERN – UNIMAK PASS</b>  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>121 feet<br>241 feet<br>241 feet<br>241 feet<br>241 feet<br>251 feet<br>250 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet<br>46 feet<br>197 feet<br>59 feet<br>66 feet | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22                                     | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510  |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BS-2C<br>22KUITAEFPR-14A<br>22BSITAEFRP-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-4A<br>22BSP-5A<br>22BSITAER-8A<br>ALASKA – SOUTI<br>TYPE/NAME: | 64°28.365'N, 165°28.525'W<br>POSITION:<br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.770'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°34.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>46°00.002'N, 167°54.718'W<br>46°00.188'N, 167°54.718'W<br>64°00.188'N, 167°54.718'W<br>57°52.291'N, 168°53.3262'W<br>57°52.071'N, 174°33.79'W<br>59°54.747'W, 171°43.379'W<br>59°43.525'N, 171°43.440'W<br>62°11.896'N, 174°39.756'W<br>62°12.107'N, 174°39.664'W<br>HWESTERN – UNIMAK PASS<br>POSITION: | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>531 feet<br>328 feet<br>387 feet<br>135 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>121 feet<br>241 feet<br>241 feet<br>241 feet<br>241 feet<br>251 feet<br>251 feet<br>250 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet<br>46 feet<br>197 feet<br>59 feet<br>66 feet            | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>49/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22 | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIRWEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510 |
| Station-241<br>ALASKA – BERIN<br>TYPE/NAME:<br>GPS Tide Buoy<br>AL19-AU-BS6<br>19BS-8A<br>19BSP-8A<br>PUF-18<br>PUF-19<br>AL21-AU-NM1<br>22BSP-2A<br>AL22-AU-PC01<br>AL22-AU-PC01<br>AL22-AU-BS10<br>AL22-AU-BS10<br>AL22-AU-BS11<br>22SH-1A<br>22BS-2C<br>22KUITAEFPR-4A<br>22BSITAEFPR-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-14A<br>22BSP-4A<br>22BSP-5A<br>22BSITAER-8A<br>ALASKA – SOUTI   | 64°28.365'N, 165°28.525'W<br><b>IG SEA</b><br><b>POSITION:</b><br>58°28.015'N, 162°04.779'W<br>53°37.775'N, 167°23.945'W<br>62°12.000'N, 174°40.770'W<br>61°11.760'N, 174°40.470'W<br>56°15.340'N, 168°17.361'W<br>58°24.700'N, 167°36.900'W<br>64°51.248'N, 168°27.938'W<br>56°51.818'N, 164°03.693W<br>56°07.760'N, 168°18.767'W<br>53°37.870'N, 167°24.272'W<br>56°09.702'N, 166°4.707'W<br>61°04.742'N, 170°16.562'W<br>56°51.041'N, 158°59.784'W<br>56°52.456'N, 164°03.954'W<br>57°53.958'N, 165°42.148'W<br>64°00.02'N, 167°54.718'W<br>64°00.188'N, 167°54.701'W<br>63°59.977'N, 167°54.718'W<br>59°54.747'W, 171°43.379'W<br>59°43.525'N, 171°43.440'W<br>62°12.107'N, 174°39.664'W<br><b>IWESTERN – UNIMAK PASS</b>  | 66 feet<br>WATER DEPTH:<br>126 feet<br>312 feet<br>243 feet<br>243 feet<br>506 feet<br>167 feet<br>144 feet<br>230 feet<br>328 feet<br>387 feet<br>135 feet<br>240 feet<br>200 feet<br>121 feet<br>121 feet<br>121 feet<br>241 feet<br>241 feet<br>241 feet<br>241 feet<br>251 feet<br>250 feet   | Surface<br>TOP FLOAT DEPTH:<br>Surface<br>282 feet<br>177 feet<br>30 feet<br>505 feet<br>166 feet<br>115 feet<br>203 feet<br>302 feet<br>328 feet<br>108 feet<br>200 feet<br>33 feet<br>Surface<br>Surface<br>121 feet<br>89 feet<br>33 feet<br>200 feet<br>46 feet<br>197 feet<br>59 feet<br>66 feet | 36/20<br>Ref. LNM:<br>25/19<br>28/19<br>40/19<br>43/21<br>43/21<br>43/21<br>20/22<br>25/22<br>25/22<br>25/22<br>25/22<br>25/22<br>36/22<br>36/22<br>36/22<br>36/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22<br>37/22                                     | James Behrens 858-534-3032<br>POC:<br>NOAAS FAIR WEATHER 401-378-4022<br>Catherine Berchok 206-526-6331<br>Geoff Lebon 206-526-6884<br>Geoff Lebon 206-526-6884<br>Thomas Vanpelt 907-242-7725<br>Thomas Vanpelt 907-242-7725<br>Catherine Berchok 206-526-6331<br>David Strausz 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>Stephanie Grassia 206-526-4539<br>David Strausz 206-526-4510<br>David Strausz 206-526-4510  |

#### ALASKA – GULF OF ALASKA – SANAK TROUGH (NORTH OF SANAK ISLAND)

| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                      |
|------------|---------------------------|--------------|------------------|-----------|---------------------------|
| TRBM-1     | 54°42.606'N, 162°37.872'W | 407 feet     | 405 feet         | 48/16     | Chris Wilson 206-526-6435 |

| ALASKA – GULF OF ALASKA –   | SANAK TROUGH (NORTH OF  | SANAK ISLAND) (Conti   | inued)  |  |
|---|---|--|---|--|
| TYPE/NAME:POSITTRBM-254°37.151'N, 1   |   | TOP FLOAT DEPTH:<br>487 feet   | Ref. LNM:<br>48/16  | POC:<br>Chris Wilson 206-526-6435  |
| ALASKA – GULF OF ALASKA –   | ALEUTIAN PENINSULA  |  |   |  |
| TYPE/NAME:POSITGA22-AU-SU0156°36.014'N, 1   |   | TOP FLOAT DEPTH:<br>430 feet   | Ref. LNM:<br>40/22  | POC:<br>Catherine Berchok 206-526-6331   |
| ALASKA – GULF OF ALASKA –   | KODIAK ISLAND   |  |   |  |
| TYPE/NAME:POSIT22CB-1A57°43.300'N, 1GA22-AU-BT0157°01.803'N, 1  | 152°17.052'W 633 feet   | TOP FLOAT DEPTH:<br>584 feet<br>227 feet   | Ref. LNM:<br>36/22<br>40/22   | POC:<br>David Strausz 206-526-4510<br>Catherine Berchok 206-526-6331   |
| ALASKA – GULF OF ALASKA –   | STEVENSON ENTRANCE  |  |   |  |
| TYPE/NAME:   POSIT     GA22-AU-SE01   58°42.514'N, 1  |   | TOP FLOAT DEPTH:<br>404 feet   | Ref. LNM:<br>40/22  | POC:<br>Catherine Berchok 206-526-6331   |
| ALASKA – COOK INLET – KAM   | IISHAK BAY  |  |   |  |
| TYPE/NAME:   POSIT     ADCP-A   59°16'34.5168"N, 1     ADCP-B   59°15'24.7255"N, 1  | 154°07'03.6837"W 16 feet  | TOP FLOAT DEPTH:<br>13 feet<br>39 feet   | Ref. LNM:<br>03/18<br>03/18   | POC:<br>Jason Crockett 907-315-6513<br>Jason Crockett 907-315-6513   |
| ALASKA – GULF OF ALASKA   |   |  |   |  |
| TYPE/NAME:   POSIT     UAF GAK4M   59°24.231'N, 1     WAVE YB-1   59°27'22.248"N, 1     WAVE YB-2   59°26'58.7349"N, 1     GEO1-2019   59°00.850"N, 1     GEO2-2019   59°00.917"N, 1     GEO3-2019   59°00.988"N, 1     GA20-AU-BT01   57°01.790"N, 1     AOOS-204   59°35.850"N, 1 | 149°00.731'W 656 feet   139°45'02.088''W UNK   139°47'46.3194''W UNK   148°41.410'W 722 feet   148°41.604'W 722 feet   148°41.797'W 722 feet   152°59.620'W 269 feet  | TOP FLOAT DEPTH:<br>328 feet<br>Surface<br>Surface<br>72 feet<br>Surface<br>243 feet | Ref. LNM:<br>45/16<br>29/17<br>29/17<br>29/19<br>29/19<br>29/19<br>40/20  | Dr. Andrew McDonnell 907-474-7529<br>Jeremy Kasper 907-371-6510<br>Jeremy Kasper 907-371-6510<br>Seth Danielson 907-474-7834<br>Seth Danielson 907-474-7834<br>Seth Danielson 907-474-7834<br>Catherine Berchok 206-526-6331 |
| 1005 204 57 55:050 14, 1  | 131 49./40 w 111 leet   | Surface  | 32/21   | James Behrens 858-534-3032   |
| ALASKA – GULF OF ALASKA –   |   | Surface  | 32/21   | James Benrens 858-534-3052   |
| ALASKA – GULF OF ALASKA –<br>TYPE/NAME: POSIT<br>GAKOA 59°54'39.55"N, 1<br>GAK1 59°51'11.952"N,   | RESURRECTION BAY     CION:   WATER DEPTH:     149°20'57.47"W   171 feet     149°30'03.96"W   869 feet   | TOP FLOAT DEPTH:<br>Surface<br>66 feet   | 32/21<br>Ref. LNM:<br>13/19<br>13/19  |  |
| ALASKA – GULF OF ALASKA –<br>TYPE/NAME: POSIT<br>GAKOA 59°54'39.55"N, 1<br>GAK1 59°51'11.952"N,<br>ALASKA – PRINCE WILLIAM S<br>TYPE/NAME: POSIT  | RESURRECTION BAYTION:WATER DEPTH:149°20'57.47"W171 feet149°30'03.96"W869 feetCOUNDWATER DEPTH:  | TOP FLOAT DEPTH:<br>Surface<br>66 feet<br>TOP FLOAT DEPTH:                           | Ref. LNM:<br>13/19<br>13/19<br>Ref. LNM:  | POC:<br>Natalie Monacci 907-474-7956<br>Peter Shipton 907-224-4319<br>POC:   |
| ALASKA – GULF OF ALASKA –<br>TYPE/NAME: POSIT<br>GAKOA 59°54'39.55"N, 1<br>GAK1 59°51'11.952"N,<br>ALASKA – PRINCE WILLIAM S  | RESURRECTION BAY     WATER DEPTH:     149°20'57.47"W   171 fect     149°30'03.96"W   869 fect     COUND     COUND     TION:   WATER DEPTH:     146°16.682'W   154 fect     46°17.353'W   226 feet     146°16.682'W   154 feet     46°17.353'W   226 feet     146°18.040'W   390 feet     146°18.726'W   427 feet     146°20.100'W   410 feet     146°20.100'W   410 feet     146°21.473'W   233 feet     146°22.160'W   194 feet     146°22.846'W   141 feet     147°50.7522'W   364 feet     147°50.596'W   504 feet     147°50.66'W   504 feet     147°50.86'W   504 feet     147°50.848'W   316 feet     147°50.848'W   316 feet     147°50.848'W   591 feet     146°43.248'W   591 feet     146°43.248'W   886 feet     146°45.246'W   886 feet | TOP FLOAT DEPTH:<br>Surface<br>66 feet   | Ref. LNM:<br>13/19<br>13/19<br>13/19<br>Ref. LNM:<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>18/09<br>11/14<br>11/14<br>11/14<br>11/14 | POC:<br>Natalie Monacci 907-474-7956<br>Peter Shipton 907-224-4319   |

#### ALASKA – PRINCE WILLIAM SOUND (Continued)

|                      | DOGITION   |                           |                               | D C L D L          | DOG  |
|----------------------|--|---------------------------|-------------------------------|--------------------|--|
| TYPE/NAME:           | POSITION:<br>60°19.008'N, 146°51.228'W                 | WATER DEPTH:<br>1135 feet | TOP FLOAT DEPTH:<br>1022 feet | Ref. LNM:<br>09/17 | POC:<br>Mary Anne Bishop 907-424-5800 x228                               |
| H11<br>H12           | 60°18.888'N, 146°51.930'W                              | 1194 feet                 | 1022 feet<br>1075 feet        | 09/17              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| H12<br>H13           | 60°18.738'N, 146°52.656'W                              | 909 feet                  | 818 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| H14                  | 60°18.588'N, 146°53.340'W                              | 522 feet                  | 470 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| H15                  | 60°18.468'N, 146°53.994'W                              | 276 feet                  | 244 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| HC                   | 60°18.120'N, 146°53.568'W                              | 449 feet                  | 404 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| H16                  | 60°18.540'N, 146°54.552'W                              | 85 feet                   | 53 feet                       | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| HD                   | 60°17.982'N, 146°54.336'W                              | 151 feet                  | 119 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M01                  | 59°55.482'N, 147°48.630'W                              | 295 feet                  | 263 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| MA                   | 59°55.146'N, 147°49.092'W                              | 220 feet                  | 188 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M02<br>MB            | 59°55.848'N, 147°49.074'W<br>59°55.512'N, 147°49.512'W | 446 feet<br>420 feet      | 401 feet<br>378 feet          | 09/17<br>09/17     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| M03                  | 59°56.178'N, 147°49.518'W                              | 509 feet                  | 458 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M04                  | 59°56.556'N, 147°49.956'W                              | 577 feet                  | 519 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M05                  | 59°56.886'N, 147°50.382'W                              | 640 feet                  | 576 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M06                  | 59°57.222'N, 147°50.826'W                              | 705 feet                  | 635 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M07                  | 59°57.546'N, 147°51.234'W                              | 741 feet                  | 667 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M08                  | 59°57.864'N, 147°51.636'W                              | 768 feet                  | 691 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M09                  | 59°58.152'N, 147°52.008'W                              | 784 feet                  | 706 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| M10<br>MC            | 59°58.536'N, 147°52.458'W                              | 778 feet                  | 700 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| MC<br>M11            | 59°58.182'N, 147°52.872'W<br>59°58.842'N, 147°52.866'W | 745 feet<br>472 feet      | 671 feet<br>425 feet          | 09/17<br>09/17     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| MD                   | 59°58.518'N, 147°53.352'W                              | 614 feet                  | 553 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| LP01                 | 59°58.854'N, 148°01.920'W                              | 112 feet                  | 80 feet                       | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| LPA                  | 59°58.488'N, 148°02.286'W                              | 98 feet                   | 66 feet                       | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| EP04                 | 59°59.700'N, 148°06.072'W                              | 276 feet                  | 244 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| EPB                  | 59°59.364'N, 148°06.492'W                              | 246 feet                  | 214 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| POWP05               | 60°02.778'N, 148°07.470'W                              | 312 feet                  | 280 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| LPB                  | 59°58.758'N, 148°02.676'W                              | 289 feet                  | 257 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| EP03<br>EPA          | 59°59.472'N, 148°05.802'W<br>59°59.064'N, 148°05.952'W | 240 feet<br>331 feet      | 208 feet<br>299 feet          | 09/17<br>09/17     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| PWA                  | 60°02.394'N, 148°07.698'W                              | 289 feet                  | 255 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| LP02                 | 59°59.082'N, 148°02.208'W                              | 148 feet                  | 116 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| POWP06               | 60°02.796'N, 148°07.902'W                              | 177 feet                  | 145 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| PWB                  | 60°02.418'N, 148°08.208'W                              | 266 feet                  | 234 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| BP07                 | 60°06.906'N, 148°14.118'W                              | 174 feet                  | 142 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| BPA                  | 60°07.128'N, 148°13.458'W                              | 167 feet                  | 135 feet                      | 09/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-1               | 60°41.370'N, 146°23.956'W                              | 16 feet                   | Surface                       | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-2<br>Grav-3     | 60°41.454'N, 146°23.496'W<br>60°40.925'N, 146°23.018'W | 75 feet<br>146 feet       | 55 feet<br>126 feet           | 16/17<br>16/17     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| Grav-4               | 60°40.696'N, 146°22.561'W                              | 195 feet                  | 120 feet                      | 16/17              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| Grav-5               | 60°41.257'N, 146°24.580'W                              | 7 feet                    | Surface                       | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-6               | 60°41.033'N, 146°24.109'W                              | 53 feet                   | 34 feet                       | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-7               | 60°40.811'N, 146°23.633'W                              | 128 feet                  | 108 feet                      | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-8               | 60°40.580'N, 146°23.148'W                              | 158 feet                  | 138 feet                      | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-9               | 60°40.362'N, 146°22.692'W                              | 212 feet                  | 192 feet                      | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-10              | 60°40.970'N, 146°23.557'W                              | 106 feet                  | 86 feet                       | 16/17              | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-RT1<br>Grav-RT2 | 60°41.053'N, 146°24.004'W<br>60°41.071'N, 146°23.896'W | 59 feet<br>72 feet        | 40 feet<br>53 feet            | 16/17<br>16/17     | Mary Anne Bishop 907-424-5800 x228                                       |
| Grav-RT3             | 60°41.090'N, 146°23.765'W                              | 72 feet<br>74 feet        | 55 feet                       | 16/17              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| RH1                  | 60°36.987'N, 146°37.412'W                              | 213 feet                  | 203 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| RH2                  | 60°38.175'N, 146°29.837'W                              | 223 feet                  | 203 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| NMS1                 | 60°18.476'N, 147°40.044'W                              | 131 feet                  | 131 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| NMS2                 | 60°18.280'N, 147°25.330'W                              | 154 feet                  | 154 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| NMS3                 | 60°22.657'N, 147°08.341'W                              | 118 feet                  | 118 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| GISL1                | 60°51.782'N, 147°13.369'W                              | 164 feet                  | 154 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| MR1<br>MR2           | 59°58.586'N, 147°53.254'W                              | 607 feet                  | 597 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| MR2<br>MR3           | 59°58.655'N, 147°53.160'W<br>59°58.738'N, 147°53.030'W | 581 feet<br>564 feet      | 571 feet<br>554 feet          | 28/18<br>28/18     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| HRT1                 | 60°18.058'N, 146°54.282'W                              | 112 feet                  | 102 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| HRT2                 | 60°18.135'N, 146°54.227'W                              | 121 feet                  | 102 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| HRT3                 | 60°18.226'N, 146°54.145'W                              | 151 feet                  | 141 feet                      | 28/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| KIP1                 | 60°18.121'N, 148°00.944'W                              | 344 feet                  | 324 feet                      | 39/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| KIP2                 | 60°18.050'N, 147°55.640'W                              | 344 feet                  | 324 feet                      | 39/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| CP1                  | 60°32.465'N, 146°08.652'W                              | 106 feet                  | 81 feet                       | 39/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| CP2                  | 60°32.733'N, 146°06.749'W                              | 151 feet                  | 126 feet                      | 39/18              | Mary Anne Bishop 907-424-5800 x228                                       |
| CEDAR1<br>JP1        | 60°33.568'N, 146°01.978"W                              | 110 feet<br>74 feet       | 85 feet<br>71 feet            | 39/18<br>10/20     | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
| PF1                  | 60°29.366'N, 146°35.524'W<br>60°48.720'N, 146°34.464'W | 131 feet                  | 128 feet                      | 10/20              | Mary Anne Bishop 907-424-5800 x228<br>Mary Anne Bishop 907-424-5800 x228 |
|                      | 00 10.720 II, 110 51.101 W                             | 151 1000                  | 120 1000                      | 10/20              |  |

#### ALASKA – GULF OF ALASKA – YAKUTAT

| TYPE/NAME:  | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                       |
|-------------|---------------------------|--------------|------------------|-----------|----------------------------|
| Wave Buoy-1 | 59°270402'N, 139°44.982'W | Unknown      | Surface          | 41/19     | Jeremy Kasper 907-371-6510 |
| Wave Buoy-2 | 59°25.998'N, 139°48.366'W | Unknown      | Surface          | 41/19     | Jeremy Kasper 907-371-6510 |

#### ALASKA – SOUTHEAST

| TYPE/NAME:      | POSITION:                      | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                       |
|-----------------|--------------------------------|--------------|------------------|-----------|----------------------------|
| Icy Strait      | 58° 14.6112'N, 136° 7.28972'W  | 614 feet     | 594 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Icy Strait      | 58° 14.5037'N, 136° 7.27185'W  | 541 feet     | 521 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Icy Strait      | 58° 14.3962'N, 136° 7.25398'W  | 522 feet     | 502 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Icy Strait      | 58° 14.2887'N, 136° 7.23611'W  | 358 feet     | 338 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Icy Strait      | 58° 14.1812'N, 136° 7.21824'W  | 266 feet     | 246 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 9.6115'N, 134° 33.78278'W  | 1814 feet    | 1795 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 9.6209'N, 134° 33.97584'W  | 1820 feet    | 1800 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 9.6303'N, 134° 34.1689'W   | 1811 feet    | 1791 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 9.6397'N, 134° 34.36195'W  | 1811 feet    | 1791 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 9.6491'N, 134° 34.55501'W  | 1798 feet    | 1778 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.6362'N, 134° 25.56783'W  | 1916 feet    | 417 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.655'N, 134° 25.95379'W   | 1930 feet    | 1910 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.6644'N, 134° 26.14676'W  | 1932 feet    | 1912 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.6738'N, 134° 26.3397'W   | 1936 feet    | 1916 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.6832'N, 134° 26.53272'W  | 1932 feet    | 1912 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Chatham Strait  | 56° 8.6926'N, 134° 26.7257'W   | 1932 feet    | 1912 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 3.34'N, 134° 15.64'W       | 1180 feet    | 928 feet         | 35/09     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 3.1874'N, 134° 15.35938'W  | 1155 feet    | 1135 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 3.1111'N, 134° 15.21907'W  | 1155 feet    | 1135 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 3.0348'N, 134° 15.07877'W  | 1155 feet    | 1135 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 2.9584'N, 134° 14.93847'W  | 1158 feet    | 1138 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 5.1769'N, 134° 46.8910'W   | 1191 feet    | 1171 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 5.0755'N, 134° 46.8249'W   | 1200 feet    | 1180 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 4.9741'N, 134° 46.7587' W  | 1200 feet    | 1180 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.6327' N, 134°57.3717' W | 1214 feet    | 1194 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.5313'N, 134° 57.3057'W  | 1191 feet    | 1171 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.4298'N, 134° 57.2397'W  | 1191 feet    | 1171 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.3284'N, 134° 57.1737'W  | 1220 feet    | 1200 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Frederick Sound | 57° 2.8821'N, 134° 14.79818'W  | 1158 feet    | 1138 feet        | 35/09     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 5.4812' N, 134° 47.0895' W | 1181 feet    | 912 feet         | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 5.3798'N, 134° 47.0233'W   | 1191 feet    | 1171 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 56° 5.2783'N, 134° 46.9572'W   | 1191 feet    | 1171 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.2270'N, 134° 57.1077'W  | 1220 feet    | 1200 feet        | 33/10     | Dave Carlile 907-465-4216  |
| Ommaney         | 55° 59.1256'N, 134° 57.0417' W | 1220 feet    | 1200 feet        | 33/10     | Dave Carlile 907-465-4216  |
| 20CSP-4A        | 58°07.363'N, 136°35.604'W      | 1,099 feet   | 1,060 feet       | 06/20     | David Strausz 206-526-4510 |
|                 |                                |              |                  |           |                            |

#### ALASKA – NORTH PACIFIC OCEAN

| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                          |
|------------|---------------------------|--------------|------------------|-----------|-------------------------------|
| HARP-CB    | 58°40.409'N, 148°00.546'W | 2,877 feet   | 2,779 feet       | 49/14     | Josh Jones 858-822-1836       |
| HARP-PT    | 56°14.635'N, 142°45.431'W | 3,238 feet   | 3,140 feet       | 49/14     | Josh Jones 858-822-1836       |
| MFM-A      | 49°58.60'N, 144°14.77'W   | 13,540 feet  | 49 feet          | 24/15     | Gabriella Chavez 858-822-4938 |
| MFM-B      | 50°19.82'N, 144°23.90'W   | 13,599 feet  | 49 feet          | 24/15     | Gabriella Chavez 858-822-4938 |
| GHPM-1     | 50°04.79'N, 144°48.18'W   | 13, 842 feet | 483 feet         | 24/15     | Gabriella Chavez 858-822-4938 |



## **RESEARCH EQUIPMENT IN WATER**

## Bering Sea, Aleutian Basin, and northern Pacific Ocean, Alaska August 1st to October 15th, 2022

SAILDRONE, INC. will operate one Uncrewed Surface Vehicle called "SAILDRONE SURVEYOR", for bathymetric research along the western Aleutian Island coastline in the Bering Sea, Aleutian Basin, and northern Pacific Ocean. SAILRONE SURVEYOR will be based out of Dutch Harbor, Alaska returning to Dutch Harbor periodically every three (3) weeks. At the conclusion of the survey the vehicle will depart the area and return to San Francisco, CA.

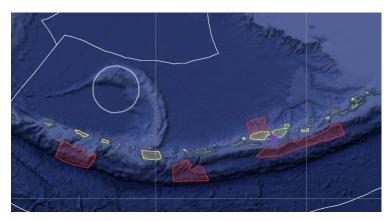
## VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.

Saildrone Surveyor is a primarily wind powered Uncrewed Surface Vehicle also equipped with an inboard engine. Surveyor carries oceanographic and fisheries acoustics research instrumentation and is controlled from shore through satellite communications.

- AIS: "SAILDRONE SURVEYOR"
- MMSI: 338179262
- Color: Orange
- Lights: Tricolor, Running lights/stern light
- Radar Reflecting: Yes

- Length: 22 m
- Width: 1.8 m
- Height: 14 m
- Draft: 3.6 m
- Average speed: 7 knots





SAILDRONE MISSION CONTROL (510) 722-6070 missioncontrol@saildrone.com



## Alaska Marine Safety Education Association

2924 Halibut Point Road, Sitka, Alaska 99835-9668 phone 907-747-3287 / fax 907-747-3259 / www.amsea.org

## For Immediate Release

Date Issued: October 10, 2022 Kill Date: October 20, 2022

## **AMSEA** Workshops of Interest to Mariners in District 17

The Alaska Marine Safety Education Association is offering a number of classes in U.S. Coast Guard District 17 that may be of interest to mariners. Many of these workshops are offered at reduced cost to commercial fishermen, thanks to support from the U.S. Coast Guard, the National Institute for Occupational Safety and Health, the Alaska Department of Commerce, Community and Economic Development, and AMSEA members.

Register online at www.amsea.org or call (907) 747-3287. All class participants must wear a cloth face mask, maintain six feet of physical distance from other participants, and follow any other required COVID-19 safety procedures.

## Mariner's First Aid & CPR

AMSEA's First Aid & CPR workshop is designed to meet the unique needs of commercial fishermen and other mariners. Attendees receive a U.S. Coast Guard accepted two-year certificate issued by the American Safety & Health Institute. The cost for the workshop is \$100.00 including local sales tax. The topics covered include:

- CPR & automatic external defibrillators (AED)
- Treatment of choking
- Medical emergencies
- Trauma
- Environmental hazards
- Patient assessment
- Medical communications
- Drowning & hypothermia
- Common fishing injuries

| Start Date | End Date  | Location | State |
|------------|-----------|----------|-------|
| 11/2/2022  | 11/2/2022 | Sitka    | AK    |
| 12/7/2022  | 12/7/2022 | Sitka    | AK    |

**AMSEA is a 501(c)(3) non-profit educational institute. Support Organizations:** Alaska Native Tribal Health Consortium / National Institute for Occupational Safety & Health / Southeast Alaska Regional Health Consortium / State of Alaska Chronic Disease Prevention & Health Promotion / State of Alaska Office of Boating Safety / University of Alaska Sea Grant, Marine Advisory Program / U.S. Coast Guard 17<sup>th</sup> District