

U.S. Department of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 17 Week: 38/22

-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=InmDistrict®ion=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 J122-22 and CG Sector Anchorage Broadcast Notice to Mariners through A099-22 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

I - Interrupted

ICW - Intracoastal Waterway

PRIV - Private Aid Q - Quick

P through Z

ADRIFT - Buoy Adrift AICW - Atlantic Intracoastal Waterway

Page 1 of 27 Coast Guard District 17 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 Buoy 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.

344 **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 Iqvak to Cape Kuliak.

CAPE FANSHAW – Southern Stephens Passage and Frederick Sound.

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

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.

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ALASKA - SOUTHCENTRAL - COOPER RIVER DELTA 345

The Coast Guard has seasonally decommissioned the Copper River Delta Lights. This includes the following aids:

Softuk Bar Channel LT S (LLNR 25455)

Kokenhenic Bar Channel LT K (LLNR 25460)

Grass Island Bar Channel LT G (LLNR 25465)

Peter Dahl Bar Channel LT P (LLNR 25470)

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.

LNM: 38/22

ALASKA - SOUTHCENTRAL - COOK INLET - PORT OF ANCHORAGE 346

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

Page 2 of 27 Coast Guard District 17 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:

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.

LNM: 38/22

ALASKA - SOUTHCENTRAL - KODIAK/GULF OF ALASKA

HAZARDOUS OPERATIONS: Rocket launch P137 (Replan) is scheduled from the Pacific Spaceport Complex located at Narrow Cape, Kodiak Island, Alaska, 2200-0130 UTC which is 1400-1730 Alaska Time on October 10th, 2022. If the launch does not occur on October 10th, 2022, then it will be rescheduled for the following day during the same time window. This process will be continued through October 17th, 2022 (local). If the launch does not occur by the end of the time window on October 10th, 2022 (local), then it will be completely rescheduled and the new test dates/times will be advertised. Exclusion Area consists of a polygon defined by lines connecting the following points:

POINT	LATITUDE	LONGITUDE
Point A:	57°15.806'N	152°30.838'W
Point B:	57°28.459'N	152°31.795'W
Point C:	57°29.265'N	152°11.957'W
Point D:	56°40.696'N	152°03.287'W
Point E:	55°10.160'N	151°51.796'W
Point F:	53°39.607'N	151°41.136'W
Point G:	52°09.039'N	151°31.208'W
Point H:	51°45.816'N	151°30.037'W
Point I:	51°44.545'N	151°59.959'W
Point J:	52°16.191'N	152°11.000'W
Point K:	53°56.068'N	152°17.071'W
Point L:	55°35.941'N	152°23.658'W

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Mariners are advised to remain clear of these areas during the duration of operations. Chartlets indicating the exclusion zone are included as an enclosure to this LNM. Questions/concerns should be directed to the PSCA Operations Director, Shannon Edwards at (907) 771-8036, or cell (509) 713-4368 or by email to shannon.edwards@akaerospace.com or the PSCA Ground Safety Officer, Paul Pena, at (907) 743-3525, or cell (907) 942-4485 or by email to ppena.ctr@akaerospace.com.

LNM: 37/22

ALASKA – SOUTHEAST – TONGASS NARROWS

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

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ALASKA - SOUTHEAST - NECKER ISLANDS - HOT SPRINGS BAY

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. 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.

ALASKA - SOUTHEAST - DUNCAN CANAL - BUTTERWORTH ISLAND

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

LNM: 34/22

383 ALASKA – SOUTHWEST – ALEUTIAN ISLANDS

SAILDRONE, INC. is conducting bathymetric research surveys along the western Aleutian Island coastline in the Bering Sea, Aleutian Basin, and northern Pacific Ocean between August 1st, 2022 and October 1st, 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 light and marked "SAILDRONE SURVEYOR". The saildrone has transited from San Francisco, CA and is expected to transit northbound through Unimak Pass on or after Aug. 2nd and arrive in Dutch Harbor, ALASKA between Aug. 3rd - 6th 2022. The saildrone will then be repeatedly deployed from Dutch Harbor, ALASKA between August 8th to October 1st 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. The Northwest, Northeast, Southwest, and Southeast corner points of the vehicle's survey areas expected to be covered within the vehicle's initial deployment from Dutch Harbor are listed below. Mariners are requested to transit areas with caution and to remain greater than 500 meters away from the research equipment. Enclosure (X) of

this Local Notice to Mariners provides a photo and a description of the Saildrone. Questions regarding saildrone operations should be directed to Saildrone Mission Control, missioncontrol@saildrone.com or 510-722-6070.

LNM: 30/22

ALASKA – SOUTHCENTRAL - ALEUTIAN PENINSULA

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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, 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, 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. 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.

LNM: 30/22

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

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 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.

LNM: 25/22

ALASKA – SOUTHWESTERN – BERING SEA – KUSKOKWIM RIVER

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 162-19-23.031

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.

LNM: 24/22

ALASKA – SOUTHEAST – GASTINEAU CHANNEL – MENDENHALL BAR

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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.

LNM: 20/22

ALASKA – WESTERN AND NORTHWESTERN – BERING SEA TO BEAUFORT SEA

Saildrone, INC. is conducting oceanographic surveys in collaboration with the Farallon Institute and the University of Washington in the Bering Sea, Chukchi Sea, and Beaufort Sea along the Alaskan seaboard between May 17th and October 1st, 2022. The survey will be conducted by two (2) Uncrewed Surface Vehicles (USVs), called "Saildrones", each 23 ft in length, 16 ft tall, orange in color with a white all-round light and marked "SAILDRONE", and use wind/solar power. Both Saildrones will be deployed from Dutch Harbor, Alaska between May 17th and May 27th 2022. Saildrones will have limited maneuverability during survey operations. Mariners are requested to transit operating areas with caution and to maintain a minimum CPA of 500 meters. Additional information including a photo of a saildrone and a chartlet depicting areas of operations is included as an enclosure to this LNM. Questions/concerns should be directed to Saildrone Mission Control, missioncontrol@saildrone.com or (510) 722-6070.

LNM: 20/22

411 ALASKA – SOUTHWESTERN – ALEUTIAN ISLANDS

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

LNM: 20/22

433 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 iwilliams@keex.net.

LNM: 13/22

461 ALASKA

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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

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

LNM: 06/22

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

ALASKA – SOUTHCENTRAL – KODIAK ISLAND

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@uscq.mil.

LNM: 40/21

520 ALASKA – SOUTHEAST – BEHM CANAL – MOSER BAY

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@uscg.mil.

LNM: 38/21

522 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: 37/21

529 ALASKA

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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.

LNM: 34/21

ALASKA – WESTERN – YUKON RIVER

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.

LNM: 28/21

554 ALASKA – SOUTHCENTRAL – PRINCE WILLIAM SOUND – BARRY ARM

The State of Alaska issued an updated press release on July 9th, 2021, indicating that a potential landslide caused tsunami may occur in Barry Arm in Northwestern Prince William Sound. It is uncertain if and when this might occur, but if it occurs localized wave heights could be very hazardous. 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 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

LNM: 28/21

557 ALASKA – BRISTOL BAY – NORTHEAST KVICHAK BAY – NAKNEK RIVER

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

573 ALASKA – ALEUTIAN ISLANDS – UNALASKA – CAPTAIN'S BAY

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@uscq.mil.

LNM: 23/21

****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, BookletChart™ 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/farewell-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.

LNM: 09/21

628 ALASKA – COOK INLET

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 area with caution. Questions/concerns should be directed to Sector Anchorage Waterways Management at anchorage.waterways@uscg.mil or (907) 428-4189.

LNM: 08/21

661 ALASKA

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The Coast Guard will be using AIS Broadcasts to relay some marine information, primarily ATON Discrepancies, VHF/FM Hi-site outages, active 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 (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 43/20

782 ALASKA – SOUTHEAST – DIXON ENTRANCE

Tree Point LT (LLNR 21840) has been relocated to a new steel structure approximately 100 yards 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.

LNM: 11/20

836 ALASKA – SOUTHEAST – TONGASS NARROWS

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

LNM: 48/19

918 ALASKA – GULF OF ALASKA

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

LNM: 33/19

ALASKA - SOUTHCENTRAL - SHELIKOF STRAIT - KINAK BAY

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 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.

LNM: 28/19

ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - UNAKWIK INLET 937

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.

LNM: 25/19

ALASKA - SOUTHEAST - WRANGELL NARROWS

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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.

LNM: 25/19

ALASKA - SOUTHEAST - FRESHWATER BAY

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.

LNM: 24/19

ALASKA - SOUTHEAST - FARRAGUT BAY - FRANCIS ANCHORAGE

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. 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.

LNM: 08/19

ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - ESTHER ISLAND

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.

LNM: 34/18

ALASKA - CENTRAL - BETHEL 971

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

ALASKA - ALEUTIAN ISLANDS - AKUTAN ISLAND - AKUTAN HARBOR 972

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.

LNM: 03/18

974 ALASKA - SOUTHWESTERN - ALEUTIAN PENINSULA - BECHEVIN BAY

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: 17/18

ALASKA - SOUTHEAST - ICY STRAIT - NORTH INIAN PASSAGE

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

LNM: 36/17

983 ALASKA – SOUTHEAST

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The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southeast Alaska. The initial coverage areas are 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 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 Michael.r.folkerts@uscg.mil.

LNM: 15/15

ALASKA - SOUTHCENTRAL

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 Michael.r.folkerts@uscq.mil.

LNM: 15/15

ALASKA – ALEUTIAN ISLANDS – ADAK – SWEEPER COVE

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 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.

LNM: 20/13

ALASKA – SUBSURFACE AND SURFACE BUOYS

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@uscg.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.

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	
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	
1345	Cape Rodney Light	DAYMK DMGD	16200	A096-22	38/22	
1350	Point Spencer Light	DAYMK DMGD	16204	A098-22	38/22	
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	

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22105	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 Mooring Buoy	MISSING	17423	J104-21	38/21
22435	Meyers Chuck Buoy 3	MISSING	17423	J114-22	37/22
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 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 Lighted Bell Buoy WN	REDUCED INT	17375	J086-21	35/21
23260	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	Keku Strait Daybeacon 31	STRUCT DEST	17372	J072-20	28/20
23307.7	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
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
23690	Lawson Creek Bar Light 3	DAYMK MISSING	17315	J056-22	17/22
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
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
26680	St. Paul Harbor Entrance Light	DAYMK DMGD	16596	A090-22	38/22
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	
27542	Sweeper Cove Range Front Light	NIGHT LT BURNING DA	Y		A049-22	25/22	
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	
27962	Nome Harbor Entrance Light 2	LT EXT		16206	A091-22	38/22	
27963	Nome Harbor Entrance Light 1	LT EXT		16206	A087-22	36/22	
27975	Point Spencer Light	DAYMK DMGD		16204	A098-22	38/22	
LLNR	(FEDERAL AIDS) CORRECTED Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM En
1020	Cape Decision Light	WATCHING PROPERLY		17386	J117-22	35/22	38/22
1045	Star Rock Bell Buoy SR	WATCHING PROPERLY		17303	J118-22	37/20	38/22
23390	Calder Rocks Lighted Whistle Buoy 6	WATCHING PROPERLY		17378	J120-22	32/22	38/22
23440	Cape Decision Light	WATCHING PROPERLY		17386	J117-22	35/22	38/22
26410	Fire Island Range Front Light	N/A		16665	A072-22	08/22	30/32
REPANCIES	(PRIVATE AIDS)						
LLNR	Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM En
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	
CREPANCIES	(PRIVATE AIDS) CORRECTED						
LLNR	Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM En
1							
ATFORM DISC	CREPANCIES						
lame	Status		Position		BNM Ref.	LNM St	LNM En
e							
ATFORM DISC	CREPANCIES CORRECTED						
	Status		Position		BNM Ref.		LNM End

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

None

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.

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 CHANGES CORRECTED

LLNR Aid Name Status Chart No. BNM Ref. LNM St LN	NM End
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None

PLATFORM TEMPORARY CHANGES

Name Status	Position	BNM Ref.	LNM St	LNM End
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None

PLATFORM TEMPORARY CHANGES CORRECTED

Name Status	Position	BNM Ref.	LNM St	LNM End
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None

SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections. This section contains corrective actions affecting chart(s). Corrections appear numerically by chart number, and pertain to that chart only. It is up to the mariner to decide which chart(s) are to be corrected. The following example explains individual elements of a typical chart correction.

Ch Nu		nart dition	Edition Date	Last Local Notes to Mariners	otice	Horizontal Datum Re	Source of Correction		ent Local ice to Mariners	3
	Ι	Ι.	1	. l .		Ι.	. 1 .	. 1		
123	327 9°	1st Ed.	19-APR-97	Last LNM:	26/97	NAD 83		27/9	97	
Ch	art Title: N\	/-NJ-NEW	YORK HAR	BOR - RARIT	AN RIVE	R				
	Main Pa	anel 2245	NEW YORK	(HARBOR			CGD01			
(Te	mp) ADD	NAT	ONAL DOC	K CHANNEL	BUOY 3		at 40-41-	09.001N	074-02-48.00	1W
		. Green	can I				 Ι.			
	Corrective	9 0	bject of Corr	ective			Position			
	Action		Action							

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true. Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

16145 1st Ed. 01-JUL-14 38/22 Last LNM: 27/14 **NAD 83**

ChartTitle: Alaska - West Coast. Delong Mountain Terminal

Main Panel 2581 ALASKA - WEST COAST. DELONG MOUNTAIN TERMINAL. Page/Side: A

NOS LAST EDITION No new editions of chart 16145 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.

16161 1st Ed. 01-APR-12 **NAD 83** 38/22 Last LNM: 19/12

ChartTitle: Kotzebue Harbor and Approaches

Main Panel 2573 KOTZEBUE HARBOR AND APPROACHES. Page/Side: N/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. 16190 2nd Ed. 38/22 01-DEC-18 Last LNM: 43/15 **NAD 83** ChartTitle: Bering Strait North; Little Diomede Island Main Panel 2350 BERING STRAIT NORTH - -. Page/Side: -NOS LAST EDITION No new editions of chart 16190 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. 16304 3rd Ed. 38/22 01-APR-13 Last LNM: 38/21 **NAD 83** ChartTitle: Kuskokwim Bay to Bethel Main Panel 2934 KUSKOKWIM RIVER KUSKOKWIM BAY TO BETHEL. Page/Side: N/A NOS LAST EDITION No new editions of chart 16304 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. 16305 11th Ed. 38/22 01-DEC-14 Last LNM: 52/14 ChartTitle: Bristol Bay-Cape Newenham and Hagemeister Strait Main Panel 2858 CAPE NEWENHAM AND HAGEMEISTER STRAIT. Page/Side: A NOS LAST EDITION No new editions of chart 16305 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. 16315 38/22 11th Ed. 01-MAR-15 Last LNM: 12/15 **NAD 83** ChartTitle: Bristol Bay-Togiak Bay and Walrus Islands Main Panel 2859 TOGIAK BAY AND WALRUS ISLANDS. Page/Side: A NOS 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. 16338 38/22 5th Ed. 01-MAR-15 **NAD 83** Last LNM: 12/15 ChartTitle: Bristol Bay-Ugashik Bay to Egegik Bay Main Panel 2860 BRISTOL BAY UGASHIK BAY TO EGEGIK BAY. Page/Side: A NOS 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. 16570 38/22 12th Ed. 01-FEB-15 Last LNM: 09/15 **NAD 83** ChartTitle: Portage and Wide Bays, Alaska Pen. Main Panel 2545 PORTAGE AND WIDE BAYS. Page/Side: A NOS 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. 16575 3rd Ed. 01-APR-15 38/22 Last LNM: 15/15 **NAD 83** ChartTitle: Dakavak Bay to Cape Unalishagvak; Alinchak Bay Main Panel 2867 DAKAVAK BAY TO CAPE UNALISHAGVAK. Page/Side: A NOS LAST EDITION No new editions of chart 16575 will be published. It will be canceled on

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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.

	d. 01-APR-15 rait-Cape Nukshak to Dak 71 CAPE NUKSHAK TO D	•	NAD 83 de: A		38/2	22
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details. /	vigational Chart AA Paper and Raster A list of all canceled	NOS 		
16587 3rd E ChartTitle: Semidi Isla Main Panel 25		Last LNM: 09/20 VICINITY. Page/Side: A	NAD 83		38/2	22
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details. /	vigational Chart AA Paper and Raster A list of all canceled	NOS 		
	nd Sitkinak Strait and Alit	•	NAD 83		38/2	22
	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	6590 will be published. It larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details."	will be canceled on vigational Chart AA Paper and Raster A list of all canceled	NOS 		
•	Ed. 01-JUL-14 Cape Alitak to Moser Bay 49 PART OF ALITAK BAY	Last LNM: 30/17 CAPE ALITAK TO MOSI	NAD 83 ER BAY. Page/Side:	A NOS	38/2	22
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details. /	vigational Chart AA Paper and Raster A list of all canceled			
16592 11th ChartTitle: Kodiak Isla	Ed. 01-JUL-14 nd Gull Point to Kaguyak	Last LNM: 18/17 Bay;Sitkalidak Passage	NAD 83		38/2	22
	50 GULL POINT TO KAGL	·		NOS		
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details. /	vigational Chart AA Paper and Raster A list of all canceled	-		
16597 10th ChartTitle: Uganik and		Last LNM: 32/19	NAD 83		38/2	22
Main Panel 25	59 UGANIK AND UYAK B	AYS. Page/Side: A		NOS		
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w	larger scale Electronic Na e. See "Cancellation of NO I of this LNM for details. /	vigational Chart AA Paper and Raster A list of all canceled			
16598 11th ChartTitle: Cape Ikolik		Last LNM: 04/17	NAD 83		38/2	22
•	60 CAPE IKOLIK TO CAP	E KULIUK. Page/Side: A		NOS		
LAST EDITION	No new editions of chart 1 30-Nov-22. Comparable or			1.2		

(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.

16599 8th Ed	*	Last LNM: 04/17 nd Karluk Anchorage;La	NAD 83		38/22
•	• .	IND ANCHORAGES LAI	• •	A	
LAST EDITION	30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Section	16599 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS 	
16603 9th Ed ChartTitle: Kukak Bay, Main Panel 256	•	Last LNM: 11/15	NAD 83		38/22
	No new editions of chart 30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Secti	: 16603 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS 	
•	Afagnak Islands and a	Last LNM: 41/21 djacent waters .K ISL & ADJACENT WA	NAD 83		38/22
	No new editions of chart 30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Secti	: 16604 will be published. or larger scale Electronic ble. See "Cancellation of ble of this LNM for detail //www.charts.noaa.gov/M	It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
16605 10th E ChartTitle: Shuyak Stra Main Panel 256	ait and Bluefox Bay	Last LNM: 23/14	NAD 83 e/Side: A	Nos	38/22
LAST EDITION	30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Section	t 16605 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS 	
16606 12th E ChartTitle: Barren Islan Main Panel 256	·	Last LNM: 16/15 Page/Side: A	NAD 83		38/22
LAST EDITION	30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Section	16606 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS	
	ait-Cape Douglas to Ca	Last LNM: 13/15 pe Nukshak CAPE NUKSHAK. Page	NAD 83 e/Side: A		38/22
LAST EDITION	30-Nov-22. Comparable (ENC) coverage is availa Nautical Charts" in Section	16608 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS	
16648 6th Ed ChartTitle: Kamishak B	Bay;Iliamna Bay	Last LNM: 17/15 OK INLET. Page/Side: A	NAD 83		38/22
	No new editions of chart 30-Nov-22. Comparable	: 16648 will be published. or larger scale Electronic ble. See "Cancellation of	It will be canceled on Navigational Chart	NOS 	

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.

	11th E itle: Seal Rocks Main Panel 259	to Gore		Last LNM: 16/15 RE POINT. Page/Side:	NAD 83		38/22
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availab Charts" in Sectio	16681 will be published. or larger scale Electronic ble. See "Cancellation of in I of this LNM for detai /www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS	
16683 ChartT	_	ton to C	01-JAN-11 ape Resurrection	Last LNM: 39/17 on O CAPE RESURRECTI	NAD 83		38/22
		No new 30-Nov- (ENC) co Nautical	editions of chart 22. Comparable o overage is availab Charts" in Sectio	16683 will be published. or larger scale Electronic ole. See "Cancellation of in I of this LNM for detai /www.charts.noaa.gov/N	It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
16701 <i>ChartT</i>		am Soui	01-APR-15	Last LNM: 43/15 ance UND WESTERN ENTF	NAD 83		38/22
		No new 30-Nov- (ENC) co Nautical	editions of chart 22. Comparable o overage is availab Charts" in Sectio	16701 will be published. or larger scale Electronic ble. See "Cancellation of in I of this LNM for detai/www.charts.noaa.gov/N	It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
16702 ChartT	14th E itle: Latouche P Main Panel 259	assage 1	-	Last LNM: 43/15 E TO WHALE BAY. Pa	NAD 83 ge/Side: N/A		38/22
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availab Charts" in Sectio	16702 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai /www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
16704 <i>ChartT</i>	14th E itle: Drier Bay, F Main Panel 260	Prince W	01-FEB-15 illiam Sound R BAY. Page/Si	Last LNM: 09/15	NAD 83		38/22
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availat Charts" in Sectio	16704 will be published. or larger scale Electronic ole. See "Cancellation of on I of this LNM for detai /www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
	•	nal incl.		Last LNM: 11/15 ;Port of Whittier	NAD 83 HITTIER. Page/Side: A		38/22
		No new 30-Nov- (ENC) co Nautical	editions of chart 22. Comparable o overage is availab Charts" in Sectio	16706 will be published. or larger scale Electronic ble. See "Cancellation of in I of this LNM for detai/www.charts.noaa.gov/N	It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
	•	includin	•	Last LNM: 11/15 and Harriman Fiord GE FIORD. Page/Side	NAD 83		38/22
		No new 30-Nov- (ENC) co	editions of chart 22. Comparable overage is availab	16711 will be published. or larger scale Electronic ble. See "Cancellation of in I of this LNM for detai	It will be canceled on Navigational Chart NOAA Paper and Raster	NOS	

16713 <i>Chart</i>	4th Eo Title: Naked Islar Main Panel 296	nd to Col	-	Last LNM: 24/14	NAD 83 Side: N/A		38/22
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availal Charts" in Section	16713 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled	NOS 	
16723 Chart	16th E	Зау	01-SEP-14	Last LNM: 43/20	NAD 83		38/22
	Main Panei 261	I1 CONI	ROLLER BAY.	Page/Side: A		NOS	
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availal Charts" in Section	16723 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled		
16741 Chart	12th E Title: Icy Bay	Ēd.	01-SEP-12	Last LNM: 38/12	NAD 83		38/22
		12 ICY B	AY. Page/Side:	N/A			
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availal Charts" in Section	16741 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled	NOS 	
16761	17th E Title: Yakutat Bay		01-APR-15	Last LNM: 17/15	NAD 83		38/22
Criarti			i naiboi ITAT BAY. Pag	e/Side: A			
			<u>-</u> , ug	0/0/40171		NOS	
	LAST EDITION	30-Nov- (ENC) co Nautical	22. Comparable overage is availal Charts" in Section	16761 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail/www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled		
16762 Chart	10th E Title: Lituya Bay;	Lituya B	01-JUN-14 ay Entrance ⁄A BAY. Page/S	Last LNM: 23/14	NAD 83		38/22
	Maiii Failei 20	10 L1101	A DAT. Fage/C	Jue. A		NOS	
	LAST EDITION	01-Feb-2 (ENC) co Nautical	23. Comparable overage is availal Charts" in Section	16762 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled		
17301 Chart	9th Ed Title: Cape Spend		01-NOV-14 Point	Last LNM: 53/19	NAD 83		38/22
	Main Panel 262	20 CAPE	SPENCER TO	ICY POINT. Page/Side:	Α	NOS	
	LAST EDITION	01-Feb-2 (ENC) co Nautical	23. Comparable overage is availal Charts" in Section	17301 will be published. or larger scale Electronic ble. See "Cancellation of lon I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster s. A list of all canceled	NOS 	
17302 Chart	19th E Title: Icy Strait ar		01-MAY-15 Sound;Inian Co	Last LNM: 40/20 ove;Elfin Cove	NAD 83		38/22
	•		•	OSS SOUND. Page/Side	e: A		
	LACT EDITION	No see	aditions of the t	النبر 17202	Th will be engeded as	NOS	
	LASI EDITION	01-Feb-2 (ENC) co Nautical	23. Comparable overage is availal Charts" in Section	17302 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail/www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster s. A list of all canceled		

	Ed. 01-MAY-14 Ind and Lisianski Inlet;Po 24 YAKOBI ISLAND ANI		NAD 83 e/Side: N/A		38/22
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	17303 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details /www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled	NOS 	
	Ed. 01-FEB-12 ay And Tracy Arm - Step 40 HOLKHAM BAY AND	_	NAD 83	ide: N/A	38/22
			· ·	NOS	
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	1/311 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details /www.charts.noaa.gov/M0	lavigational Chart IOAA Paper and Raster . A list of all canceled		
17312 3rd E ChartTitle: Hawk Inlet,	0.00.12	Last LNM: 24/20	NAD 83		38/22
Main Panel 29	86 HAWK INLET, CHATH	HAM STRAIT. Page/Side	: N/A	NOS	
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	17312 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled	 	
17313 9th E	d. 01-MAY-09	Last LNM: 26/09	NAD 83		38/22
ChartTitle: Port Snetti Main Panel 26	sham 27 PORT SNETTISHAM.	Page/Side: N/A			
		•		NOS	
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	17313 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled		
	d Limestone Inlets and T		NAD 83		38/22
Main Panel 26	28 SLOCUM AND LIMES	STONE INLETS AND TAK	U HARBOR. Page/Sid	e: A NOS	
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	17314 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details (/www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled	<u> </u>	
•	Ed. 01-MAY-15 I-Point Sherman to Skag 34 LYNN CANAL POINT		•	age Cove, Chilkoot Inlet	38/22
	No new editions of chart		•	NOS	
LAST EDITION	01-Feb-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	1737 Will be published. In larger scale Electronic Noble. See "Cancellation of Noble. See "Cancellation of Noble. See "Cancellation of Noble. See "Cancellation of Noble. See "Cancellation" I of this LNM for details /www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled		
17318 8th E		Last LNM: 29/21	NAD 83		38/22
	38 GLACIER BAY. Page	e/Side: N/A			
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	17318 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart IOAA Paper and Raster . A list of all canceled	NOS 	-
17321 10th ChartTitle: Cape Edwa	Ed. 01-MAY-14 ard to Lisianski Strait, Ch	Last LNM: 30/16 nichagof Island	NAD 83		38/22

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 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 	
17322 11th Ed. 01-MAY-14 Last LNM: 12/16 NAD 83 ChartTitle: Khaz Bay, Chichagof Island Elbow Passage Main Panel 2646 WEST COAST OF CHICHAGOF ISLAND KHAZ BAY. Page/Side: N	/A NOS	38/22
LAST EDITION No new editions of chart 17322 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.		
17325 10th Ed. 01-MAR-15 Last LNM: 12/15 NAD 83 ChartTitle: South and West Coasts of Kruzof Island		38/22
Main Panel 2653 SOUTH AND WEST COASTS OF KRUZOF ISLAND. Page/Side: A		
LAST EDITION No new editions of chart 17325 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 	
17328 8th Ed. 01-NOV-11 Last LNM: 22/11 NAD 83 ChartTitle: Snipe Bay to Crawfish Inlet,Baranof I.		38/22
Main Panel 2659 BARANOF ISLAND SNIPE BAY TO CRAWFISH INLET. Page/Side:	N/A	
LAST EDITION. No new aditions of chart 17229 will be published. It will be canceled an	NOS	
LAST EDITION No new editions of chart 17328 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.		
17330 10th Ed. 01-MAR-15 Last LNM: 10/15 NAD 83 ChartTitle: West Coast of Baranof Island Cape Ommaney to Byron Bay		38/22
Main Panel 2661 CAPE OMMANEY TO BYRON BAY. Page/Side: A	NOS	
LAST EDITION No new editions of chart 17330 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.		
17331 9th Ed. 01-MAR-13 Last LNM: 16/15 NAD 83 ChartTitle: Chatham Strait Ports Alexander, Conclusion, and Armstrong		38/22
Main Panel 2663 PORTS ALEXANDER CONCLUSION AND ARMSTRONG. Page/Sig	de: N/A	
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 	
17333 10th Ed. 01-MAR-13 Last LNM: 17/13 NAD 83 ChartTitle: Ports Herbert, Walter, Lucy and Armstrong Main Panel 2664 PORTS HERBERT WALTER LUCY AND ARMSTRONG. Page/Side:	N/A	38/22
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 	
17335 9th Ed. 01-MAR-13 Last LNM: 17/13 NAD 83 ChartTitle: Patterson Bay and Deep Cove		38/22
Main Panel 2665 PATTERSON BAY AND DEEP COVE. Page/Side: N/A		
	NOS	

NOS

LAST EDITION	No new editions of chart 17335 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Can Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled		
Strait;Herri		, Chatham Strait;Hoggatt Bay, Ch ound;Surprise Hbr, and Murder C	natham Strait;Red Bluff Bay, Chatham Cove, Frederick Sound	38/22
LAST EDITION	No new editions of chart 17336 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Can Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled	NOS 	
Unrelated 2671	Chatham Strait Kelp Bay;Warm Sprii WARM SPRING BAY CHATHAM S	ng Bay;Takatz and Kasnyku Bays TRAIT. Page/Side: N/A	s NOS	38/22
LAST EDITION	No new editions of chart 17337 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Cane Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled		
	ed. 01-MAR-12 Last LNM: conah Snd. to Chatham Str. 5 PERIL STRAIT HOONAH SND-CH.			38/22
LAST EDITION	No new editions of chart 17338 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Can Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled	NOS	
17339 13th E ChartTitle: Hood Bay a Main Panel 267				38/22
	No new editions of chart 17339 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Can Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e published. It will be canceled on e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled	NOS 	
	ed. 01-APR-12 Last LNM: Bay and Chaik Bay, Chatham Strait 8 WHITEWATER BAY AND CHAIK E			38/22
LAST EDITION	No new editions of chart 17341 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Cano Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled	NOS 	
17362 11th E ChartTitle: Gambier Ba Main Panel 268		46/14 NAD 83		38/22
LAST EDITION	No new editions of chart 17362 will be 01-Feb-23. Comparable or larger scale (ENC) coverage is available. See "Can Nautical Charts" in Section I of this LN NOAA charts is at https://www.charts.	e Electronic Navigational Chart cellation of NOAA Paper and Raster IM for details. A list of all canceled	NOS 	
•	id. 01-MAY-14 Last LNM: Frederick Sound;Hobart and Windh PYBUS BAY FREDERICK SOUND.	am Bays, Stephens P.	NOS	38/22

((N	11-Feb-23. Comparable or ENC) coverage is availabl lautical Charts" in Section IOAA charts is at https://v	7363 will be published. It larger scale Electronic Na e. See "Cancellation of NC I of this LNM for details. www.charts.noaa.gov/MCl	avigational Chart DAA Paper and Raster A list of all canceled D/Dole.shtml.			
	and Eliza Hbrs.;Fanshav	Last LNM: 25/14 Bay and Cleveland Pas A HARBORS. Page/Sid	•	NOS	38/22	
0 (N	1-Feb-23. Comparable or ENC) coverage is available lautical Charts" in Section	7365 will be published. It larger scale Electronic Na e. See "Cancellation of NC I of this LNM for details. www.charts.noaa.gov/MCl	avigational Chart DAA Paper and Raster A list of all canceled	~~ <u>~</u>		
17367 12th Ed ChartTitle: Thomas, Fart	l. 01-AUG-14 ragut, and Portage Bays	Last LNM: 32/14 , Frederick Sound	NAD 83		38/22	
Main Panel 2686	THOMAS FARRAGUT	AND PORTAGE BAYS.	Page/Side: A	NOS		
0 (N	11-Mar-23. Comparable or ENC) coverage is available Nautical Charts" in Section	7367 will be published. It larger scale Electronic Na e. See "Cancellation of NC I of this LNM for details. www.charts.noaa.gov/MCl	avigational Chart DAA Paper and Raster A list of all canceled			
17368 8th Ed.	· · · · · ·	Last LNM: 09/22 Saginaw and Security B	NAD 83	·Kako Insot	38/22	
		ERN PART. Page/Side:	•	•		
0 (N	11-Mar-23. Comparable or ENC) coverage is availabla lautical Charts" in Section	7368 will be published. It larger scale Electronic Na e. See "Cancellation of NC I of this LNM for details. www.charts.noaa.gov/MCl	avigational Chart DAA Paper and Raster A list of all canceled	NOS 		
_	and Rowan Bay, Chath	Last LNM: 15/15 am Strait;Washington E VAN AND WASHINGTON	-	NOS	38/22	
0 (N	11-Mar-23. Comparable or ENC) coverage is availabla lautical Charts" in Section	7370 will be published. It larger scale Electronic Na e. See "Cancellation of NC I of this LNM for details. www.charts.noaa.gov/MCl	avigational Chart DAA Paper and Raster A list of all canceled			
	onte Carlo Island to En	Last LNM: 50/09 trance Island;The Sumn EKU STRAIT. Page/Side	•		38/22	
LACT EDITION A	lo new editions of chart 1	7372 will be published. It	will be canceled on	NOS 		
0 (N	11-Mar-23. Comparable or ENC) coverage is availabla lautical Charts" in Section	larger scale Electronic Nation of Notes. See "Cancellation of Notes. See "Cancellation of Notes. I and the LNM for details. National of the Notes of Notes. National of Notes	avigational Chart DAA Paper and Raster A list of all canceled			
17375 22nd E ChartTitle: Wrangell Nar Main Panel 2698	*	Last LNM: 31/22	NAD 83		38/22	
	•	r RANGELL NARROWS. I	Page/Side: N/A			
0 (N	CONTINUATION OF W lo new editions of chart 1 11-Mar-23. Comparable or ENC) coverage is available lautical Charts" in Section		will be canceled on avigational Chart DAA Paper and Raster A list of all canceled	NOS 		
17376 9th Ed. ChartTitle: Tebenkof Ba	CONTINUATION OF W No new editions of chart 1 11-Mar-23. Comparable or ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w 01-OCT-12 y and Port Malmesbury	RANGELL NARROWS. 7375 will be published. It larger scale Electronic Nae. See "Cancellation of NC I of this LNM for details.www.charts.noaa.gov/MCI Last LNM: 43/12	will be canceled on avigational Chart DAA Paper and Raster A list of all canceled D/Dole.shtml.	NOS 	38/22	
17376 9th Ed. ChartTitle: Tebenkof Bay Main Panel 2701	CONTINUATION OF W No new editions of chart 1 11-Mar-23. Comparable or ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://w 01-OCT-12 y and Port Malmesbury TEBENKOF BAY AND	RANGELL NARROWS. 7375 will be published. It larger scale Electronic Nae. See "Cancellation of NC I of this LNM for details.www.charts.noaa.gov/MCI	will be canceled on avigational Chart DAA Paper and Raster A list of all canceled D/Dole.shtml. NAD 83 Page/Side: N/A	NOS 	38/22	

01-Mar-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.

17377 2nd l ChartTitle: Le Conte E Main Panel 29	• • • • • • • • • • • • • • • • • • • •	Last LNM: 18/14 K SOUND AND LECONT	NAD 83 E BAY. Page/Side: 1		38/22
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Section	: 17377 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS 	
	Ed. 01-MAY-14 ction, Prince of Wales Is 02 PRINCE OF WALES		NAD 83 CTION. Page/Side: N/A	Non	38/22
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Section	: 17378 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	NOS 	
17379 2nd l ChartTitle: Shakan Ba	y And Strait, Alaska	Last LNM: 17/14	NAD 83		38/22
	(ENC) coverage is availa Nautical Charts" in Section		It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
• •	Ed. 01-MAR-15 Prince of Wales Island 03 RED BAY PRINCE C	Last LNM: 10/15 F WALES ISLAND. Paç	NAD 83 ge/Side: A	NOS	38/22
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Section	: 17381 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster ls. A list of all canceled	··· <u>·</u>	
17383 4th E	• • • • • • • • • • • • • • • • • • •	Last LNM: 21/16	NAD 83		38/22
Main Panel 29	62 SNOW PASSAGE; A	LASKA. Page/Side: A		NOS	
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Section	: 17383 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster ls. A list of all canceled		
17386 5th E ChartTitle: Sumner St		Last LNM: 36/19	NAD 83		38/22
Main Panel 27	11 SUMNER STRAIT SO	OUTHERN PART. Page	Side: N/A	NOS	
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Section	17386 will be published. or larger scale Electronic ble. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		
	Ed. 01-JUN-14 d Shipley Bays and Part 13 SHAKAN AND SHIPL				38/22
LAST EDITION	No new editions of chart 01-Mar-23. Comparable	: 17387 will be published. or larger scale Electronic		NOS 	

(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.

17401 Chart7	-	nd approaches, Clarenc	Last LNM: 12/15 e Str. ROACHES CLARENCE :	NAD 83 STRAIT. Page/Side: A	NOS	38/22
	LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17401 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart OAA Paper and Raster . A list of all canceled		
17402 Chart1		ntrances to Sumner Str	Last LNM: 36/19 ait ICES TO SUMNER STRA	NAD 83 IT. Page/Side: N/A		38/22
	LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17402 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart OAA Paper and Raster . A list of all canceled	NOS 	
17403 <i>Chart</i> 7		nlet and Sea Otter Soun	Last LNM: 17/14 d;Edna Bay ID SEA OTTER SOUND.	NAD 83 Page/Side: N/A		38/22
		No new editions of chart 01-Mar-23. Comparable (ENC) coverage is availa Nautical Charts" in Section	17403 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details (/www.charts.noaa.gov/MC	it will be canceled on lavigational Chart OAA Paper and Raster . A list of all canceled	NOS 	
17404 Chart1		oval Channel to Cape Ly	Last LNM: 19/16 nch HANNEL TO CAPE LYNC	NAD 83 CH. Page/Side: N/A	NOS	38/22
	LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17404 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart OAA Paper and Raster . A list of all canceled		
17405 Chart7		nel to San Christoval Ch	Last LNM: 46/19 nannel;North Entrance, B D SAN CHRISTOVAL CH	•	A	38/22
	LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17405 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart OAA Paper and Raster . A list of all canceled	NOS	
17406 Chart1		es, and LuluIslands and	Last LNM: 45/13 adjacent waters LULU ISLANDS AND AD	NAD 83 DJACENT WATERS. Pa	•	38/22
	LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17406 will be published. I or larger scale Electronic N ble. See "Cancellation of N on I of this LNM for details //www.charts.noaa.gov/MC	lavigational Chart OAA Paper and Raster . A list of all canceled	NOS 	
17407 Chart7	•	art of Tlevak Strait and L	Last LNM: 44/16 Jloa Channel F TLEVAK STRAIT AND I	NAD 83 ULLOA CHANNEL. Pa	•	38/22
	LAST EDITION	01-Mar-23. Comparable	17407 will be published. I or larger scale Electronic N ble. See "Cancellation of N	lavigational Chart	NOS	

17422 Chart	10th E Title: Behm Cana		1-MAR-15 part;Yes Bay	Last LNM: 32/18	NAD 83		38/22
				BEHM CANAL. Page/S	Side: A		
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab harts" in Sectio	17422 will be published or larger scale Electronic dle. See "Cancellation of n I of this LNM for detai /www.charts.noaa.gov/l	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 	
17423 Chart	Bay, Revilla	irts-Claren agigedo Is	land;Tolstoi ar	Last LNM: 19/14 Behm Canal Dewey An nd Thorne Bays, Prince E OF WALES ISLAND	e of Wales Is.;Union Bay	Ratz Harbor, Prince of Wales Isla r, Cleveland Peninsula	38/22 a
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab harts" in Sectio	17423 will be published or larger scale Electronic ole. See "Cancellation of n I of this LNM for detal /www.charts.noaa.gov/I	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 	
17424 Chart	9th Eo Title: Behm Cana		1-OCT-09 part	Last LNM: 17/14	NAD 83		38/22
	Main Panel 273	37 EASTE	RN PART OF E	BEHM CANAL. Page/S	ide: N/A	NOS	
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab harts" in Sectio	17424 will be published or larger scale Electronic ole. See "Cancellation of n I of this LNM for detal /www.charts.noaa.gov/I	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
17425	7th E	d. 0	1-MAY-15	Last LNM: 21/15	NAD 83		38/22
Chart	Title: Portland Ca Main Panel 273			d NORTH OF HATTIE ISL	.AND. Page/Side: A	NOS	
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab harts" in Sectio	17425 will be published or larger scale Electronic ole. See "Cancellation of n I of this LNM for detal /www.charts.noaa.gov/I	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
17426	16th E		1-JUN-14	Last LNM: 23/16	NAD 83		38/22
Chart				Anchorage, eastern pa E OF WALES ISLAND			
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab Charts" in Sectio	17426 will be published or larger scale Electronic ole. See "Cancellation of n I of this LNM for deta /www.charts.noaa.gov/l	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 	
17427 Chart	8th Ed	anal - Dixo			NAD 83	Sido: A	38/22
					HATTIE ISLAND. Page/S	NOS	
	LAST EDITION	01-Mar-23 (ENC) cov Nautical C	B. Comparable o erage is availab harts" in Sectio	17427 will be published or larger scale Electronic ole. See "Cancellation of n I of this LNM for detai /www.charts.noaa.gov/l	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	-	
17431 <i>Chart</i>	12th E Title: N. end of C		1-DEC-14 by and Hetta Inl	Last LNM: 34/20 let	NAD 83		38/22
			-		A INLET. Page/Side: A	NOC	
	LAST EDITION	01-Mar-23	3. Comparable o	17431 will be published or larger scale Electronic ole. See "Cancellation of		NOS 	

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.

17432 8th Ed. 38/22 01-MAR-15 Last LNM: 06/18 **NAD 83**

ChartTitle: Clarence Strait and Moira Sound

Main Panel 2751 CLARENCE STRAIT AND MOIRA SOUND. Page/Side: A

NOS

LAST EDITION No new editions of chart 17432 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 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.

17435 17th Ed. 38/22 01-MAY-14 Last LNM: 15/17

ChartTitle: Harbors in Clarence Strait Port Chester, Annette Island; Tamgas Harbor, Annette Island; Metlakatla Harbor Main Panel 2849 PORT CHESTER. Page/Side: N/A

NOS LAST EDITION No new editions of chart 17435 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 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.

17436 38/22 10th Ed. 01-JUN-14 Last LNM: 32/18 **NAD 83**

ChartTitle: Clarence Strait, Cholmondelev Sound and Skowl Arm

Main Panel 2758 CHOLMONDELEY SOUND & SKOWL ARM. Page/Side: A

NOS LAST EDITION No new editions of chart 17436 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 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.

17437 38/22 11th Ed. 01-AUG-17 Last LNM: 07/22 **NAD 83**

ChartTitle: Portland Inlet to Nakat Bay

Main Panel 2761 PORTLAND INLET TO NAKAT BAY - -. Page/Side: -

NOS

LAST EDITION No new editions of chart 17437 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart Nautical Charts" in Section I of this LNM for details. A list of all canceled

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

OIL RIG MOVEMENT

Drill Rigs/Vessels Removed

Latitude Longitude Block Rigs/Vessel Chart Type Status

Drill Rigs/Vessels Established

Latitude Longitude Block Rigs/Vessel Chart Type Status

None

None

None

SECTION V - ADVANCE NOTICES

This section contains advance notice of approved projects, changes to aids to navigation, or upcoming temporary changes such as dredging, etc. Mariners are advised to use caution while transiting these areas.

SUMMARY OF ADVANCED APPROVED PROJECTS

Ref. LNM Approved Project(s) **Project Date**

Advance Notice(s)

ALASKA - SOUTHCENTRAL - KENNEDY ENTRANCE

The Coast Guard will not be re-installing the dayboards on Perl Rock LT. The light will continue on the existing structure with the same nighttime flash characteristics. Comments/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: 35/22

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.

LNM: 38/20

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

Proposed Project(s) <u>Closing</u> <u>Docket No.</u> <u>Ref. LNM</u>

None

Proposed Change Notice(s)

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 requested to provide recommendations on locations that would facilitate safe navigation within Golovin Bay. 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.

I NM 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.

430 ALASKA – SOUTHCENTRAL – PORT OF ANCHORAGE

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.

LNM: 14/22

441 ALASKA – COOK INLET – HOMER HARBOR and COAST GUARD BERTH

Alaska Marine Excavation, LLC. will be conducting dredging operations in the Homer Harbor Entrance and USCG Hickory berth starting April 15 2022 thru May 1st 2022 and resuming on September 1st 2022 thru October 11th, 2022. Dredging operations will continue 24 hours a day. The dredge COMMANDER is a 58' cutter head suction dredge, red and yellow in color, with a partially submerged pipeline. The pipeline will be marked where it exits the harbor on the beach and the pipeline's anchors will be marked by buoys. The dredge COMMANDER and tug Growler will be working on VHF/FM channel 79 and monitoring VHF/FM channels 13 and 16. Questions/concerns can also be directed to Brok Shafer with Alaska Marine Excavation, LLC at (907) 399-4549 or by email to brok@akmx.com.

LNM: 12/22

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

PUBLICATION CORRECTIONS

The following subsurface data moorings have been recovered:

U.S. Coast Pilot 9, Alaska: Cape Spencer to Beaufort Sea, 40th Edition, 2022, has been issued and is ready for free download and weekly updates at https://nautical charts.noaa.gov/publications/coast-pilot/index.html.

LNM: 35/22

ENCLOSURES

Page 26 of 27 Coast Guard District 17

LNM: 38/22

ALASKA - WESTERN AND NORTHWESTERN - BERING SEA TO BEAUFORT SEA

2022 Saildrone.pdf

Saildrone survey in the Bering Sea, Chukchi Sea, and Beaufort Sea.

LNM: 20/22

ALASKA - SOUTHCENTRAL - KODIAK/GULF OF ALASKA

3722 P137 Rocket Launch.pdf

Rocket launch P137 from the Pacific Spaceport Complex

LNM: 37/22

ALASKA - SOUTHCENTRAL/ALEUTIAN PENINSULA

3022 Undersea Cable.pdf

A subsurface cable installation between Kodiak Island and Dutch Harbor.

LNM: 30/22

ALASKA - SOUTHWEST - ALEUTIAN ISLANDS

3022 Saildrone Aleutian.pdf

Unmanned saildrone surveying Aleutian Islands.

LNM: 30/22

ALASKA

3722 Subsurface Buoys.pdf

Compilation of Subsurface and Surface oceanography moorings properly reported to U.S. Coast Guard District 17.

LNM: 37/22

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



RESEARCH EQUIPMENT IN WATER

Bering Sea, Chukchi Sea, and Beaufort Sea, Alaska May 17th to October 1st, 2022

SAILDRONE, INC. will operate two Uncrewed Surface Vehicles called "Saildrones", to study sea surface temperature in the Bering Sea, Chukchi Sea, and Beaufort Sea waters. They will be launched and recovered from Dutch Harbor, Alaska.

Research details can be found online at:

https://www.esr.org/research/MISST/

Vessels are requested to transit the area with caution, and remain greater than 500 meters away from the research equipment.

Saildrones are wind powered Uncrewed Surface Vehicles that carry important oceanographic and fisheries acoustics research instrumentation and are controlled from shore through satellite communications.

Color: Orange

• Light: white all-round light

Radar Reflector: Yes

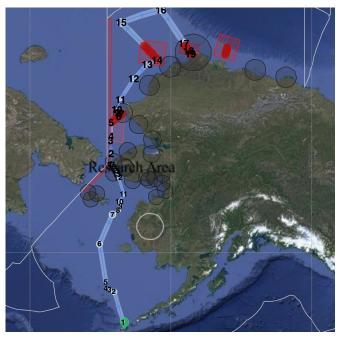
Notation: "Saildrone"

Length: 23 ft & Width: 2 ft
Height: 16 ft above water line
Draft: 6 ft, Avg. speed: 3 kts

GPS / AIS / Cameras: Yes



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



SCIENCE CONTACTS

Marisol Garcĩa-Reyes (Farallon Institute)

Mike Steele (UW)

(707) 363-9215 & (206) 543-8686



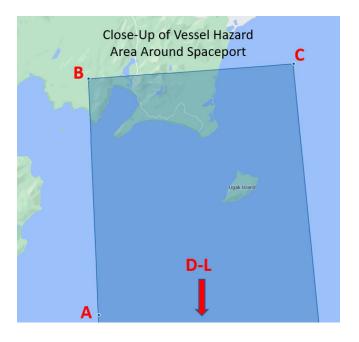


Pacific Spaceport Complex Alaska (PSCA) will be conducting a launch designated P137 (Replan) from Launch Pad LP-3C at Narrow Cape, Kodiak, Alaska, with a launch azimuth of 176°. Daily launch operations are scheduled between 2200-0130 UTC October 10th through October 18th. In local time 1400-1730 AKDT October 10th through October 17th, 2022 (local). Mariners are requested to remain clear of the Hazard Areas during the scheduled launch operations. Questions/concerns should be directed to the PSCA Operations Director, Shannon Edwards at (907) 771-8036, or cell (509) 713-4368 or by email to shannon.edwards@akaerospace.com or the PSCA Ground Safety Officer, Paul Pena, at (907) 743-3525, or cell (907) 942-4485 or by email to spena.ctr@akaerospace.com.

Total Hazard Area (Degrees Decimal Minutes):

Point A:	57°15.806'N, 152°30.838'W
Point B:	57°28.459'N, 152°31.795'W
Point C:	57°29.265'N, 152°11.957'W
Point D:	56°40.696'N, 152°03.287'W
Point E:	55°10.160'N, 151°51.796'W
Point F:	53°39.607'N, 151°41.136'W
Point G:	52°09.039'N, 151°31.208'W
Point H:	51°45.816'N, 151°30.037'W
Point I:	51°44.545'N, 151°59.959'W
Point J:	52°16.191'N, 152°11.000'W
Point K:	53°56.068'N, 152°17.071'W
Point L:	55°35.941'N, 152°23.658'W

Graphical depiction of Up-Range Hazard Area:

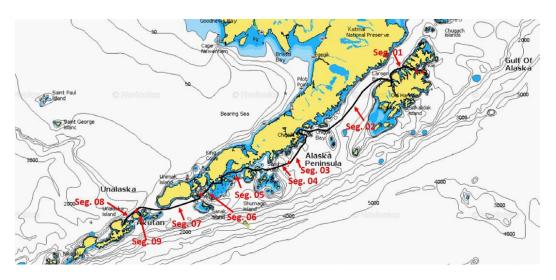


Graphical depiction of NOTMAR Hazard Area:



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 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, 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



RESEARCH EQUIPMENT IN WATER

Bering Sea, Aleutian Basin, and northern Pacific Ocean, Alaska August 1st to October 1st, 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. The vehicle will transit northbound through Unimak Pass on or after Aug. 2nd and arrive in Dutch Harbor, Alaska between Aug. 3rd - 6th 2022. SAILRONE SURVEYOR will be based out of Dutch Harbor, Alaska.

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: 338179262Color: 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

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 smb-d17juneau-lnm@uscg.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) included in as an enclosure. The referenced LNM may have additional information and indicates the last time an entry was updated.

ALASKA – ARCTIC OCEAN

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	72°09.747'N, 159°07.349'W	167 feet	85 feet	35/12	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
AMOS-A	74°35.300'N, 145°32.700'W	12,339 feet	131 feet	35/22	Craig Lee, craiglee@uw/edu

CANADA – BEAUFORT 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	70°59.359'N, 133°44.636'W	365 feet	146 feet	44/16	Dr. Humfrey Melling 250-363-6552
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 – BEAUFORT 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	400 feet	374 feet	49/17	Steve Okkonen 907-283-3234
WAVE SS-1	70°29'16.8864"N, 147°30'00.3528"W	V UNK	Surface	29/18	Jeremy Kasper 907-371-6510
ODAS-1	70°24.889'N, 147°39.206'W	26 feet	24 feet	30/19	Carmen Lawrence 902-405-3336
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 – CHUKCHI 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
19CKP-5A	71°12.212'N, 158°00.722'W	157 feet	131 feet	35/19	David Strausz 206-525-4510
19CKP-4A	71°02.591'N, 160°29.706'W	171 feet	138 feet	35/19	David Strausz 206-525-4510

ALASKA - CHUKCHI SEA (Continued)

ALASKA – CHUKCHI SEA (Continued)							
TYPE/NAME:	POSITION:	WATER DEDTU	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	123 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		
AL21-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		
W. Barrow Canyon	71°37.868'N, 157°19.576'W	230 feet	214 feet	03/22	Steve Okkonen 907-283-3234		
WhoopDeeDo	71°25.327'N, 152°44.103'W	269 feet	253 feet	03/22	Steve Okkonen 907-283-3234		
ALASKA – KOTZ	EBUE SOUND						
TVDE/NIAME.	POCITION.	WATER DEPTH.	TOD ELOAT DEDTIL	D.C.I.NIM.	POC:		
TYPE/NAME:	POSITION:		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 60 feet	48 feet	48/14	Dr. Manuel Castellote 206-526-6866 Dr. Manuel Castellote 206-526-6866		
OTZ-S	67°3.365'N, 163°48.699'W		50 feet	48/14			
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 – NORTON SOUND							
ALASKA – NORTO	ON SOUND						
		W. TED DEDTIN	TOD EVOLUT DEDETY	D 643D4	No.		
TYPE/NAME:	POSITION:		TOP FLOAT DEPTH:	Ref. LNM:	POC: James Behrens 858-534-3032		
		WATER DEPTH: 66 feet	TOP FLOAT DEPTH: Surface	Ref. LNM: 36/20	POC: James Behrens 858-534-3032		
TYPE/NAME:	POSITION: 64°28.365'N, 165°28.525'W						
TYPE/NAME: Station-241	POSITION: 64°28.365'N, 165°28.525'W	66 feet					
TYPE/NAME: Station-241 ALASKA – BERIN	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION:	66 feet	Surface	36/20	James Behrens 858-534-3032		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME:	POSITION: 64°28.365'N, 165°28.525'W G SEA	66 feet WATER DEPTH:	Surface TOP FLOAT DEPTH:	36/20 Ref. LNM:	James Behrens 858-534-3032 POC:		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W	66 feet WATER DEPTH: 126 feet	Surface TOP FLOAT DEPTH: Surface	36/20 Ref. LNM: 25/19	James Behrens 858-534-3032 POC: NOAAS FAIR WEATHER 401-378-4022		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W	66 feet WATER DEPTH: 126 feet 312 feet	Surface TOP FLOAT DEPTH: Surface 282 feet	36/20 Ref. LNM: 25/19 28/19	James Behrens 858-534-3032 POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet	36/20 Ref. LNM: 25/19 28/19 40/19	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W	WATER DEPTH: 126 feet 312 feet 243 feet 243 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W	WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21 20/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21 20/22 25/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-UM01	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.470'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 20/22 25/22 25/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 168°27.938'W 56°51.248'N, 168°27.938'W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10 AL22-AU-BS11	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°23.945'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 328 feet 108 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21 20/22 25/22 25/22 25/22 25/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 168°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 328 feet 108 feet 200 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 David Strausz 206-526-4539 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505 feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 328 feet 108 feet 200 feet 33 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 162°04.779'W 61°11.760'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 49/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.718'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet 121 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.470'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.718'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet 121 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface Surface 121 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 49/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A 22BSTAEFRP-14A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.470'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°90.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.718'W 64°00.188'N, 167°54.701'W 63°59.977'N, 167°55.523'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 328 feet 387 feet 135 feet 243 feet 231 feet 121 feet 121 feet 130 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface Surface 121 feet 89 feet	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 49/21 20/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22 37/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510		
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TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A 22BSP-14A 22BSP-14A 22BSP-14A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°23.945'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.701'W 63°59.977'N, 167°55.523'W 57°52.291'N, 168°53.262'W 57°52.291'N, 168°53.262'W 57°52.071'N, 168°53.379'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 328 feet 387 feet 135 feet 240 feet 200 feet 121 feet 121 feet 130 feet 241 feet 241 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505 feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface Surface 121 feet 89 feet 230 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22 37/22 37/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4510 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFRP-14A 22BST-14A 22BS-14A 22BSP-14A 22BSP-14A 22BSP-14A 22BSP-4A 22BSP-4A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.718'W 64°00.188'N, 167°54.718'W 64°00.188'N, 167°55.523'W 57°52.291'N, 168°53.262'W 57°52.071'N, 168°53.379'W 59°54.747'W, 171°43.379'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet 121 feet 121 feet 130 feet 241 feet 241 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505 feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 308 feet 108 feet 200 feet 33 feet Surface Surface 121 feet 89 feet 33 feet 200 feet 46 feet	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 37/22 37/22 37/22 37/22 37/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4510 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A 22BSTAEFPR-14A 22BSP-14A 22BSP-14A 22BSP-14A 22BSP-14A 22BSP-5A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.0188'N, 167°54.718'W 64°00.188'N, 167°55.523'W 57°52.291'N, 168°53.262'W 57°52.291'N, 168°53.362'W 57°52.291'N, 168°53.379'W 59°54.747'W, 171°43.379'W 59°43.525'N, 171°43.440'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 328 feet 387 feet 135 feet 240 feet 200 feet 121 feet 121 feet 130 feet 141 feet 141 feet 151 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505 feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface 121 feet 89 feet 33 feet 200 feet 46 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFRP-14A 22BST-14A 22BS-14A 22BSP-14A 22BSP-14A 22BSP-14A 22BSP-4A 22BSP-4A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°53.958'N, 165°42.148'W 64°00.002'N, 167°54.718'W 64°00.188'N, 167°54.718'W 64°00.188'N, 167°55.523'W 57°52.291'N, 168°53.262'W 57°52.071'N, 168°53.379'W 59°54.747'W, 171°43.379'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet 121 feet 121 feet 130 feet 241 feet 241 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505 feet 166 feet 115 feet 203 feet 505 feet 302 feet 302 feet 308 feet 108 feet 200 feet 33 feet Surface Surface 121 feet 89 feet 33 feet 200 feet 46 feet	36/20 Ref. LNM: 25/19 28/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 36/22 36/22 37/22 37/22 37/22 37/22 37/22 37/22	POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4510 David Strausz 206-526-4510		
TYPE/NAME: Station-241 ALASKA – BERIN TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 19BS-8A 19BSP-8A PUF-18 PUF-19 AL21-AU-NM1 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 AL22-AU-BS10 AL22-AU-BS11 22SH-1A 22BS-2C 22KUITAEFPR-4A 22BSITAEFPR-14A 22BSP-14A 22BSP-14A 22BSP-14A 22BSP-4A 22BSP-5A 22BSP-5A 22BSP-5A	POSITION: 64°28.365'N, 165°28.525'W G SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 62°12.000'N, 174°40.770'W 61°11.760'N, 174°40.470'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 64°51.248'N, 168°27.938'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 61°04.742'N, 170°16.562'W 56°51.041'N, 158°59.784'W 56°52.456'N, 164°03.954'W 57°52.95'N, 167°54.718'W 64°00.188'N, 167°54.718'W 64°00.188'N, 167°54.710'W 63°59.977'N, 167°55.23'W 57°52.291'N, 168°53.262'W 57°52.291'N, 168°53.379'W 59°54.747'W, 171°43.379'W 59°43.525'N, 171°43.440'W 62°11.896'N, 174°39.756'W	66 feet WATER DEPTH: 126 feet 312 feet 243 feet 243 feet 506 feet 167 feet 144 feet 230 feet 531 feet 328 feet 387 feet 135 feet 233 feet 240 feet 200 feet 121 feet 121 feet 121 feet 124 feet 241 feet 241 feet 241 feet 240 feet 251 feet 255 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 177 feet 30 feet 505feet 166 feet 115 feet 203 feet 505 feet 302 feet 328 feet 108 feet 200 feet 33 feet Surface Surface 121 feet 89 feet 33 feet 200 feet 46 feet 197 feet 59 feet 66 feet	36/20 Ref. LNM: 25/19 28/19 40/19 40/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 25/22 36/22 36/22 36/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22 37/22	POC: NOAAS FAIR WEATHER 401-378-4022 Catherine Berchok 206-526-6331 Geoff Lebon 206-526-6884 Geoff Lebon 206-526-6884 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4510 David Strausz 206-526-4510		

ALASKA – SOUTHWESTERN – UNIMAK PASS

POSITION:

54°42.606'N, 162°37.872'W

54°37.151'N, 162°35.695'W

TYPE/NAME:

TRBM-1

TRBM-2

TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: Ref. LNM: POC:

407 feet

489 feet

21UPP-1A 54°20.000'N, 164°01.830'W 338 feet 322 feet 26/21 David Strausz 206-526-4510

WATER DEPTH: TOP FLOAT DEPTH: Ref. LNM: POC:

48/16

48/16

Chris Wilson 206-526-6435

Chris Wilson 206-526-6435

405 feet

487 feet

ALASKA - SOUTHWESTERN - UNIMAK PASS (Continued)

TYPE/NAME:	POSITION:	WATED DEDTIL	TOP FLOAT DEPTH:	Dof INM.	DOC:
I T P E/ IN/A IVI E/:	POSITION:	WAIEK DEFIE:	TOP FLOAT DEPTH:	Kel. Linivi:	POC:

AL22-AU-UN01 54°26.150'N, 165°16.310'W 528 feet 502 feet 25/22 Stephanie Grassia 206-526-4539

ALASKA - COOK INLET - KAMISHAK BAY

TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: Ref. LNM: POC:

ADCP-A 59°16'34.5168"N, 154°07'03.6837"W 16 feet 13 feet 03/18 Jason Crockett 907-315-6513 ADCP-B 59°15'24.7255"N, 154°02'45.7066"W 43 feet 39 feet 03/18 Jason Crockett 907-315-6513

ALASKA - GULF OF ALASKA - KODIAK ISLAND - CHINIAK BAY

TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: Ref. LNM: POC:

22CB-1A 57°43.300'N, 152°17.052'W 633 feet 584 feet 36/22 David Strausz 206-526-4510

ALASKA - GULF OF ALASKA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
UAF GAK4M	59°24.231'N, 149°00.731'W	656 feet	328 feet	45/16	Dr. Andrew McDonnell 907-474-7529
WAVE YB-1	59°27'22.248"N, 139°45'02.088"W	UNK	Surface	29/17	Jeremy Kasper 907-371-6510
WAVE YB-2	59°26'58.7349"N, 139°47'46.3194"W	V UNK	Surface	29/17	Jeremy Kasper 907-371-6510
GEO1-2019	59°00.850'N, 148°41.410'W	722 feet	Surface	29/19	Seth Danielson 907-474-7834
GEO2-2019	59°00.917'N, 148°41.604'W	722 feet	72 feet	29/19	Seth Danielson 907-474-7834
GEO3-2019	59°00.988'N, 148°41.797'W	722 feet	Surface	29/19	Seth Danielson 907-474-7834
GA20-AU-BT0	1 57°01.790'N, 152°59.620'W	269 feet	243 feet	40/20	Catherine Berchok 206-526-6331
AOOS-204	59°35.850'N, 151°49.746'W	111 feet	Surface	32/21	James Behrens 858-534-3032

ALASKA - GULF OF ALASKA - RESURRECTION BAY

TITE/NAME. FOSITION. WATER DEFIII. TOF TEGAT DEFIII. RGI. ENM. FOC.	TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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GAKOA 59°54'39.55"N, 149°20'57.47"W 171 feet Surface 13/19 Natalie Monacci 907-474-7956 GAK1 59°51'11.952"N, 149°30'03.96"W 869 feet 66 feet 13/19 Peter Shipton 907-224-4319

ALASKA - PRINCE WILLIAM SOUND

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
PST1	60°39.100'N, 146°16.682'W	154 feet	138 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST2	60°39.338'N, 146° 17.353'W	226 feet	210 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST3	60° 39.568'N, 146° 18.040'W	390 feet	374 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST4	60° 39.798'N, 146° 18.726'W	427 feet	410 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST5	60° 40.028'N, 146°19.413'W	420 feet	404 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST6	60°40.257'N, 146°20.100'W	410 feet	394 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST7	60°40.487'N, 146°20.786'W	295 feet	279 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST8	60°40.717'N, 146°21.473'W	233 feet	217 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST9	60°40.947'N, 146°22.160'W	194 feet	177 feet	18/09	Mary Anne Bishop 907-424-5800 x228
PST10	60°41.176'N, 146°22.846'W	141 feet	125 feet	18/09	Mary Anne Bishop 907-424-5800 x228
LHRT1	60°22.6596'N, 147°51.147'W	225 feet	209 feet	11/14	Mary Anne Bishop 907-424-5800 x228
LHRT2	60°22.6482'N, 147°50.7522'W	364 feet	348 feet	11/14	Mary Anne Bishop 907-424-5800 x228
LHRT3	60°22.668'N, 147°50.5116'W	382 feet	366 feet	11/14	Mary Anne Bishop 907-424-5800 x228
WTRT1	60°44.253'N, 147°59.5596'W	504 feet	488 feet	11/14	Mary Anne Bishop 907-424-5800 x228
WTRT2	60°44.0994'N, 147°59.086'W	504 feet	488 feet	11/14	Mary Anne Bishop 907-424-5800 x228
WTRT3	60°43.938'N, 147°59.448'W	316 feet	300 feet	11/14	Mary Anne Bishop 907-424-5800 x228
PWSSC-15	60°36.791'N, 147°11.996'W	722 feet 197	7 feet (Surfacing 2X per d	lay) 15/16	R. W. Campbell 907-424-5800 x241
H01	60°20.550'N, 146°43.824'W	98 feet	66 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HA	60°20.274'N, 146°43.248'W	591 feet	532 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H02	60°20.400'N, 146°44.520'W	879 feet	791 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HB	60°20.094'N, 146°43.974'W	830 feet	747 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H03	60°20.250'N, 146°45.246'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H04	60°20.112'N, 146°45.966'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H05	60°19.968'N, 146°46.710'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H06	60°19.812'N, 146°47.418'W	896 feet	806 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H07	60°19.668'N, 146°48.138'W	909 feet	818 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H08	60°19.470'N, 146°48.954'W	935 feet	842 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H09	60°19.320'N, 146°49.782'W	1007 feet	906 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H10	60°19.188'N, 146°50.508'W	1060 feet	954 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H11	60°19.008'N, 146°51.228'W	1135 feet	1022 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H12	60°18.888'N, 146°51.930'W	1194 feet	1075 feet	09/17	Mary Anne Bishop 907-424-5800 x228
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	59°55.848'N, 147°49.074'W	446 feet	401 feet	09/17	Mary Anne Bishop 907-424-5800 x228
MB	59°55.512'N, 147°49.512'W	420 feet	378 feet	09/17	Mary Anne Bishop 907-424-5800 x228
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ALASKA - PRINCE WILLIAM SOUND (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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	59°58.536'N, 147°52.458'W	778 feet	700 feet	09/17	Mary Anne Bishop 907-424-5800 x228
MC	59°58.182'N, 147°52.872'W	745 feet	671 feet	09/17	Mary Anne Bishop 907-424-5800 x228
M11	59°58.842'N, 147°52.866'W	472 feet	425 feet	09/17	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
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	59°59.472'N, 148°05.802'W	240 feet	208 feet	09/17	Mary Anne Bishop 907-424-5800 x228
EPA	59°59.064'N, 148°05.952'W	331 feet	299 feet 257 feet	09/17	Mary Anne Bishop 907-424-5800 x228
PWA	60°02.394'N, 148°07.698'W	289 feet		09/17	Mary Anne Bishop 907-424-5800 x228
LP02 POWP06	59°59.082'N, 148°02.208'W	148 feet 177 feet	116 feet 145 feet	09/17 09/17	Mary Anne Bishop 907-424-5800 x228
PWB	60°02.796'N, 148°07.902'W 60°02.418'N, 148°08.208'W	266 feet	234 feet	09/17	Mary Anne Bishop 907-424-5800 x228 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	60°41.454'N, 146°23.496'W	75 feet	55 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-3	60°40.925'N, 146°23.018'W	146 feet	126 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-4	60°40.696'N, 146°22.561'W	195 feet	176 feet	16/17	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	60°41.053'N, 146°24.004'W	59 feet	40 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT2	60°41.071'N, 146°23.896'W	72 feet	53 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT3	60°41.090'N, 146°23.765'W	74 feet	55 feet	16/17	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	223 feet	28/18	Mary Anne Bishop 907-424-5800 x228
NMS1 NMS2	60°18.476'N, 147°40.044'W	131 feet 154 feet	131 feet 154 feet	28/18 28/18	Mary Anne Bishop 907-424-5800 x228
NMS3	60°18.280'N, 147°25.330'W 60°22.657'N, 147°08.341'W	118 feet	118 feet	28/18	Mary Anne Bishop 907-424-5800 x228 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	59°58.586'N, 147°53.254'W	607 feet	597 feet	28/18	Mary Anne Bishop 907-424-5800 x228
MR2	59°58.655'N, 147°53.160'W	581 feet	571 feet	28/18	Mary Anne Bishop 907-424-5800 x228
MR3	59°58.738'N, 147°53.030'W	564 feet	554 feet	28/18	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
HRT2	60°18.135'N, 146°54.227'W	121 feet	111 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	60°33.568'N, 146°01.978"W	110 feet	85 feet	39/18	Mary Anne Bishop 907-424-5800 x228
JP1	60°29.366'N, 146°35.524'W	74 feet	71 feet	10/20	Mary Anne Bishop 907-424-5800 x228
PF1	60°48.720'N, 146°34.464'W	131 feet	128 feet	10/20	Mary Anne Bishop 907-424-5800 x228
ALASKA – GULF	OF ALASKA – YAKUTAT				
TYPE/NAME:	POSITION:		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

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

ALASKA - SOUTHEAST (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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