

# U.S. Department of Homeland Security

# **United States Coast Guard**

# LOCAL NOTICE TO MARINERS

**District: 17** Week: 02/23

-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&region=17.

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

#### BROADCAST NOTICE TO MARINERS

Navigation information previously promulgated by CG Sector Juneau Broadcast Notice to Mariners through J012-23 and CG Sector Anchorage Broadcast Notice to Mariners through A003-23 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**

P through Z

A through H I through O

ADRIFT - Buoy Adrift I - Interrupted PRIV - Private Aid AICW - Atlantic Intracoastal Waterway ICW - Intracoastal Waterway Q - Quick

Page 1 of 21 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

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.

#### 291 ALASKA

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

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

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

TUKLUNG MOUNTAIN – The area near Dillingham, Bristol Bay, and Nushagak Waters.

 ${\sf MARMOT\ ISLAND-The\ Barren\ Islands,\ Eastern\ Afognak\ Island,\ Shuyak,\ Marmot\ Bay,\ and\ Chiniak\ Bay.}$ 

DECEPTION HILLS – The Gulf of Alaska near Cape Fairweather, Lituya Bay, and the Fairweather grounds.

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.

LNM: 02/23

## 292 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°03'54.55"W, -39.5 FT MLLW

Left Inside Quarter 61°11'39.75"N, 150°07'00.55"W, -38.6 FT MLLW

Right Inside Quarter 61°11'37.86"N, 150°06'57.61"W, -39.4 FT MLLW

Right Outside Quarter 61°12'13.42"N, 150°04'19.01"W, -41.8 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 May 2023. 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: 02/23

#### ALASKA - SOUTHEAST - TENAKEE INLET

300

302

323

Tenakee Inlet Entrance LT 1 (LLNR 24065) is destroyed and has been temporarily decommissioned and Tenakee Inlet Entrance LB 1 (LLNR 24065.1) has been established in position 57°46′19.284″N, 134°55′36.987″W. Tenakee Inlet Entrance LB 1 is a green can buoy with a green light flashing every 4 seconds. 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: 49/22

## ALASKA - SOUTHCENTRAL - COOK INLET

The Captain of the Port (COPT), Western Alaska, through consultation with the Southwest Alaska Pilots Association (SWAPA) and members of the Cook Inlet Harbor Safety Committee have developed Operating Guidelines for Ice Conditions in Cook Inlet. Currently, both the LOWER and UPPER Cook Inlet Operating Guidelines for Ice Conditions have been implemented. The Guidelines as well as additional information are available through the following website: https://homeport.uscg.mil/Lists/Content/DispForm.aspx?ID=78987&Source=/Lists/Content/DispForm.aspx?ID=78987 Additional information can also be obtained from an enclosure to this LNM. Questions/concerns should be directed to the Coast Guard Sector Anchorage Command Center at 907-428-4100 or by email to sector.anchorage@uscg.mil.

LNM: 49/22

## ALASKA - SOUTHEAST - FRESHWATER INLET - PAVLOF HARBOR

The F/V BAILEY BAY has sunk in position 57°50.985′N, 135°01.725′W in approximately 30 feet of water. The F/V BAILEY BAY is a 33′ fiberglass fishing vessel and there may be fishing gear or debris attached to or in the vicinity of the vessel. Mariners are advised to transit the area with caution.

LNM: 43/22

# 325 ALASKA – SOUTHEAST – ICY STRAIT – ICY PASSAGE

A kelp farm has been established in Icy Passage along the North shore of Pleasant Island in approximate position 58°21′30″N, 135°32′32″W. The kelp farm is marked with two private lighted buoys. Aquatic Plant Farm LB A (LLNR 24177) is a yellow buoy with a FI 4 second light and is located in position 58°21′16.980″N, 135°32′32.700″W. Aquatic Plant Farm LB B (LLNR 24278) is a yellow buoy with a FI 6 second light and is located in position 58°21′47.580″N, 135°32′32.500″W. Chart and Light List corrections will be published in a subsequent LNM. Questions/concerns should be directed to Brian Delay at 907-321-1952 or by email to rainydawnfarms@gmail.com.

LNM: 42/22

## 338 ALASKA – SOUTHCENTRAL – PRINCE WILLIAM SOUND – BARRY ARM

The State of Alaska is issuing routine updates on the Barry Arm Landslide Tsunami risk. This threat is located in Barry Arm, Northwestern Prince William Sound, and has the potential to create a tsunami when it falls into the water. It is uncertain if and when this might occur, but if it occurs localized wave heights will be very hazardous in Barry Arm and Harriman Fjord. Port Wells and Passage Canal will also see inundation and strong, unusual currents for hours following this event. The geologic makeup of the area is similar to Alaskan locations where two previous landslide caused tsunamis occurred, in Lituya Bay (1958) and Icy Bay (2015), both causing extremely large but localized tsunamis. Mariners should 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: 40/22

# 341 \*\*\*\*CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS\*\*\*\*

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

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

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

An online NOAA Custom Chart application at: https://devgis.charttools.noaa.gov/pod is available to create chart images from ENC data, which

LNM: 09/21

## 342 SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

The U.S. Coast Guard has become aware that the Range and Sector Light Characteristic labels are not displayed on Electronic Navigational Charts (ENCs) when used in an Electronic Chart Display and Information System (ECDIS) due to limitations of the S-52 ECDIS display specification. Mariners may query the ENC data directly within ECDIS or refer to the Light List for complete information on Range and Sector Light Characteristics.

LNM: 39/22

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

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

LNM: 38/22

## 352 ALASKA – SOUTHEAST – TONGASS NARROWS

346

360

372

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.

LNM: 37/22

## 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.

LNM: 36/22

# 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

# 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

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

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

(https://www.navcen.uscg.gov/?pageName=cgcommsCall). The three U.S. Coast Guard Command Centers (CC) located in Alaska are: CG Sector

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

LNM: 50/21

## 514 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@uscg.mil.

LNM: 40/21

## 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@uscq.mil.

LNM: 37/21

## 529 ALASKA

520

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

## 551 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

## 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@uscg.mil.

LNM: 23/21

## 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

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

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

#### ALASKA – GULF OF ALASKA

918

930

937

939

970

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@uscq.mil.

LNM: 28/19

## ALASKA – SOUTHCENTRAL – PRINCE WILLIAM SOUND – UNAKWIK INLET

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

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

# 946 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

## 964 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@uscg.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

## 971 ALASKA - CENTRAL – BETHEL

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

## 972 ALASKA – ALEUTIAN ISLANDS – AKUTAN ISLAND – AKUTAN HARBOR

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

#### 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

974

977

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

# 984 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@uscg.mil.

I NM: 15/15

# 988 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

## 990 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	
1090	Yakutat Bay Entrance Lighted Whistle Buoy 2	LT EXT	16760	J127-22	40/22	
1150	Seal Rocks Light	DAYMK MISSING	16682		44/21	
1260	Cape Greig Light	LT EXT/DAYMK DMGD	16011	A100-21	37/21	
1285	Cape Mohican Light	LT EXT	16530	A076-22	33/22	
1300	Kwiguk Pass Entrance Light	DAYMK DMGD	16240	A107-22	40/22	
1345	Cape Rodney Light	DAYMK DMGD	16200	A096-22	38/22	
1350	Point Spencer Light	DAYMK DMGD	16204	A098-22	38/22	
1360	Shishmaref Light	DAYMK DMGD	16005	A099-22	38/22	
21840	Tree Point Light	LT EXT	17434	J146-22	45/22	
21850	Cape Chacon Light	DAYMK DMGD	17420	J095-22	31/22	
21935	Slate Islands Light	DAYMK DMGD	17434	J132-22	42/22	
22040	Nichols Passage East Channel Daybeacon 2	STRUCT DEST	17435	J130-22	41/22	
22270	Refuge Cove Daybeacon 3	STRUCT DEST	17428	J143-22	43/22	
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	
22470	Lincoln Rock West Light	DAYMK DMGD	17382	J123-22	39/22	
22480	Key Reef Light	DAYMK DMGD	17382	J124-22	39/22	
22490	Nesbitt Reef Light	LT EXT	17383	J104-22	34/22	
22525	Bay Point Daybeacon BP	DAYMK DMGD	17383	J174-22	51/22	
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	
23280	Five Finger Light	LT EXT	17360	J010-23	02/23	
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	
23510	Point Ellis Light	LT EXT	17376	J028-21	08/21	
23632	Holkham Bay Buoy 2	OFF STA	17311	J094-22	31/22	
23800	Gibby Rock Light 2	DAYMK DMGD	17315	J026-22	08/22	
23945	Favorite Reef Light 2	STRUCT DEST	17316	J157-22	47/22	

23960	False Point Retreat Light 4	LT EXT	17316	J173-22	51/22
24260	Elfin Cove Daybeacon 5	STRUCT DEST	17302	J017-18	36/19
24675	Cape Lynch Light	LT EXT	17404	J024-22	07/22
24790	Dry Pass Daybeacon 3	STRUCT DEST	17387	J072-18	23/18
24900	Elovoi Island Rock Daybeacon 1	DAYMK MISSING/STRUCT DMGD	17326	J0117-21	42/21
24948	Indian River Flats Lighted Buoy 2	LT EXT	17327	J032-20	09/20
25060	Big Gavanski Island Light 3	LT EXT	17324	J103-22	34/22
25355	Dippy Island Rock Daybeacon 3	STRUCT DEST	17321	J112-22	35/22
25420	Yakutat Bay Entrance Lighted Whistle Buoy 2	LT EXT	16760	J127-22	40/22
25550	Hanks Island Rock Light 5	STRUCT DMGD	16708	A119-22	43/22
25982	NOAA Data Lighted Buoy 46076	OFF STA	16700	A060-20	23/20
25995	Caines Head Light	LT EXT	16682	A127-22	46/22
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
26910	Aiaktalik Island Light 5	DAYMK DMGD	16580	A133-20	49/20
26925	Lazy Bay Light 2	DAYMK DMGD	16580	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
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
27505	Bailey Ledge Light	LT EXT/STRUCT DMGD	16529	A122-20	43/20
27827	St. George Harbor Entrance Light 1	STRUCT DEST		A118-22	42/22
27865	Kwiguk Pass Entrance Light	DAYMK DMGD	16240	A107-22	40/22
27920	Unalakleet River South Spit Light	DAYMK DMGD	16200	A097-22	38/22
27975	Point Spencer Light	DAYMK DMGD	16204	A098-22	38/22

# DISCREPANCIES (FEDERAL AIDS) CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
23125	Wrangell Narrows Channel Light 52	WATCHING PROPERLY	17375	J012-23	02/23	02/23
25140	Wyvill Reef Lighted Buoy 22	WATCHING PROPERLY	17324	J007-23	01/23	02/23
25145	Highwater Island Shoal Lighted Buoy 23	WATCHING PROPERLY	17324	J008-23	01/23	02/23
25190	West Francis Rock Lighted Buoy 6	WATCHING PROPERLY	17323	J009-23	01/23	02/23
25560	The Narrows Light 8	WATCHING PROPERLY	16710	A001-23	01/23	02/23
26095	Perl Rock Light	WATCHING PROPERLY	16645	A003-23	27/22	02/23

# DISCREPANCIES (PRIVATE AIDS)

LLNR	Aid Name	Status	Chart No.	. BNM Ref.	LNM St	LNM End
22201	Bar Harbor Breakwater East Light	STRUCT DEST	17430	J202-15	47/15	
22202	Bar Harbor Breakwater Middle Light	STRUCT DEST	17430	J203-15	47/15	
22203	Bar Harbor Breakwater West Light	STRUCT DEST	17430	J204-15	47/15	
23908	Port Chilkoot Mooring Dolphin Lights (2)	LT EXT	17317	J175-14	38/14	
25822	Port Valdez Servs Dock Lights (2)	OFF STA	16707	A067-19	24/19	
25893	Whittier Passenger Dock Lights (2)	LT EXT		A031-10	20/10	

26010 Seward Marine Dock Light LT EXT 16682 20/22 **DISCREPANCIES (PRIVATE AIDS) CORRECTED** LLNR Aid Name Status Chart No. BNM Ref. LNM St LNM End None **PLATFORM DISCREPANCIES** Position BNM Ref. LNM St LNM End Name Status None PLATFORM DISCREPANCIES CORRECTED Position LNM St LNM End Name Status BNM Ref. None SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED This section contains temporary changes and corrections to Aids to Navigation for this edition. When charted aids are temporarily relocated for dredging, testing, evaluation, or marking an obstruction, a temporary correction shall be listed in Section IV giving the new position. **TEMPORARY CHANGES** LLNR Chart No. BNM Ref. LNM St LNM End Aid Name Status 23355 Portage Pass Daybeacon 11 TRUB 17368 J093-18 30/18 23790 Horse Shoal Light 1 DISCONTINUED 17315 J102-19 51/19 DISCONTINUED 17300 24065 Tenakee Inlet Entrance Light 1 J172-22 50/22 24957 DISCONTINUED 17327 J022-17 Mitchell Rock Daybeacon 04/17 25025.5 DISCONTINUED 17327 J196-16 49/16 Japonski Island Daybeacon 2 25647 DISCONTINUED 16705 NOAA Data Lighted Buoy 46081 A126-19 46/19 25805 Port Valdez Coast Guard Mooring Buoy DISCONTINUED 16707 A095-18 33/18 **TEMPORARY CHANGES CORRECTED** BNM Ref. LNM St LNM End LLNR Aid Name Status Chart No. None PLATFORM TEMPORARY CHANGES LNM St Status Position BNM Ref. LNM End Name None

PLATFORM TEMPORARY CHANGES CORRECTED

LNM St

Name Status Position BNM Ref. LNM End None

Page 10 of 21 Coast Guard District 17

## **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. Last Local Notice Source of Chart Chart Edition Horizontal Current Local Number Edition Date to Mariners Datum Reference Correction Notice to Mariners 12327 19-APR-97 Last LNM: 26/97 91st Ed. **NAD 83** 27/97 Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER Main Panel 2245 NEW YORK HARBOR CGD01 (Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 at 40-41-09.001N 074-02-48.001W - 1 Green can Object of Corrective Corrective 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. 16322 9th Ed. 02/23 01-MAY-14 Last LNM: 21/14 **NAD 83** ChartTitle: Bristol Bay-Nushagak B and approaches Main Panel 2459 BRISTOL BAY NUSHAGAK BAY AND APPROACHES. Page/Side: N/A NOS LAST EDITION No new editions of chart 16322 will be published. It will be canceled on 31-May-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. 16323 02/23 10th Ed. 01-APR-15 Last LNM: 14/15 NAD 83 ChartTitle: Bristol Bay-Kvichak Bay and approaches Main Panel 2461 BRISTOL BAY KVICHAK BAY AND APPROACHES. Page/Side: A NOS LAST EDITION No new editions of chart 16323 will be published. It will be canceled on 31-May-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. 16705 21st Ed. 02/23 01-APR-15 Last LNM: 32/20 **NAD 83** ChartTitle: Prince William Sound-western part Main Panel 2601 PRINCE WILLIAM SOUND WESTERN PART. Page/Side: A NOS LAST EDITION No new editions of chart 16705 will be published. It will be canceled on 31-May-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. 16712 02/23 2nd Ed. 01-MAR-15 Last LNM: 12/15 **NAD 83** ChartTitle: Unakwik Inlet to Esther Passage and College Fiord Main Panel 2960 UNAKWIK INLET TO ESTHER PASSAGE AND COLLEGE FIORD. Page/Side: A NOS LAST EDITION No new editions of chart 16712 will be published. It will be canceled on 31-May-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. 02/23 16762 10th Ed. 01-JUN-14 Last LNM: 23/14 **NAD 83** ChartTitle: Lituya Bay;Lituya Bay Entrance Main Panel 2616 LITUYA BAY. Page/Side: A NOS LAST EDITION No new editions of chart 16762 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. 17301 9th Ed. 01-NOV-14 02/23 Last LNM: 53/19 **NAD 83** ChartTitle: Cape Spencer to Icy Point

Main Panel 26	20 CAPE SPENCER TO	ICY POINT. Page/Side	: A			
LAST EDITION	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Sectio NOAA charts is at https:/	or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 		
	Ed. 01-MAY-15 nd Cross Sound;Inian Co 21 ICY STRAIT AND CRO	•	NAD 83 le: A		02/	123
LAST EDITION	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Section NOAA charts is at https:/	or larger scale Electronic ple. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 		
17303 11th ChartTitle: Yakobi Isla	Ed. 01-MAY-14 nd and Lisianski Inlet;Pe	Last LNM: 30/16 elican Harbor	NAD 83		02/	/23
Main Panel 26	24 YAKOBI ISLAND AND	D LISIANSKI INLET. Pa	age/Side: N/A			
LAST EDITION	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Section NOAA charts is at https:/	or larger scale Electronic ple. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 		
17311 2nd E		Last LNM: 39/19	NAD 83		02/	/23
	ay And Tracy Arm - Step 40  HOLKHAM BAY AND	•	FNS PASSAGE Page/S	ide: N/A		
Maii i alici 23	TO HOLKHAM DAT AND	TICACT ARM - OTETT	LNO 1 AOOAOL. 1 age/o	NOS		
LAST EDITION	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Sectic NOAA charts is at https:/	or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled			
17312 3rd E ChartTitle: Hawk Inlet,	Chatham Strait	Last LNM: 24/20	NAD 83		02/	123
Main Panel 29	86 HAWK INLET, CHATH	IAM STRAIT. Page/Sic	de: N/A	NOS		
LAST EDITION	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https:/	or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	 		
17313 9th E		Last LNM: 26/09	NAD 83		02/	/23
	SHAIH 27 PORT SNETTISHAM.	Page/Side: N/A				
	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Section NOAA charts is at https:/	17313 will be published or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 		
	Ed. 01-NOV-14 d Limestone Inlets and T 28 SLOCUM AND LIMES		NAD 83	le: A	02/	123
	No new editions of chart 01-Feb-23. Comparable of (ENC) coverage is availal Nautical Charts" in Section NOAA charts is at https:/	17314 will be published or larger scale Electronic ble. See "Cancellation of on I of this LNM for detai	. It will be canceled on Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 		
17317 21st l	Ed. 01-MAY-15	Last LNM: 22/20	NAD 83		02/	/23
-	I-Point Sherman to Skag 34 LYNN CANAL POINT	way;Lutak Inlet;Skagw	ay and Nahku Bay;Porta	age Cove, Chilkoot Inlet		

NOS

LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17317 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17318 8th E ChartTitle: Glacier Bay Main Panel 26	0	Last LNM: 29/21 /Side: N/A	NAD 83	NOS	02/23
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17318 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
•	ırd to Lisianski Strait, Ch	· ·	NAD 83		02/23
Main Panel 26	45 CAPE EDWARD TO L	ISIANSKI STRAIT. Page/	/Side: N/A	NOC	
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17321 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled	NOS 	
•	Chichagof Island Elbow	•	NAD 83		02/23
Main Panei 26	46 WEST COAST OF CH	ICHAGOF ISLAND KHAZ	Z BAY. Page/Side: N//	NOS	
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17322 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17325 10th	Ed. 01-MAR-15 West Coasts of Kruzof Is	Last LNM: 12/15	NAD 83		02/23
		OASTS OF KRUZOF ISLA	AND. Page/Side: A		
				NOS	
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17325 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled	<del>-</del>	
• •	to Crawfish Inlet,Barano		NAD 83		02/23
Main Panel 26	59 BARANOF ISLAND S	NIPE BAY TO CRAWFISH	H INLET. Page/Side:	N/A NOS	
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17328 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
	t of Baranof Island Cape	Last LNM: 10/15 Ommaney to Byron Bay BYRON BAY. Page/Side	NAD 83		02/23
walli Fallel 20	OI SAFE CIVILVIAINET TO	DINOR DAT. Fage/Side		NOS	
LAST EDITION	01-Feb-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17330 will be published. It or larger scale Electronic Na ole. See "Cancellation of NC on I of this LNM for details. /www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17331 9th E ChartTitle: Chatham S	*	Last LNM: 16/15 enclusion, and Armstrong	NAD 83		02/23
Main Panel 26	63 PORTS ALEXANDER	CONCLUSION AND ARM	MSTRONG. Page/Side		
LAST EDITION	No new editions of chart	17331 will be published. It	will be canceled on	NOS 	

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.

17333 10th Ed. 01-MAR-13	Last LNM: 17/13	NAD 83		02/23
ChartTitle: Ports Herbert, Walter, Lucy and Main Panel 2664 PORTS HERBERT	_	STRONG. Page/Side: I	N/A	
(ENC) coverage is av Nautical Charts" in Se	nart 17333 will be published. I ole or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster . A list of all canceled	NOS	
17335 9th Ed. 01-MAR-13 ChartTitle: Patterson Bay and Deep Cove	Last LNM: 17/13	NAD 83		02/23
Main Panel 2665 PATTERSON BAY	AND DEEP COVE. Page/S	ide: N/A	NOS	
(ENC) coverage is av Nautical Charts" in Se	nart 17335 will be published. I ole or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster A list of all canceled		
17336 10th Ed. 01-JAN-13  ChartTitle: Harbors in Chatham Strait and v  Strait; Herring Bay and Chapin E	Bay, Frederick Sound;Surpri	ise Hbr, and Murder Co		02/23
Unrelated 2666 HARBORS IN CHA	THAM STRAIT AND VICINIT	Y. Page/Side: N/A	NOS	
(ENC) coverage is av Nautical Charts" in Se	nart 17336 will be published. I ole or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster A list of all canceled		
17337 10th Ed. 01-MAR-12 ChartTitle: Harbors in Chatham Strait Kelp Unrelated 2671 WARM SPRING BA				02/23
(ENC) coverage is av Nautical Charts" in Se	nart 17337 will be published. I ole or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster A list of all canceled	NOS 	
17338 15th Ed. 01-MAR-12 ChartTitle: Peril StrHoonah Snd. to Chath	Last LNM: 11/12	NAD 83		02/23
Main Panel 2675 PERIL STRAIT HO		RAIT. Page/Side: N/A		
(ENC) coverage is av Nautical Charts" in Se	nart 17338 will be published. I ble or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster A list of all canceled	NOS 	
17339 13th Ed. 01-APR-12 ChartTitle: Hood Bay and Kootznahoo Inlet		NAD 83		02/23
Main Panel 2676 HOOD BAY AND I	KOOTZNAHOO INLET. Page	e/Side: N/A	NOS	
(ENC) coverage is av Nautical Charts" in Se	nart 17339 will be published. I ole or larger scale Electronic N ailable. See "Cancellation of N ection I of this LNM for details ps://www.charts.noaa.gov/M	lavigational Chart IOAA Paper and Raster A list of all canceled		
17341 10th Ed. 01-APR-12  ChartTitle: Whitewater Bay and Chaik Bay,  Main Panel 2678 WHITEWATER BA		NAD 83		02/23
LAST EDITION No new editions of ch	•		NOS 	

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.

	Ed. 01-NOV-14 Bay, Stephens Passage B81 GAMBIER BAY. Pag	Last LNM: 46/14 e/Side: A	NAD 83		02/23
LAST EDITION	01-Feb-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17362 will be published. It or larger scale Electronic Noble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	NOS 	
, ,	, Frederick Sound;Hoba	Last LNM: 09/22 rt and Windham Bays, Sto ICK SOUND. Page/Side:	•		02/23
LAST EDITION	01-Feb-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17363 will be published. It or larger scale Electronic No ble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	NOS 	
	ki and Eliza Hbrs.;Fansha	Last LNM: 25/14 aw Bay and Cleveland Pa IZA HARBORS. Page/Sic	•	NOC	02/23
LAST EDITION	01-Feb-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17365 will be published. It or larger scale Electronic No ble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	NOS 	
· ·	arragut, and Portage Bay	Last LNM: 32/14 ys, Frederick Sound T AND PORTAGE BAYS.	NAD 83 Page/Side: A	NOS	02/23
LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availa Nautical Charts" in Section	17367 will be published. It or larger scale Electronic N. ble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled		
	t-northern part, including	Last LNM: 09/22 g Saginaw and Security B HERN PART. Page/Side:	•	•	02/23
LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availa Nautical Charts" in Section	17368 will be published. It or larger scale Electronic N. ble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	NOS 	
•	ars and Rowan Bay, Cha	Last LNM: 15/15 tham Strait;Washington B DWAN AND WASHINGTO	• •	NOS	02/23
LAST EDITION	01-Mar-23. Comparable (ENC) coverage is availal Nautical Charts" in Section	17370 will be published. It or larger scale Electronic N ble. See "Cancellation of No on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	 	
	t-Monte Carlo Island to E	Last LNM: 50/09 intrance Island;The Sumr KEKU STRAIT. Page/Side	•	Nos	02/23
LAST EDITION		17372 will be published. It or larger scale Electronic N		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.

•	Ed. 01-DEC-09 Last LNM: 31/22 arrows;Petersburg Harbor 8 CONTINUATION OF WRANGELL NARROW	NAD 83 S. Page/Side: N/A		02/23
LAST EDITION	No new editions of chart 17375 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	c Navigational Chart f NOAA Paper and Raster iils. A list of all canceled	NOS 	
	l. 01-OCT-12 Last LNM: 43/12 ay and Port Malmesbury 1 TEBENKOF BAY AND PORT MALMESBUR\	NAD 83 Y. Page/Side: N/A		02/23
LAST EDITION	No new editions of chart 17376 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	c Navigational Chart f NOAA Paper and Raster iils. A list of all canceled	NOS 	
17377 2nd E ChartTitle: Le Conte Ba		NAD 83		02/23
	No new editions of chart 17377 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	I. It will be canceled on C Navigational Chart F NOAA Paper and Raster iils. A list of all canceled	NOS 	
	ed. 01-MAY-14 Last LNM: 19/14 tion, Prince of Wales Island 2 PRINCE OF WALES ISLAND PORT PROTE	NAD 83 ECTION. Page/Side: N/A	NOS	02/23
LAST EDITION	No new editions of chart 17378 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	c Navigational Chart f NOAA Paper and Raster iils. A list of all canceled	NOS 	
17379 2nd E ChartTitle: Shakan Bay Main Panel 299	2000 2000	NAD 83 e/Side: N/A		02/23
LAST EDITION	No new editions of chart 17379 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	c Navigational Chart f NOAA Paper and Raster iils. A list of all canceled	NOS 	
17381 11th E ChartTitle: Red Bay, Pt Main Panel 270		NAD 83		02/23
LAST EDITION	No new editions of chart 17381 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	c Navigational Chart f NOAA Paper and Raster iils. A list of all canceled	NOS 	
17383 4th Ed ChartTitle: Snow Passa	age, Alaska	NAD 83		02/23
	2 SNOW PASSAGE; ALASKA. Page/Side: A  No new editions of chart 17383 will be published 01-Mar-23. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of	c Navigational Chart	NOS 	

17386 5th E	UI UEI IE	Last LNM: 36/19	NAD 83		02/23
	11 SUMNER STRAIT SO	OUTHERN PART. Page/S	Side: N/A		
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note. See "Cancellation of Note I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled	NOS 	
	Ed. 01-JUN-14 d Shipley Bays and Part 13 SHAKAN AND SHIPL	-		GE. Page/Side: A	02/23
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note: See "Cancellation of Note: I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled	NOS 	
•	Ed. 01-MAR-15 ind approaches, Clarence 16 LAKE BAY AND APP		NAD 83		02/23
main Fanci 21	IV LAILE DAT AND AFF	NOACILO CLANLINGE	OTTAIT. Tayerolue. A	NOS	
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note: See "Cancellation of Note: I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled	~ <del>_</del>	
	Ed. 01-DEC-10 Entrances to Sumner Stra 17 SOUTHERN ENTRAN		NAD 83 NT. Page/Side: N/A		02/23
				NOS	
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note: See "Cancellation of Note: I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled	_	
	nlet and Sea Otter Sound	•	NAD 83		02/23
Main Panei 27	18 DAVIDSON INLET AN	ID SEA OTTER SOUND.	Page/Side: N/A	NOS	
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note:  Ole. See "Cancellation of Note:  On I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled		
	Ed. 01-OCT-13 oval Channel to Cape Ly 20 SAN CHRISTOVAL CI		NAD 83		02/23
Maii i alici 27	20 OAN ONNOTOVAL O	HANNEL TO GALLETIN	on. rage/olde. N/A	NOS	
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic Note. See "Cancellation of Note I of this LNM for details	Navigational Chart NOAA Paper and Raster S. A list of all canceled	<del>1</del>	
	Ed. 01-OCT-13 inel to San Christoval Ch 21 ULLOA CHANNEL TO		•	A	02/23
LAST EDITION	No new editions of chart 01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	or larger scale Electronic Note. See "Cancellation of N	Navigational Chart NOAA Paper and Raster	NOS 	-

			. ,	•	J ,	,			
<b>17406</b> Chart	8th E Title: Baker, Noy		01-OCT-13 IluIslands and	Last LNM: 45/13 adjacent waters	3	NAD 83			02/23
	Main Panel 272	25 BAKE	R NOYES AND	LULU ISLANDS A	AND ADJ	ACENT WATERS. P	age/Side: N/A NOS		
	LAST EDITION	01-Mar-2 (ENC) cov Nautical (	3. Comparable overage is availab Charts" in Section	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	AA Paper and Raster A list of all canceled			
<b>17407</b> <i>Chart</i>	16th l Title: Northern page 27:	art of Tlev				NAD 83 LOA CHANNEL. Pa	nge/Side: A		02/23
							NOS		
	LAST EDITION	01-Mar-2 (ENC) cov Nautical (	3. Comparable overage is availate Charts" in Section	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	AA Paper and Raster A list of all canceled			
17408 Chart	9th E Title: Central Dal	l Island a	•	Last LNM: 15/1		NAD 83			02/23
	Main Panei 27	2/ CENIF	AL DALL ISLA	AND AND VICINIT	Y. Page/s	Side: A	NOS		
	LAST EDITION	31-May-2 (ENC) cov Nautical (	<ol> <li>Comparable verage is availate charts" in Section</li> </ol>	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	AA Paper and Raster A list of all canceled			
<b>17422</b> Chart 7	10th   Title: Behm Cana	al-western		Last LNM: 32/18		NAD 83			02/23
	Main Panel 27	30 WESTI	ERN PART OF	BEHM CANAL. P	age/Side	: A	NOS		
	LAST EDITION	01-Mar-2 (ENC) cov Nautical (	3. Comparable overage is availate Charts" in Section	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	AA Paper and Raster A list of all canceled			
17423	15th	Ed (	01-SEP-13	Last LNM: 19/1	4	NAD 83			02/23
	Title: Harbor Cha Bay, Revilla	arts-Clarei agigedo Is	nce Strait and I land;Tolstoi a	Behm Canal Dew	ey Ancho Prince of	rage, Etolin Island;F Wales Is.;Union Bay	Ratz Harbor, Prince of Wales Isla y, Cleveland Peninsula	nd;Nah	
	LACT EDITION	No new e	ditions of chart	17/123 will be pub	liched It v	will be canceled on	NOS		
	LAST EDITION	01-Mar-2 (ENC) cov Nautical (	3. Comparable overage is availate Charts" in Section	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	vigational Chart AA Paper and Raster A list of all canceled		_	
<b>17424</b> Chart	9th E	al-eastern	•	Last LNM: 17/1		NAD 83			02/23
	Main Panel 27	3/ EASIE	RN PART OF I	BEHM CANAL. P	age/Side:	N/A	NOS		
	LAST EDITION	01-Mar-2 (ENC) cov Nautical (	3. Comparable overage is availate Charts" in Section	or larger scale Elec ble. See "Cancellat	ctronic Navion of NOA r details. A	AA Paper and Raster A list of all canceled			
<b>17425</b> Chart	7th E Title: Portland Ca	-	)1-MAY-15 of Hattie Islar	Last LNM: 21/1	5	NAD 83			02/23
	Main Panel 27	38 PORTL	AND CANAL	NORTH OF HATT	IE ISLAN	D. Page/Side: A			
	LAST EDITION	01-Mar-2 (ENC) cov	3. Comparable o verage is availal	or larger scale Elec ble. See "Cancellat	tronic Nav	will be canceled on vigational Chart AA Paper and Raster A list of all canceled	NOS 		

	. ,,	3 ,	,		
17426 16th E		Last LNM: 23/16 Anchorage, eastern part;	NAD 83 Lyman Anchorage		02/23
		E OF WALES ISLAND. F			
			g	NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17426 will be published. It or larger scale Electronic Na de. See "Cancellation of NC n I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17427 8th Ec	d. 01-MAY-15	Loot I NM: 07/22	NAD 02		02/23
ChartTitle: Portland Ca	inal - Dixon Entrance to	Last LNM: 07/22 Hattie I. NXON ENTRANCE TO HA	NAD 83 ATTIE ISLAND. Page/	Side: A	02/23
			•	NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17427 will be published. It or larger scale Electronic Na de. See "Cancellation of NC n I of this LNM for details. 'www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17431 12th E	Ed. 01-DEC-14 ordova Bay and Hetta In	Last LNM: 34/20 let	NAD 83		02/23
Main Panel 274	9 NORTH END OF COR	DOVA BAY AND HETTA	INLET. Page/Side: A		
				NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17431 will be published. It or larger scale Electronic Na de. See "Cancellation of NC n I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		
17432 8th Ed	d. 01-MAR-15	Last LNM: 06/18	NAD 83		02/23
ChartTitle: Clarence St	• · · · · · · · · · · · · · · · · · · ·	Lust Litin. Voi 10	NAD 00		
Main Panel 275	1 CLARENCE STRAIT A	ND MOIRA SOUND. Pag	ge/Side: A		
				NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17432 will be published. It or larger scale Electronic Na le. See "Cancellation of NC on I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled	<del>-</del>	
17435 17th E	Ed. 01-MAY-14	Last LNM: 48/22	NAD 83		02/23
ChartTitle: Harbors in 0		ster, Annette Island;Tam		sland;Metlakatla Harbor	02/20
LAST EDITION		47405 111 111 1 1		NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17435 will be published. It or larger scale Electronic Na de. See "Cancellation of NC on I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled		
17436 10th E	Ed. 01-JUN-14 rait, Cholmondeley Sour	Last LNM: 32/18	NAD 83		02/23
		UND & SKOWL ARM. Pa	age/Side: A		
			. J	NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17436 will be published. It or larger scale Electronic Na de. See "Cancellation of NC on I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster A list of all canceled		
17437 11th E	d. 01-AUG-17	Last LNM: 07/22	NAD 83		02/23
ChartTitle: Portland Inl					
Main Panel 276	1 PORTLAND INLET TO	NAKAT BAY Page/S	Side: -		
LACT EDITION	No service district Color	47407		NOS	
	01-Mar-23. Comparable of (ENC) coverage is available Nautical Charts" in Section	17437 will be published. It or larger scale Electronic Na de. See "Cancellation of NC on I of this LNM for details. www.charts.noaa.gov/MC	avigational Chart DAA Paper and Raster A list of all canceled		

# OIL RIG MOVEMENT **Drill Rigs/Vessels Removed** Latitude Longitude Block Rigs/Vessel Chart Type Status None **Drill Rigs/Vessels Established** Latitude Longitude **Block** Rigs/Vessel Chart Status Type 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 **Project Date** Ref. LNM Approved Project(s) None Advance Notice(s) ALASKA - SOUTHEAST - SITKA 690 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@uscq.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 Docket No. Closing Ref. LNM Proposed Project(s) 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. LNM: 26/18 **SECTION VII - GENERAL** This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas. None **SECTION VIII - LIGHT LIST CORRECTIONS** An Asterisk \*, indicates the column in which a correction has been made to new information

None

(1)

No. None (2)

Name and Location

(3)

Position

(4)

Characteristic

(5)

Height

**PUBLICATION CORRECTIONS** 

(6)

Range

(7)

Structure

(8)

Remarks

# **ENCLOSURES**

## ALASKA - SOUTHCENTRAL - COOK INLET

4922 Uper Cook Inlet Ice.pdf

Operating Guidelines for Ice Conditions in Cook Inlet

LNM: 49/22

**ALASKA** 

0223 AMSEA.pdf AMSEA Maritime Training

LNM: 02/23

ALASKA - SOUTHCENTRAL - COOK INLET

5222 Lower Cook Inlet Ice.pdf

Operating Guidelines for Ice Conditions in Cook Inlet

LNM: 52/22

**ALASKA** 

4922 Subsurface Buoys.pdf

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

LNM: 49/22

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



Commander
United States Coast Guard
Sector Anchorage

PO Box 5800 JBER, AK 99505 Staff Symbol: s Phone: 907-428-4200 FAX: 907-428-4218

16710 December 6, 2022

# CAPTAIN OF THE PORT, WESTERN ALASKA NAVIGATION SAFETY ADVISORY

Dear Mariner:

Cold temperatures are causing a significant buildup of ice in the upper Cook Inlet that poses extreme danger to vessels. To assist mariners, we are implementing the **Operating Guidelines** for Ice Conditions for Upper Cook Inlet, effective December 6, 2022. These guidelines were updated and signed on October 25, 2022.

All vessels scheduled to arrive in areas north of Homer, AK in Cook Inlet must submit a voyage plan no less than 24 hours prior to arrival at the Kachemak Bay Pilot Station. We have posted a voyage plan template and the Guidelines referenced above to the Sector Anchorage Homeport webpage.

Sector Anchorage Homeport webpage: <a href="https://homeport.uscg.mil/port-directory/western-alaska-(anchorage">https://homeport.uscg.mil/port-directory/western-alaska-(anchorage)</a>

While use of the voyage plan template is not mandatory, your voyage plan must include all information listed in the template. Voyage plans must be e-mailed to <a href="Sector.Anchorage@uscg.mil">Sector.Anchorage@uscg.mil</a>. Based on information in your voyage plan, we will determine if the vessel needs an exam prior to entry into Cook Inlet and will notify the submitter if an exam is required. Vessel agents can coordinate with Marine Safety Detachment Homer at (907) 235-3292 to schedule an exam.

The National Weather Service's Cook Inlet Sea Ice analysis: <a href="https://www.weather.gov/afc/ice">https://www.weather.gov/afc/ice</a>

Please direct questions regarding this advisory, or the Guidelines referenced above, to the Sector Anchorage Waterways Management Division at (907) 428-4100.

Sincerely,

Captain, U. S. Coast Guard

Captain of the Port, Western Alaska

Copy: Commander, Seventeenth Coast Guard District (dp)



# Alaska Marine Safety Education Association

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

# For Immediate Release

Date Issued: January 6, 2023 Kill Date: January 13, 2023

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

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

Register online at www.amsea.org or call (907) 747-3287.

# **Fishing Vessel Drill Conductor Workshops**

These workshops give participants hands-on training with emergency equipment that should be onboard any commercial fishing vessel, such as PFDs, life rafts, immersion suits, EPIRBs, fire extinguishers. Participants practice emergency procedures like man overboard, abandon ship, firefighting and flooding control.

The workshops are US Coast Guard-accepted and meet the training requirements for commercial fishermen operating on documented vessels beyond the federal boundary line. They are open to all mariners and are recommended for captains and crew serving on any commercial vessel.

START DATE	END DATE	LOCATION	STATE
1/23/23	1/23/23	Sitka	AK
2/4/23	2/4/23	Petersburg	AK
2/25/23	2/25/23	Juneau	AK

# Mariner's First Aid & CPR

AMSEA's First Aid & CPR workshop is designed to meet the unique needs of commercial fishermen and other mariners. Attendees receive a U.S. Coast Guard accepted two-year certificate issued by the American Safety & Health Institute. The cost for the workshop is \$125.00 including local sales tax. The topics covered include:

• CPR & automatic external defibrillators (AED)

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

- Treatment of choking
- Medical emergencies
- Trauma
- Environmental hazards
- Patient assessment
- Medical communications
- Drowning & hypothermia
- Common fishing injuries

Start Date	End Date	Location	State
1/25/2022	1/25/2022	Sitka	AK



Commander United States Coast Guard Sector Anchorage PO Box 5800 JBER, AK 99505 Staff Symbol: s Phone: 907-428-4200 FAX: 907-428-4218

16710 December 21, 2022

# CAPTAIN OF THE PORT, WESTERN ALASKA NAVIGATION SAFETY ADVISORY

Cold temperatures are causing a buildup of ice in lower Cook Inlet. To assist mariners with the dangers posed by ice and winter weather conditions, we are implementing Condition A of the Operating Guidelines for Ice Conditions in Lower Cook Inlet, **effective December 21, 2022,** of the Operating *Guidelines* for Ice Conditions in Cook Inlet signed October 25, 2022. Condition A specifies that there is ice present with no immediate impact to mooring and represents the lowest severity of ice present in lower Cook Inlet.

The National Weather Service (NWS) Cook Inlet Sea Ice analysis: <a href="https://www.weather.gov/afc/ice">https://www.weather.gov/afc/ice</a>

All vessels scheduled to arrive in Cook Inlet north of Homer, Alaska must submit a voyage plan no less than 24 hours prior to arrival at the Kachemak Bay Pilot Station. We have posted the *Guidelines* referenced above to the Sector Anchorage Homeport webpage. The Voyage Plan template is Enclosure (3) of the *Guidelines*.

Sector Anchorage Homeport webpage: <a href="https://homeport.uscg.mil/port-directory/western-alaska-(anchorage">https://homeport.uscg.mil/port-directory/western-alaska-(anchorage)</a>

While use of the voyage plan template is not mandatory, your voyage plan must include all information listed in the template. Voyage plans must be e-mailed to <a href="Sector.Anchorage@uscg.mil">Sector.Anchorage@uscg.mil</a>. Based on information in your voyage plan, we will determine if the vessel needs an exam prior to entry into Cook Inlet and will notify the submitter if an exam is required. Vessel agents can coordinate with Marine Safety Detachment Homer at (907) 235-3292 to schedule an exam.

Please direct questions regarding this advisory or the *Guidelines* referenced above to the Sector Anchorage Waterways Management Division at (907) 428-4100.

Sincerely,

Captain, U.S. Coast Guard

Captain of the Port, Western Alaska

Copy: Commander, Seventeenth Coast Guard District (dp)

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 <a href="mailto:smb-d17juneau-lnm@uscg.mil">smb-d17juneau-lnm@uscg.mil</a> or to Todd Buck, USCG D17(dpw), at 907-463-2269 or by email to <a href="mailto:todd.r.buck@uscg.mil">todd.r.buck@uscg.mil</a>. 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	/ 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

POC:
Noah Lawrence 206-526-6209
Catherine Berchok 206-526-6331
Peter Shipton 907-224-4319
Peter Shipton 907-224-4319
Catherine Berchok 206-526-6331
David Strausz 206-526-4510

# ALASKA - CHUKCHI SEA (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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
22CKP-1A	70°50.163'N, 163°07.765'W	144 feet	115 feet	48/22	David Strausz 206-526-4510
22CKP-2A	71°12.940'N, 164°15.394'W	144 feet	118 feet	48/22	David Strausz 206-526-4510
22CKP-3A	71°49.694'N, 166°03.979'W	148 feet	121 feet	48/22	David Strausz 206-526-4510
22CKP-5A	71°15.566'N, 157°59.943'W	161 feet	144 feet	48/22	David Strausz 206-526-4510
22CKP-12A	67°54.621'N, 168°11.056'W	190 feet	161 feet	48/22	David Strausz 206-526-4510

# ALASKA – KOTZEBUE SOUND

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
OTZ-N	67°6.791'N, 163°46.328'W	37 feet	27 feet	48/14	Dr. Manuel Castellote 206-526-6866
OTZ-M	67°5.148'N, 163°48.282'W	58 feet	48 feet	48/14	Dr. Manuel Castellote 206-526-6866
OTZ-S	67°3.365'N, 163°48.699'W	60 feet	50 feet	48/14	Dr. Manuel Castellote 206-526-6866
OTZ-Ch	66°14.346′N, 166°51.926′W	51 feet	41 feet	48/14	Dr. Manuel Castellote 206-526-6866

## ALASKA - BERING 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

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
Station-241	64°28.365'N, 165°28.525'W	66 feet	Surface	36/20	James Behrens 858-534-3032

# ALASKA – BERING SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
GPS Tide Buoy	58°28.015'N, 162°04.779'W	126 feet	Surface	25/19	NOAAS FAIRWEATHER 401-378-4022
AL19-AU-BS6	53°37.775'N, 167°23.945'W	312 feet	282 feet	28/19	Catherine Berchok 206-526-6331
PUF-18	56°15.340'N, 168°17.361'W	506 feet	505feet	43/21	Thomas Vanpelt 907-242-7725
PUF-19	58°24.700'N, 167°36.900'W	167 feet	166 feet	43/21	Thomas Vanpelt 907-242-7725
AL21-AU-NM1	64°51.248'N, 168°27.938'W	144 feet	115 feet	49/21	Catherine Berchok 206-526-6331
22BSP-2A	56°51.818'N, 164°03.693W	230 feet	203 feet	20/22	David Strausz 206-526-4510
AL22-AU-PC01	56°07.760'N, 168°18.767'W	531 feet	505 feet	25/22	Stephanie Grassia 206-526-4539
AL22-AU-UM01	53°37.870'N, 167°24.272'W	328 feet	302 feet	25/22	Stephanie Grassia 206-526-4539
AL22-AU-BS10	56°09.702'N, 166°34.707'W	387 feet	328 feet	25/22	Stephanie Grassia 206-526-4539
AL22-AU-BS11	61°04.742'N, 170°16.562'W	135 feet	108 feet	25/22	Stephanie Grassia 206-526-4539
22SH-1A	56°51.041'N, 158°59.784'W	233 feet	200 feet	36/22	David Strausz 206-526-4510
22BS-2C	56°52.456'N, 164°03.954'W	240 feet	33 feet	36/22	David Strausz 206-526-4510
22KUITAEFPR-4A	57°53.958'N, 165°42.148'W	200 feet	Surface	36/22	David Strausz 206-526-4510
22BSITAEFPR-14A	64°00.002'N, 167°54.718'W	121 feet	Surface	37/22	David Strausz 206-526-4510
22BSITAEFRP-14A	64°00.188'N, 167°54.701'W	121 feet	121 feet	37/22	David Strausz 206-526-4510
22BSP-14A	63°59.977'N, 167°55.523'W	Unreported	89 feet	37/22	David Strausz 206-526-4510
22BS-4A	57°52.291'N, 168°53.262'W	241 feet	33 feet	37/22	David Strausz 206-526-4510
22BSP-4A	57°52.071'N, 168°53.379'W	241 feet	200 feet	37/22	David Strausz 206-526-4510
22BS-5A	59°54.747'W, 171°43.379'W	240 feet	46 feet	37/22	David Strausz 206-526-4510
22BSP-5A	59°43.525'N, 171°43.440'W	239 feet	197 feet	37/22	David Strausz 206-526-4510
22BS-8A	62°11.896'N, 174°39.756'W	251 feet	59 feet	37/22	David Strausz 206-526-4510
22BSITAER-8A	62°12.107'N, 174°39.664'W	250 feet	66 feet	37/22	David Strausz 206-526-4510
22UPP-2A	54°18.340'N, 164°45.140'W	256 feet	240 feet	48/22	David Strausz 206-526-4510

# ALASKA – SOUTHWESTERN – UNIMAK PASS

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
21UPP-1A	54°20.000'N, 164°01.830'W	338 feet	322 feet	26/21	David Strausz 206-526-4510
AL22-AU-UN01	54°26.150'N, 165°16.310'W	528 feet	502 feet	25/22	Stephanie Grassia 206-526-4539

# $\mathbf{ALASKA} - \mathbf{GULF} \ \mathbf{OF} \ \mathbf{ALASKA} - \mathbf{SANAK} \ \mathbf{TROUGH} \ (\mathbf{NORTH} \ \mathbf{OF} \ \mathbf{SANAK} \ \mathbf{ISLAND})$

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
TRBM-1	54°42.606'N, 162°37.872'W	407 feet	405 feet	48/16	Chris Wilson 206-526-6435
TRBM-2	54°37.151'N. 162°35.695'W	489 feet	487 feet	48/16	Chris Wilson 206-526-6435

## ALASKA - GULF OF ALASKA - ALEUTIAN PENINSULA

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

GA22-AU-SU01 56°36.014'N, 157°00.006'W 456 feet 430 feet 40/22 Catherine Berchok 206-526-6331

## ALASKA - GULF OF ALASKA - KODIAK ISLAND

TYPE/NAME:	POSITION:	WATER DEPTH	TOP FLOAT DEPTH:	Ref I NM:	POC:

22CB-1A 57°43.300'N, 152°17.052'W 633 feet 584 feet 36/22 David Strausz 206-526-4510 GA22-AU-BT01 57°01.803'N, 152°59.597'W 254 feet 227 feet 40/22 Catherine Berchok 206-526-6331

#### ALASKA - GULF OF ALASKA - STEVENSON ENTRANCE

TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: Ref. I	AME: POSITION: WATER DEPTH: TOP F	LOAT DEPTH: Ref. LNM:	POC:
---	-----------------------------------	-----------------------	------

GA22-AU-SE01 58°42.514'N, 152°12.525'W 430 feet 404 feet 40/22 Catherine Berchok 206-526-6331

## ALASKA - COOK INLET - KAMISHAK BAY

TYPE/NAME: POSITION: WATE	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

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"V	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

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

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 19	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
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
H11	60°19.008'N, 146°51.228'W	1135 feet	1022 feet	09/17	Mary Anne Bishop 907-424-5800 x228

## ALASKA - PRINCE WILLIAM SOUND (Continued)

TYPE/NAME:	POSITION:	WATED DEDTH	TOP FLOAT DEPTH:	Ref. LNM:	POC:
H12	60°18.888'N, 146°51.930'W	1194 feet	1075 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
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	09/17	Mary Anne Bishop 907-424-5800 x228
PWA	60°02.394'N, 148°07.698'W	289 feet	257 feet	09/17	Mary Anne Bishop 907-424-5800 x228
LP02	59°59.082'N, 148°02.208'W	148 feet	116 feet	09/17	Mary Anne Bishop 907-424-5800 x228
POWP06	60°02.796'N, 148°07.902'W	177 feet	145 feet	09/17	Mary Anne Bishop 907-424-5800 x228
PWB	60°02.418'N, 148°08.208'W	266 feet	234 feet	09/17	Mary Anne Bishop 907-424-5800 x228
BP07	60°06.906'N, 148°14.118'W	174 feet	142 feet	09/17	Mary Anne Bishop 907-424-5800 x228
BPA	60°07.128'N, 148°13.458'W	167 feet	135 feet	09/17	Mary Anna Bishop 907-424-5800 x228
Grav-1	60°41.370'N, 146°23.956'W	16 feet	Surface 55 feet	16/17	Mary Anna Bishop 907-424-5800 x228
Grav-2	60°41.454'N, 146°23.496'W	75 feet	55 feet 126 feet	16/17 16/17	Mary Anna Bishop 907-424-5800 x228
Grav-3 Grav-4	60°40.925'N, 146°23.018'W	146 feet 195 feet	176 feet	16/17	Mary Anne Bishop 907-424-5800 x228 Mary Anne Bishop 907-424-5800 x228
Grav-5	60°40.696'N, 146°22.561'W 60°41.257'N, 146°24.580'W	7 feet	Surface	16/17	Mary Anne Bishop 907-424-5800 x228 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	60°18.476'N, 147°40.044'W	131 feet	131 feet	28/18	Mary Anne Bishop 907-424-5800 x228
NMS2	60°18.280'N, 147°25.330'W	154 feet	154 feet	28/18	Mary Anne Bishop 907-424-5800 x228
NMS3	60°22.657'N, 147°08.341'W	118 feet	118 feet	28/18	Mary Anne Bishop 907-424-5800 x228
GISL1	60°51.782'N, 147°13.369'W	164 feet	154 feet	28/18	Mary Anne Bishop 907-424-5800 x228
MR1	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: 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

# ALASKA - SOUTHEAST (Continued)

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

# ALASKA – NORTH PACIFIC OCEAN

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