U.S. Department
of Homeland Security

United States Coast Guard

LOCAL NOTICE TO MARINERS

District: 17 Week: 47/22

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

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

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

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

BROADCAST NOTICE TO MARINERS
Navigation information previously promulgated by CG Sector Juneau Broadcast Notice to Mariners through J164-22 and CG Sector Anchorage Broadcast Notice to Mariners through A129-22 that are still in effect are included in this notice.

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

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

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

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

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

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

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

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

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

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

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

ABBREVIATIONS

A through H

ADRIFT - Buoy Adrift
AICW - Atlantic Intracoastal Waterway

I through O

I - Interrupted
ICW - Intracoastal Waterway

P through Z

PRIV - Private Aid
Q - Quick

Al - Alternating
B - Buoy
BKW - Breakwater
bl - Blast
BNM - Broadcast Notice to Mariner
bu - Blue
C - Canadian
CHAN - Channel
CGD - Coast Guard District
C/O - Cut Off
CONT - Contour
CRK - Creek
CONST - Construction
DAYMK/Daymk - Daymark
DBN/Dbn - Daybeacon
DBD/DAYBD - Dayboard
DEFAC - Defaced
DEST - Destroyed
DISCON - Discontinued
DMGD/DAMGD - Damaged
ec - eclipse
EST - Established Aid
ev - every
EVAL - Evaluation
EXT - Extinguished
F - Fixed
fl - flash
Fl - 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.

310 **ALASKA**

The Coast Guard's VHF-FM Remote Fixed Facility (RFF) reception capabilities on the following site is degraded and calls on VHF-FM Channel 16 may not be received by the responsible Coast Guard Sector Communication Center within the stated coverage area:
CAPE GULL – Northwest Afognak Island, Cape Douglas, and Shelikof Strait to Cape Uyak.
MIDDLE CAPE – Southwestern Kodiak and the Southwestern portion of Shelikof Strait from Cape Igvak to Cape Kuliak.
CAPE FANSHAW – Southern Stephens Passage and Frederick Sound.
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: 47/22

315 **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. A Coast Guard Navigation Safety Advisory outlining these guidelines has been attached 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: 45/22

316 **ALASKA – SOUTHCENTRAL – KODIAK ISLAND**

HAZARDOUS OPERATIONS: A rocket launch designated "P-139" from the Pacific Spaceport complex located at Narrow Cape, Kodiak Island, Alaska, is scheduled for 072200-080130 UTC which is 1300-1630 Alaska time on December 7th, 2022. If the launch does not occur on December 7th then the launch will be rescheduled on the next day during the same time. This may continue through December 14th, 2022. If the launch does not occur by December 14th, 2022, then it will be cancelled. Additional details including the coordinates of the hazardous areas and

spaceport contact information can be found in an enclosure to this LNM. Mariners are requested to remain clear of the hazardous areas during the time windows of this launch. Questions/concerns should be directed to Shannon Edwards at 907-743-3633 or by email to shannon.edwards@akaerospace.com.

LNM: 45/22

320 **ALASKA – SOUTHEAST – SHELTER ISLAND**

There is a 53' partially sunken fishing vessel on the west side of Shelter Island in position 58°25.498'N, 134°53.205'W. Mariners are advised to transit the area with caution.

LNM: 43/22

323 **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 Fl 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 Fl 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

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

The Coast Guard has replaced Scrub Island LT 7 (LLNR 22105) with Scrub Island LB 7 (LLNR 22105). Scrub Island LB 7 is a green buoy with a green light flashing every 2.5 seconds (Fl G 2.5s) and has been established in position 55°08'31.606"N, 131°33'57.348"W. Chart and Light List corrections will be issued once the verification process has been completed. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 41/22

337 **ALASKA**

The Alaska Marine Safety Education Association (AMSEA) will be offering AMSEA Marine Safety Instructor Training and AMSEA Drill Conductor Courses in various locations within Alaska. The specific locations, dates, and course information can be found in an enclosure to this LNM. For more information contact AMSEA at (907) 747-3287 or view their website at www.amsea.org.

LNM: 40/22

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 may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

LNM: 09/21

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

342 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

346 **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@uscg.mil.

LNM: 38/22

352 **ALASKA – SOUTHEAST – TONGASS NARROWS**

A construction project involving pile driving is being conducted in the vicinity of the Ketchikan International Airport and will be completed by April 1st, 2023. Two anchors marked by white buoys with flashing white lights are being used to moor the pile driving barge and extend up to 500 feet into the channel. The anchors are located in positions 55°21.236'N, 131°42.125'W and 55°21.187'W, 131°42.126'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Matt Huston at 206-507-6602 or by email to matth@pacificpile.com.

LNM: 37/22

360 **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

372 **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

396 **ALASKA – SOUTHCENTAL – COOK INLET NAVIGATION CHANNEL**

The U.S. Army Corps of Engineers (USACE), Alaska District conducted a project condition survey for Cook Inlet Navigation Channel on May 13th, 2022 in which the following controlling depths in feet (FT) mean lower low water (MLLW) were recorded:
Left Outside Quarter 61°12'30.93"N, 150°03'53.57"W, -41.1 FT MLLW
Left Inside Quarter 61°11'42.60"N, 150°06'46.85"W, -42.7 FT MLLW
Right Inside Quarter 61°11'41.18"N, 150°06'44.88"W, -44.0 FT MLLW
Right Outside Quarter 61°11'59.68"N, 150°05'15.80"W, -43.2 FT MLLW
A chartlet of the controlling depths as well as survey data are available on the U.S. Army Corps of Engineers (USACE) Navigation Portal website at: http://navigation.usace.army.mil/Survey/Hydro. The Cook Inlet Navigation Channel was dredged during the summer of 2014 to a project depth of -38 FT MLLW. At this time, no maintenance dredging is scheduled for this channel during 2022. The next project condition survey for this channel is tentatively scheduled for October 2022. BE ADVISED: The information depicted on maps, charts, drawings, navigation notices, etc., for the subject project, represents the results of a survey conducted on the date(s) indicated and can only be considered to represent the general condition existing at that time. The survey data was collected under a USACE contract for the purpose of characterizing the condition of the navigation channel, and the area for placement of dredged material for future channel maintenance operations. As such, the information is only valid for its intended use. This information can be used to supplement existing published navigation charts. The user is responsible for the results of any application of the survey data for other than its intended purpose and should consider the contents, timeframe of data collection, and accuracy specifications for survey data
collection/processing. Additionally, bathymetry in Cook Inlet is subject to drastic and continuing change. Prudent mariners should not rely solely upon this information. Questions/concerns should be directed to Jeremy Allen, Operations Project Manager at 907-753-2753 or by email to jeremy.m.allen@usace.army.mil.

LNM: 25/22

411 **ALASKA – SOUTHWESTERN – ALEUTIAN ISLANDS**

Six former in-water ranges within Naval Defensive Sea Area Kiska Island have been identified as potentially containing munitions and explosives of concern (MEC). The boundaries of the six former in-water ranges are identified as black, dotted lines on the NOAA Navigational Charts with text as follows: "Unexploded ordnance (reported 2013, see note)." Mariners are cautioned against anchoring, dredging or trawling within these areas. Mariners should follow the 3Rs – Recognize, Retreat, and Report (https://www.denix.osd.mil/uxo/home/). Recognize possible munitions such as mines, torpedoes, depth charges, artillery shells, bombs, and missiles. Mariners should avoid military and former military ranges and

disposal areas, and explosive hazard areas identified on Navigational Charts. Retreat by staying as far away as possible, not bringing munitions onboard or into port, minimizing disturbance (i.e., not touching or bumping munitions), and safely jettison, if possible. Report immediately to the U.S. Coast Guard District 17 Command Center at 907-463-2000 if encountering possible munitions and provide vessel position, activity being conducted (anchoring, fishing, dredging), description of munition item, and action taken (i.e., munition stowed or jettisoned). For additional information: Call U.S. Army Technical Center for Explosives Safety at 918-420-8919 or see the US Army's UXO Safety Education website: https://www.denix.osd.mil/mmrp/index.html. Also see the Navy's website for specific documents related to the Aleutian Islands: https://www.navfac.navy.mil/navfac_worldwide/pacific/fecs/northwest/about_us/northwest_documents.html

LNM: 20/22

433 **ALASKA – SOUTHEAST – KATLIAN BAY**

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

LNM: 13/22

461 **ALASKA**

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

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

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

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

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

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

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

LNM: 06/22

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 57º 28.8′ N, 151º 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

520 **ALASKA – SOUTHEAST – BEHM CANAL – MOSER BAY**

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

LNM: 38/21

522 **ALASKA – SOUTHEAST – KLAG BAY**

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

LNM: 37/21

529 **ALASKA**

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

LNM: 43/20

782 **ALASKA – SOUTHEAST – DIXON ENTRANCE**

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

LNM: 11/20

836 **ALASKA – SOUTHEAST – TONGASS NARROWS**

OBSTRUCTION TO NAVIGATION: A 24' Bayliner has sunk in 22 feet of water in approximate position 55°20.79'N, 131°40.36W, approximately 50 yards offshore from Bar Harbor. The vessel is marked by an orange float. Mariners are requested to use caution when transiting the area. Questions/concerns should be directed to the Coast Guard Sector Juneau Command Center at (907) 463-2980 or on VHF/FM channel 16.

LNM: 48/19

918 **ALASKA – GULF OF ALASKA**

NOAA DLB 46085 (LLNR 984.15) has been replaced with a 3-meter buoy and relocated to 55°53'18.000"N, 142°50'48.000"W. Chart and Light List corrections have been issued. The previous 6-meter buoy was not recovered and remains in position 55°52'05.000"N, 142°33'31.000"W. Mariners are requested to transit the area with caution until the previous buoy is recovered. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 33/19

930 **ALASKA – SOUTHCENTRAL – SHELIKOF STRAIT – KINAK BAY**

An uncharted rock has been reported in Kinak Bay in position 58°03.8'N, 154°25.3'W at a depth of approximately 3 fathoms. Mariners are advised to transit the area with extreme caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 28/19

937 **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

939 **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

970 **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

974 **ALASKA – SOUTHWESTERN – ALEUTIAN PENINSULA – BECHEVIN BAY**

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

LNM: 17/18

977 **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**

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.

LNM: 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	16761	J127-22	40/22	
1150	Seal Rocks Light	DAYMK MISSING	16682		44/21	
1260	Cape Greig Light	LT EXT/DAYMK DMGD	16338	A100-21	37/21	
1285	Cape Mohican Light	LT EXT	16530	A076-22	33/22	
1300	Kwiguk Pass Entrance Light	DAYMK DMGD	16240	A107-22	40/22	
1345	Cape Rodney Light	DAYMK DMGD	16200	A096-22	38/22	
1350	Point Spencer Light	DAYMK DMGD	16204	A098-22	38/22	
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	
22670	Blake Channel Light 1	STRUCT DEST/LT EXT	17385	J124-20	48/20	
22863	Wrangell Narrows Daybeacon 4	STRUCT DEST	17375	J113-21	41/21	
22880	Wrangell Narrows Tow Channel Buoy 3TC	OFF STA	17375	J102-21	38/21	
22916	Wrangell Narrows Daybeacon 10A	STRUCT DEST	17375	J128-21	47/21	
23210	Wrangell Narrows North Entrance Lighted Bell Buoy WN	REDUCED INT	17375	J086-21	35/21	
23260	Cape Fanshaw Light	STRUCT DEST	17365	J081-22	26/22	
23305.1	Keku Strait Entrance Light	STRUCT DEST	17368	J069-19	38/19	
23305.7	Keku Strait Daybeacon 10	MISSING	17368	J148-13	32/13	
23305.9	Keku Strait Daybeacon 13	STRUCT DEST	17368	J103-15	23/15	
23306.7	Keku Strait Daybeacon 25	STRUCT DEST	17368	J071-20	28/20	
23307	Keku Strait Daybeacon 30	STRUCT DEST	17368	J075-20	29/20	
23307.05	Keku Strait Daybeacon 31	STRUCT DEST	17372	J072-20	28/20	
23307.7	Keku Strait Daybeacon 39	STRUCT DEST	17368	J074-21	26/21	
23350	Portage Pass Light 10	LT EXT	17368	J041-22	12/22	
23355	Portage Pass Daybeacon 11	STRUCT DEST	17368	J077-18	26/18	
23370	West Rock Light	LT EXT	17378	J127-21	47/21	
23510	Point Ellis Light	LT EXT	17376	J028-21	08/21	
23632	Holkham Bay Buoy 2	OFF STA	17311	J094-22	31/22	
23800	Gibby Rock Light 2	DAYMK DMGD	17315	J026-22	08/22	
23885	Chilkoot Inlet East Light	DAYMK DMGD	17317	J066-22	21/22	
23945	**Favorite Reef Light 2**	**STRUCT DEST**	**17316**	**J157-22**	**47/22**	

24195	**Lemesurier Island Light**	**Status Unreported**	**17302**	**J155-22**	**47/22**
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	16761	J127-22	40/22
25460	Kokenhenic Bar Channel Light K	STRUCT DEST	16013	A083-22	35/22
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
26055	McArthur Pass Light	LT EXT	16681	A126-22	46/22
26080	Chugach Passage Lighted Buoy 3	OFF STA	16646	A081-21	29/21
26095	Perl Rock Light	DAYMK DMGD	16606	A051-22	27/22
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	16590	A133-20	49/20
26925	Lazy Bay Light 2	DAYMK DMGD	16591	A132-20	49/20
27000	Northeast Arm Light 1	STRUCT DEST	16594	A143-21	50/21
27025	Dry Spruce Island Rock Light 7	LT EXT	16594	A008-22	06/22
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
22190	Pennock Island Reef Lighted Buoy PR	WATCHING PROPERLY	17430	J162-22	47/22	47/22
22195	Tongass Narrows Wreck Lighted Buoy WR6	WATCHING PROPERLY	17430	J163-22	47/22	47/22
22200	Bar Harbor South Entrance Light 2S	WATCHING PROPERLY	17428	J164-22	47/22	47/22
23775	Point Hilda Light	WATCHING PROPERLY	17315	J154-22	46/22	47/22
27110	Humboldt Harbor Breakwater Light 3	WATCHING PROPERLY		A035-22	29/21	47/22

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	16706	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

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM DISCREPANCIES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED

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

TEMPORARY CHANGES

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
23355	Portage Pass Daybeacon 11	TRUB	17368	J093-18	30/18	
23790	Horse Shoal Light 1	DISCONTINUED	17315	J102-19	51/19	
24957	Mitchell Rock Daybeacon	DISCONTINUED	17327	J022-17	04/17	
25025.5	Japonski Island Daybeacon 2	DISCONTINUED	17327	J196-16	49/16	
25647	NOAA Data Lighted Buoy 46081	DISCONTINUED	16705	A126-19	46/19	
25805	Port Valdez Coast Guard Mooring Buoy	DISCONTINUED	16707	A095-18	33/18	

TEMPORARY CHANGES CORRECTED

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End

None

SECTION IV - CHART CORRECTIONS

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97

Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER
Main Panel 2245 NEW YORK HARBOR
(Temp) ADD NATIONAL DOCK CHANNEL BUOY 3 CGD01
Green can at 40-41-09.001N 074-02-48.001W

Corrective Action	Object of Corrective Action	Position

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

16145 **1st Ed.** **01-JUL-14** **Last LNM: 27/14** **NAD 83** **47/22**

ChartTitle: **Alaska - West Coast. Delong Mountain Terminal**

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

		NOS	
LAST EDITION	No new editions of chart 16145 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

16161 **1st Ed.** **01-APR-12** **Last LNM: 19/12** **NAD 83** **47/22**

ChartTitle: **Kotzebue Harbor and Approaches**

Main Panel 2573 KOTZEBUE HARBOR AND APPROACHES. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 16161 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

16190 **2nd Ed.** **01-DEC-18** **Last LNM: 43/15** **NAD 83** **47/22**

ChartTitle: **Bering Strait North;Little Diomede Island**

Main Panel 2350 BERING STRAIT NORTH - -. Page/Side: -

		NOS	
LAST EDITION	No new editions of chart 16190 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

16304 **3rd Ed.** **01-APR-13** **Last LNM: 38/21** **NAD 83** **47/22**

ChartTitle: **Kuskokwim Bay to Bethel**

Main Panel 2934 KUSKOKWIM RIVER KUSKOKWIM BAY TO BETHEL. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 16304 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

16305 **11th Ed.** **01-DEC-14** **Last LNM: 52/14** **NAD 83** **47/22**

ChartTitle: **Bristol Bay-Cape Newenham and Hagemeister Strait**

Main Panel 2858 CAPE NEWENHAM AND HAGEMEISTER STRAIT. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 16305 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

16315 **11th Ed.** **01-MAR-15** **Last LNM: 12/15** **NAD 83** **47/22**

ChartTitle: **Bristol Bay-Togiak Bay and Walrus Islands**

Main Panel 2859 TOGIAK BAY AND WALRUS ISLANDS. Page/Side: A

NOS

LAST EDITION No new editions of chart 16315 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16338 **5th Ed.** **01-MAR-15** **Last LNM: 12/15** **NAD 83** **47/22**

ChartTitle: **Bristol Bay-Ugashik Bay to Egegik Bay**

Main Panel 2860 BRISTOL BAY UGASHIK BAY TO EGEGIK BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16338 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16570 **12th Ed.** **01-FEB-15** **Last LNM: 09/15** **NAD 83** **47/22**

ChartTitle: **Portage and Wide Bays, Alaska Pen.**

Main Panel 2545 PORTAGE AND WIDE BAYS. Page/Side: A

NOS

LAST EDITION No new editions of chart 16570 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16575 **3rd Ed.** **01-APR-15** **Last LNM: 15/15** **NAD 83** **47/22**

ChartTitle: **Dakavak Bay to Cape Unalishagvak;Alinchak Bay**

Main Panel 2867 DAKAVAK BAY TO CAPE UNALISHAGVAK. Page/Side: A

NOS

LAST EDITION No new editions of chart 16575 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16576 **5th Ed.** **01-APR-15** **Last LNM: 32/19** **NAD 83** **47/22**

ChartTitle: **Shelikof Strait-Cape Nukshak to Dakavak Bay**

Main Panel 2871 CAPE NUKSHAK TO DAKAVAK BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16576 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16587 **3rd Ed.** **01-AUG-14** **Last LNM: 09/20** **NAD 83** **47/22**

ChartTitle: **Semidi Islands and Vicinity**

Main Panel 2541 SEMIDI ISLANDS AND VICINITY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16587 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16590 **12th Ed.** **01-SEP-14** **Last LNM: 07/20** **NAD 83** **47/22**

ChartTitle: **Kodiak Island Sitkinak Strait and Alitak Bay**

Main Panel 2548 SITKINAK STRAIT AND ALITAK BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16590 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16591 **10th Ed.** **01-JUL-14** **Last LNM: 30/17** **NAD 83** **47/22**

ChartTitle: **Alitak Bay-Cape Alitak to Moser Bay**

Main Panel 2549 PART OF ALITAK BAY CAPE ALITAK TO MOSER BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16591 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16592 **11th Ed.** **01-JUL-14** **Last LNM: 18/17** **NAD 83** **47/22**

ChartTitle: **Kodiak Island Gull Point to Kaguyak Bay;Sitkalidak Passage**

Main Panel 2550 GULL POINT TO KAGUYAK BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16592 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16597 **10th Ed.** **01-APR-15** **Last LNM: 32/19** **NAD 83** **47/22**

ChartTitle: **Uganik and Uyak Bays**

Main Panel 2559 UGANIK AND UYAK BAYS. Page/Side: A

NOS

LAST EDITION No new editions of chart 16597 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16598 **11th Ed.** **01-APR-15** **Last LNM: 04/17** **NAD 83** **47/22**

ChartTitle: **Cape Ikolik to Cape Kuliuk**

Main Panel 2560 CAPE IKOLIK TO CAPE KULIUK. Page/Side: A

NOS

LAST EDITION No new editions of chart 16598 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16599 **8th Ed.** **01-FEB-15** **Last LNM: 04/17** **NAD 83** **47/22**

ChartTitle: **Bays and Anchorages, Kodiak Island Karluk Anchorage;Larsen Bay;Uyak Anchorage**

Main Panel 2561 KODIAK ISL BAYS AND ANCHORAGES LARSEN BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16599 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16603 **9th Ed.** **01-MAR-15** **Last LNM: 11/15** **NAD 83** **47/22**

ChartTitle: **Kukak Bay, Alaska Peninsula**

Main Panel 2565 KUKAK BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16603 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16604 **12th Ed.** **01-JUL-14** **Last LNM: 41/21** **NAD 83** **47/22**

ChartTitle: **Shuyak and Afagnak Islands and adjacent waters**

Main Panel 2566 SHUYAK & AFOGNAK ISL & ADJACENT WATERS. Page/Side: A

NOS

LAST EDITION No new editions of chart 16604 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16605 **10th Ed.** **01-JUN-14** **Last LNM: 23/14** **NAD 83** **47/22**

ChartTitle: **Shuyak Strait and Bluefox Bay**

Main Panel 2567 SHUYAK STRAIT AND BLUEFOX BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16605 will be published. It will be canceled on -- --

30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

16606 **12th Ed.** **01-FEB-15** **Last LNM: 16/15** **NAD 83** **47/22**

ChartTitle: **Barren Islands**

Main Panel 2568 BARREN ISLANDS . Page/Side: A

NOS

LAST EDITION No new editions of chart 16606 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16608 **5th Ed.** **01-MAR-15** **Last LNM: 13/15** **NAD 83** **47/22**

ChartTitle: **Shelikof Strait-Cape Douglas to Cape Nukshak**

Main Panel 2569 CAPE DOUGLAS TO CAPE NUKSHAK. Page/Side: A

NOS

LAST EDITION No new editions of chart 16608 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16648 **6th Ed.** **01-APR-15** **Last LNM: 17/15** **NAD 83** **47/22**

ChartTitle: **Kamishak Bay;Iliamna Bay**

Main Panel 2577 KAMISHAK BAY COOK INLET. Page/Side: A

NOS

LAST EDITION No new editions of chart 16648 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16681 **11th Ed.** **01-APR-15** **Last LNM: 16/15** **NAD 83** **47/22**

ChartTitle: **Seal Rocks to Gore Point**

Main Panel 2593 SEAL ROCKS TO GORE POINT. Page/Side: A

NOS

LAST EDITION No new editions of chart 16681 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16683 **12th Ed.** **01-JAN-11** **Last LNM: 39/17** **NAD 83** **47/22**

ChartTitle: **Point Elrington to Cape Resurrection**

Main Panel 2596 POINT ELRINGTON TO CAPE RESURRECTION. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 16683 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16701 **23rd Ed.** **01-APR-15** **Last LNM: 43/15** **NAD 83** **47/22**

ChartTitle: **Prince William Sound-western entrance**

Main Panel 2598 PRINCE WILLIAM SOUND WESTERN ENTRANCE. Page/Side: A

NOS

LAST EDITION No new editions of chart 16701 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16702 **14th Ed.** **01-OCT-09** **Last LNM: 43/15** **NAD 83** **47/22**

ChartTitle: **Latouche Passage to Whale Bay**

Main Panel 2599 LATOUCHE PASSAGE TO WHALE BAY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 16702 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart -- --

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

16704 **14th Ed.** **01-FEB-15** **Last LNM: 09/15** **NAD 83** **47/22**

ChartTitle: **Drier Bay, Prince William Sound**

Main Panel 2600 DRIER BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16704 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16706 **11th Ed.** **01-MAR-15** **Last LNM: 11/15** **NAD 83** **47/22**

ChartTitle: **Passage Canal incl. Port of Whittier;Port of Whittier**

Main Panel 2602 PASSAGE CANAL INCLUDING PORT OF WHITTIER. Page/Side: A

NOS

LAST EDITION No new editions of chart 16706 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16711 **3rd Ed.** **01-MAR-15** **Last LNM: 11/15** **NAD 83** **47/22**

ChartTitle: **Port Wells, including College Fiord and Harriman Fiord**

Main Panel 2977 PORT WELLS COLLEGE FIORD. Page/Side: A

NOS

LAST EDITION No new editions of chart 16711 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16713 **4th Ed.** **01-JUL-10** **Last LNM: 24/14** **NAD 83** **47/22**

ChartTitle: **Naked Island to Columbia Bay**

Main Panel 2961 NAKED ISLAND TO COLUMBIA BAY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 16713 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16723 **16th Ed.** **01-SEP-14** **Last LNM: 43/20** **NAD 83** **47/22**

ChartTitle: **Controller Bay**

Main Panel 2611 CONTROLLER BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16723 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16741 **12th Ed.** **01-SEP-12** **Last LNM: 38/12** **NAD 83** **47/22**

ChartTitle: **Icy Bay**

Main Panel 2612 ICY BAY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 16741 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

16761 **17th Ed.** **01-APR-15** **Last LNM: 17/15** **NAD 83** **47/22**

ChartTitle: **Yakutat Bay;Yakutat Harbor**

Main Panel 2614 YAKUTAT BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 16761 will be published. It will be canceled on 30-Nov-22. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster -- --

Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

16762 **10th Ed.** **01-JUN-14** **Last LNM: 23/14** **NAD 83** **47/22**

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** **Last LNM: 53/19** **NAD 83** **47/22**

ChartTitle: **Cape Spencer to Icy Point**

Main Panel 2620 CAPE SPENCER TO ICY POINT. Page/Side: A

NOS

LAST EDITION No new editions of chart 17301 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. -- --

17302 **19th Ed.** **01-MAY-15** **Last LNM: 40/20** **NAD 83** **47/22**

ChartTitle: **Icy Strait and Cross Sound;Inian Cove;Elfin Cove**

Main Panel 2621 ICY STRAIT AND CROSS SOUND. Page/Side: A

NOS

LAST EDITION No new editions of chart 17302 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. -- --

17303 **11th Ed.** **01-MAY-14** **Last LNM: 30/16** **NAD 83** **47/22**

ChartTitle: **Yakobi Island and Lisianski Inlet;Pelican Harbor**

Main Panel 2624 YAKOBI ISLAND AND LISIANSKI INLET. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17303 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. -- --

17311 **2nd Ed.** **01-FEB-12** **Last LNM: 39/19** **NAD 83** **47/22**

ChartTitle: **Holkham Bay And Tracy Arm - Stephens Passage**

Main Panel 2940 HOLKHAM BAY AND TRACY ARM - STEPHENS PASSAGE. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17311 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. -- --

17312 **3rd Ed.** **01-OCT-12** **Last LNM: 24/20** **NAD 83** **47/22**

ChartTitle: **Hawk Inlet, Chatham Strait**

Main Panel 2986 HAWK INLET, CHATHAM STRAIT. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17312 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. -- --

17313 **9th Ed.** **01-MAY-09** **Last LNM: 26/09** **NAD 83** **47/22**

ChartTitle: **Port Snettisham**

Main Panel 2627 PORT SNETTISHAM. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17313 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.

17314 **13th Ed.** **01-NOV-14** **Last LNM: 46/14** **NAD 83** **47/22**

ChartTitle: **Slocum and Limestone Inlets and Taku Harbor**

Main Panel 2628 SLOCUM AND LIMESTONE INLETS AND TAKU HARBOR. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17314 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.	--	--

17317 **21st Ed.** **01-MAY-15** **Last LNM: 22/20** **NAD 83** **47/22**

ChartTitle: **Lynn Canal-Point Sherman to Skagway;Lutak Inlet;Skagway and Nahku Bay;Portage Cove, Chilkoot Inlet**

Main Panel 2634 LYNN CANAL POINT SHERMAN TO SKAGWAY. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17317 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.	--	--

17318 **8th Ed.** **01-NOV-12** **Last LNM: 29/21** **NAD 83** **47/22**

ChartTitle: **Glacier Bay;Bartlett Cove**

Main Panel 2638 GLACIER BAY. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17318 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.	--	--

17321 **10th Ed.** **01-MAY-14** **Last LNM: 30/16** **NAD 83** **47/22**

ChartTitle: **Cape Edward to Lisianski Strait, Chichagof Island**

Main Panel 2645 CAPE EDWARD TO LISIANSKI STRAIT. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17321 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17322 **11th Ed.** **01-MAY-14** **Last LNM: 12/16** **NAD 83** **47/22**

ChartTitle: **Khaz Bay, Chichagof Island Elbow Passage**

Main Panel 2646 WEST COAST OF CHICHAGOF ISLAND KHAZ BAY. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17322 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17325 **10th Ed.** **01-MAR-15** **Last LNM: 12/15** **NAD 83** **47/22**

ChartTitle: **South and West Coasts of Kruzof Island**

Main Panel 2653 SOUTH AND WEST COASTS OF KRUZOF ISLAND. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17325 will be published. It will be canceled on 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.	--	--

17328 **8th Ed.** **01-NOV-11** **Last LNM: 22/11** **NAD 83** **47/22**

ChartTitle: **Snipe Bay to Crawfish Inlet,Baranof I.**

Main Panel 2659 BARANOF ISLAND SNIPE BAY TO CRAWFISH INLET. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17328 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17330 **10th Ed.** **01-MAR-15** **Last LNM: 10/15** **NAD 83** **47/22**

ChartTitle: **West Coast of Baranof Island Cape Ommaney to Byron Bay**

Main Panel 2661 CAPE OMMANEY TO BYRON BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 17330 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17331 **9th Ed.** **01-MAR-13** **Last LNM: 16/15** **NAD 83** **47/22**

ChartTitle: **Chatham Strait Ports Alexander, Conclusion, and Armstrong**

Main Panel 2663 PORTS ALEXANDER CONCLUSION AND ARMSTRONG. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17331 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17333 **10th Ed.** **01-MAR-13** **Last LNM: 17/13** **NAD 83** **47/22**

ChartTitle: **Ports Herbert, Walter, Lucy and Armstrong**

Main Panel 2664 PORTS HERBERT WALTER LUCY AND ARMSTRONG. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17333 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17335 **9th Ed.** **01-MAR-13** **Last LNM: 17/13** **NAD 83** **47/22**

ChartTitle: **Patterson Bay and Deep Cove**

Main Panel 2665 PATTERSON BAY AND DEEP COVE. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17335 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. -- --

17336 **10th Ed.** **01-JAN-13** **Last LNM: 10/13** **NAD 83** **47/22**

ChartTitle: **Harbors in Chatham Strait and vicinity Gut Bay, Chatham Strait;Hoggatt Bay, Chatham Strait;Red Bluff Bay, Chatham Strait;Herring Bay and Chapin Bay, Frederick Sound;Surprise Hbr, and Murder Cove, Frederick Sound**

Unrelated 2666 HARBORS IN CHATHAM STRAIT AND VICINITY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17336 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. -- --

17337 **10th Ed.** **01-MAR-12** **Last LNM: 11/12** **NAD 83** **47/22**

ChartTitle: **Harbors in Chatham Strait Kelp Bay;Warm Spring Bay;Takatz and Kasnyku Bays**

Unrelated 2671 WARM SPRING BAY CHATHAM STRAIT. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17337 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. -- --

17338 **15th Ed.** **01-MAR-12** **Last LNM: 11/12** **NAD 83** **47/22**

ChartTitle: **Peril Str.-Hoonah Snd. to Chatham Str.**

Main Panel 2675 PERIL STRAIT HOONAH SND-CHATHAM STRAIT. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17338 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. -- --

17339 **13th Ed.** **01-APR-12** **Last LNM: 38/19** **NAD 83** **47/22**

ChartTitle: **Hood Bay and Kootznahoo Inlet**

Main Panel 2676 HOOD BAY AND KOOTZNAHOO INLET. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17339 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. -- --

17341 10th Ed. 01-APR-12 Last LNM: 24/12 NAD 83 47/22

ChartTitle: **Whitewater Bay and Chaik Bay, Chatham Strait**

Main Panel 2678 WHITEWATER BAY AND CHAIK BAY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17341 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. -- --

17362 11th Ed. 01-NOV-14 Last LNM: 46/14 NAD 83 47/22

ChartTitle: **Gambier Bay, Stephens Passage**

Main Panel 2681 GAMBIER BAY. Page/Side: A

NOS

LAST EDITION No new editions of chart 17362 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. -- --

17363 14th Ed. 01-MAY-14 Last LNM: 09/22 NAD 83 47/22

ChartTitle: **Pybus Bay, Frederick Sound;Hobart and Windham Bays, Stephens P.**

Unrelated 2682 PYBUS BAY FREDERICK SOUND. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17363 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17365 13th Ed. 01-JUN-14 Last LNM: 25/14 NAD 83 47/22

ChartTitle: **Woewodski and Eliza Hbrs.;Fanshaw Bay and Cleveland Passage**

Unrelated 2684 WOEWODSKI AND ELIZA HARBORS. Page/Side: A

NOS

LAST EDITION No new editions of chart 17365 will be published. It will be canceled on 01-Feb-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17367 12th Ed. 01-AUG-14 Last LNM: 32/14 NAD 83 47/22

ChartTitle: **Thomas, Farragut, and Portage Bays, Frederick Sound**

Main Panel 2686 THOMAS FARRAGUT AND PORTAGE BAYS. Page/Side: A

NOS

LAST EDITION No new editions of chart 17367 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17368 8th Ed. 01-SEP-14 Last LNM: 09/22 NAD 83 47/22

ChartTitle: **Keku Strait-northern part, including Saginaw and Security Bays and Port Camden;Kake Inset**

Main Panel 2687 KEKU STRAIT NORTHERN PART. Page/Side: A

NOS

LAST EDITION No new editions of chart 17368 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17370 12th Ed. 01-APR-15 Last LNM: 15/15 NAD 83 47/22

ChartTitle: **Bay of Pillars and Rowan Bay, Chatham Strait;Washington Bay, Chatham Strait**

Main Panel 2692 BAY OF PILLARS ROWAN AND WASHINGTON BAYS. Page/Side: A

NOS

LAST EDITION No new editions of chart 17370 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17372 12th Ed. 01-DEC-11 Last LNM: 50/09 NAD 83 47/22

ChartTitle: **Keku Strait-Monte Carlo Island to Entrance Island;The Summit;Devils Elbow**

Main Panel 2694 CONTINUATION OF KEKU STRAIT. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17372 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17375 22nd Ed. 01-DEC-09 Last LNM: 31/22 NAD 83 47/22

ChartTitle: **Wrangell Narrows;Petersburg Harbor**

Main Panel 2698 CONTINUATION OF WRANGELL NARROWS. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17375 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and 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. -- --

17376 9th Ed. 01-OCT-12 Last LNM: 43/12 NAD 83 47/22

ChartTitle: **Tebenkof Bay and Port Malmesbury**

Main Panel 2701 TEBENKOF BAY AND PORT MALMESBURY. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17376 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17377 2nd Ed. 01-MAY-14 Last LNM: 18/14 NAD 83 47/22

ChartTitle: **Le Conte Bay**

Main Panel 2936 ALASKA FREDERICK SOUND AND LECONTE BAY. Page/Side: 1

NOS

LAST EDITION No new editions of chart 17377 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17378 15th Ed. 01-MAY-14 Last LNM: 19/14 NAD 83 47/22

ChartTitle: **Port Protection, Prince of Wales Island**

Main Panel 2702 PRINCE OF WALES ISLAND PORT PROTECTION. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17378 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17379 2nd Ed. 01-MAY-14 Last LNM: 17/14 NAD 83 47/22

ChartTitle: **Shakan Bay And Strait, Alaska**

Main Panel 2999 SHAKEN BAY AND STRAIT; ALASKA. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17379 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17381 11th Ed. 01-MAR-15 Last LNM: 10/15 NAD 83 47/22

ChartTitle: **Red Bay, Prince of Wales Island**

Main Panel 2703 RED BAY PRINCE OF WALES ISLAND. Page/Side: A

NOS

LAST EDITION No new editions of chart 17381 will be published. It will be canceled on -- --

01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

17383 **4th Ed.** **01-MAR-15** **Last LNM: 21/16** **NAD 83** **47/22**

ChartTitle: **Snow Passage, Alaska**

Main Panel 2962 SNOW PASSAGE; ALASKA. Page/Side: A

NOS

LAST EDITION No new editions of chart 17383 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17386 **5th Ed.** **01-SEP-12** **Last LNM: 36/19** **NAD 83** **47/22**

ChartTitle: **Sumner Strait-Southern part**

Main Panel 2711 SUMNER STRAIT SOUTHERN PART. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17386 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17387 **14th Ed.** **01-JUN-14** **Last LNM: 23/14** **NAD 83** **47/22**

ChartTitle: **Shakan and Shipley Bays and Part of El Capitan Passage;El Capitan Pasage, Dry Pass to Shakan Strait**

Main Panel 2713 SHAKAN AND SHIPLEY BAYS AND PART OF EL CAPITAN PASSAGE. Page/Side: A

NOS

LAST EDITION No new editions of chart 17387 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17401 **13th Ed.** **01-MAR-15** **Last LNM: 12/15** **NAD 83** **47/22**

ChartTitle: **Lake Bay and approaches, Clarence Str.**

Main Panel 2716 LAKE BAY AND APPROACHES CLARENCE STRAIT. Page/Side: A

NOS

LAST EDITION No new editions of chart 17401 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17402 **12th Ed.** **01-DEC-10** **Last LNM: 36/19** **NAD 83** **47/22**

ChartTitle: **Southern Entrances to Sumner Strait**

Main Panel 2717 SOUTHERN ENTRANCES TO SUMNER STRAIT. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17402 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17403 **15th Ed.** **01-MAY-14** **Last LNM: 17/14** **NAD 83** **47/22**

ChartTitle: **Davidson Inlet and Sea Otter Sound;Edna Bay**

Main Panel 2718 DAVIDSON INLET AND SEA OTTER SOUND. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17403 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17404 **15th Ed.** **01-OCT-13** **Last LNM: 19/16** **NAD 83** **47/22**

ChartTitle: **San Christoval Channel to Cape Lynch**

Main Panel 2720 SAN CHRISTOVAL CHANNEL TO CAPE LYNCH. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17404 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart -- --

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

17405 **17th Ed.** **01-OCT-13** **Last LNM: 46/19** **NAD 83** **47/22**

ChartTitle: **Ulloa Channel to San Christoval Channel;North Entrance, Big Salt Lake;Shelter Cove, Craig**

Main Panel 2721 ULLOA CHANNEL TO SAN CHRISTOVAL CHANNEL. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17405 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17406 **8th Ed.** **01-OCT-13** **Last LNM: 45/13** **NAD 83** **47/22**

ChartTitle: **Baker, Noyes, and Lululslands and adjacent waters**

Main Panel 2725 BAKER NOYES AND LULU ISLANDS AND ADJACENT WATERS. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17406 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17407 **16th Ed.** **01-DEC-14** **Last LNM: 44/16** **NAD 83** **47/22**

ChartTitle: **Northern part of Tlevak Strait and Uloa Channel**

Main Panel 2726 NORTHERN PART OF TLEVAK STRAIT AND ULLOA CHANNEL. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17407 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17422 **10th Ed.** **01-MAR-15** **Last LNM: 32/18** **NAD 83** **47/22**

ChartTitle: **Behm Canal-western part;Yes Bay**

Main Panel 2730 WESTERN PART OF BEHM CANAL. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17422 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17423 **15th Ed.** **01-SEP-13** **Last LNM: 19/14** **NAD 83** **47/22**

ChartTitle: **Harbor Charts-Clarence Strait and Behm Canal Dewey Anchorage, Etolin Island;Ratz Harbor, Prince of Wales Island;Naha Bay, Revillagigedo Island;Tolstoi and Thorne Bays, Prince of Wales Is.;Union Bay, Cleveland Peninsula**

Unrelated 2732 RATZ HARBOR PRINCE OF WALES ISLAND. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17423 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17424 **9th Ed.** **01-OCT-09** **Last LNM: 17/14** **NAD 83** **47/22**

ChartTitle: **Behm Canal-eastern part**

Main Panel 2737 EASTERN PART OF BEHM CANAL. Page/Side: N/A

		NOS	
LAST EDITION	No new editions of chart 17424 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.	--	--

17425 **7th Ed.** **01-MAY-15** **Last LNM: 21/15** **NAD 83** **47/22**

ChartTitle: **Portland Canal-North of Hattie Island**

Main Panel 2738 PORTLAND CANAL NORTH OF HATTIE ISLAND. Page/Side: A

		NOS	
LAST EDITION	No new editions of chart 17425 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart	--	--

(ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.

17426 **16th Ed.** **01-JUN-14** **Last LNM: 23/16** **NAD 83** **47/22**

ChartTitle: **Kasaan Bay, Clarence Strait;Hollis Anchorage, eastern part;Lyman Anchorage**

Main Panel 2739 KASAAN BAY PRINCE OF WALES ISLAND. Page/Side: A

NOS

LAST EDITION No new editions of chart 17426 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17427 **8th Ed.** **01-MAY-15** **Last LNM: 07/22** **NAD 83** **47/22**

ChartTitle: **Portland Canal - Dixon Entrance to Hattie I.**

Main Panel 2742 PORTLAND CANAL DIXON ENTRANCE TO HATTIE ISLAND. Page/Side: A

NOS

LAST EDITION No new editions of chart 17427 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17431 **12th Ed.** **01-DEC-14** **Last LNM: 34/20** **NAD 83** **47/22**

ChartTitle: **N. end of Cordova Bay and Hetta Inlet**

Main Panel 2749 NORTH END OF CORDOVA BAY AND HETTA INLET. Page/Side: A

NOS

LAST EDITION No new editions of chart 17431 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17432 **8th Ed.** **01-MAR-15** **Last LNM: 06/18** **NAD 83** **47/22**

ChartTitle: **Clarence Strait and Moira Sound**

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

NOS

LAST EDITION No new editions of chart 17432 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17435 **17th Ed.** **01-MAY-14** **Last LNM: 15/17** **NAD 83** **47/22**

ChartTitle: **Harbors in Clarence Strait Port Chester, Annette Island;Tamgas Harbor, Annette Island;Metlakatla Harbor**

Main Panel 2849 PORT CHESTER. Page/Side: N/A

NOS

LAST EDITION No new editions of chart 17435 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17436 **10th Ed.** **01-JUN-14** **Last LNM: 32/18** **NAD 83** **47/22**

ChartTitle: **Clarence Strait, Cholmondeley Sound and Skowl Arm**

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

NOS

LAST EDITION No new editions of chart 17436 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml. -- --

17437 **11th Ed.** **01-AUG-17** **Last LNM: 07/22** **NAD 83** **47/22**

ChartTitle: **Portland Inlet to Nakat Bay**

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

NOS

LAST EDITION No new editions of chart 17437 will be published. It will be canceled on 01-Mar-23. Comparable or larger scale Electronic Navigational Chart (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.

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	Type	Status

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

Approved Project(s)	Project Date	Ref. LNM

None

Advance Notice(s)

690 **ALASKA – SOUTHEAST – SITKA**

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

LNM: 38/20

SECTION VI - PROPOSED CHANGES

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

PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

Proposed Project(s)	Closing	Docket No.	Ref. LNM

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks

None

PUBLICATION CORRECTIONS

None

ENCLOSURES

ALASKA - SOUTHCENTRAL - COOK INLET

4422 Ice Guidelines Implementation.pdf
Navigation Advisory Ice Guidelines Implementation

LNM: 44/22

ALASKA

4022 Subsurface Moorings.pdf
Compilation of Subsurface and Surface oceanography moorings properly reported to U.S. Coast Guard District 17.

LNM: 40/22

ALASKA – SOUTHCENTRAL – KODIAK ISLAND

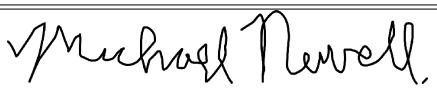
4522 PSCA P139 Launch.pdf
A rocket launch from the Pacific Spaceport complex located at Narrow Cape, Kodiak Island, Alaska.

LNM: 45/22

ALASKA

4722 AMSEA.pdf
AMSEA Maritime Training

LNM: 47/22



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

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

Commander
United States Coast Guard
Sector Anchorage

PO Box 5800
JBER, AK 99505
Staff Symbol: s
Phone: 907-428-4100
Fax: 907-428-4138

16710
October 25, 2022

CAPTAIN OF THE PORT, WESTERN ALASKA
NAVIGATION SAFETY ADVISORY

OPERATING GUIDELINES FOR ICE CONDITIONS IN COOK INLET

I. OVERVIEW

A. INTRODUCTION

1. The Captain of the Port (COTP), Western Alaska, through consultation with the Southwest Alaska Pilots Association (SWAPA) and members of the Cook Inlet Harbor Safety Committee developed these operating guidelines (hereafter, *Guidelines*) for vessels operating in Cook Inlet during winter ice conditions. They represent a culmination of best practices for mitigating risk to life, property, and the environment.

2. These *Guidelines* supersede all previous Operating Guidelines/Procedures for Ice Conditions in Cook Inlet. We invite your feedback and proposed revisions. As best practices evolve and lessons are learned, we anticipate and welcome changes. If you have any questions concerning these *Guidelines*, please contact USCG Sector Anchorage Waterways Management at (907) 428-4100.

B. IMPLEMENTATION

1. As ice analysis, forecasts, and collective risk assessments dictate, the COTP will issue Navigation Safety Advisories to activate additional measures for ice conditions in Upper Cook Inlet and Lower Cook Inlet. Lower Cook Inlet will be activated in a two-phased approach, Condition A and Condition B. This approach was established to facilitate more timely and appropriate risk mitigation strategies for ice conditions observed south of 60° 45’ N latitude (East and West Forelands). Condition B will be activated and deactivated as per the Memorandum of Understanding (MOU) between SWAPA and Marathon.

2. Activation of Upper and Lower Cook Inlet measures for ice conditions is based on a number of factors, to include: observed and forecasted severe, sub-freezing

temperatures, aerial observations, information, and analysis provided by NOAA, SWAPA, and Cook Inlet maritime operators.

3. If ice conditions preclude the safe operation of vessels at berths in Nikiski, Drift River, Port Mackenzie, or the Port of Alaska, the COTP may exercise the authority to control vessel and facility operations as necessary until conditions improve. If the condition of a vessel changes after reporting entry into Cook Inlet, these changes must be reported to the COTP along with a self-assessment and remedial actions taken. The Coast Guard will evaluate these actions and make a determination if further remedial actions are necessary.

4. All facility operators will follow the ice operations sections of their Coast Guard approved Operations Manuals, as appropriate.

II. STANDING GUIDELINES DURING ICE CONDITIONS

A. ALL VESSELS GREATER THAN 300GT

1. This subsection of the *Guidelines* stays in effect throughout the ice season and applies to all vessels greater than 300 gross tons transiting Cook Inlet during ice conditions.

2. The Master is ultimately responsible for the safe operation of the vessel at all times. Adherence to appropriate risk mitigation in accordance with these *Guidelines* demonstrates forehandedness on the part of the Master and is in keeping with prudent seamanship. However, it is the Master's responsibility to take all necessary steps to effectively mitigate risk in all circumstances.

3. The Master should ensure proper operation of all vessel machinery and systems in ice conditions and / or ambient air temperatures to -40 degrees Fahrenheit / -40 degrees Celsius. This includes but is not limited to emergency fire pumps, generators, and mooring winches.

4. The Master should maintain adequate draft to keep the vessel's sea suction and propeller well below the ice to prevent ice from sliding under the vessel. If a non-tank vessel must deviate from normal ballast procedures to meet this requirement (i.e., place water ballast in a cargo hold), the Master should obtain approval from the vessel's classification society prior to transiting through Cook Inlet. In addition, the Master should confirm the watertight integrity of the vessel prior to transit.

5. The Master should ensure the vessel crew is equipped with adequate personal protection suitable for cold weather during deck operations.

6. When transiting Cook Inlet, vessels must not force ice at any time. For these purposes, "forcing ice" is defined as making way through ice that is substantial enough to significantly slow the speed of the vessel, or when the vessel slows to 50%

or less of the speed being made before entering the ice. If the Master, Pilot, or both believe the vessel is forcing ice, the Master should abort the transit and navigate to safer waters until more favorable conditions are present (excluding Offshore Supply Vessels and Barge Operations).

7. While these Guidelines are in effect, all self-propelled vessels transiting Cook Inlet will be assessed by the Coast Guard and may be subject to an ice safety examination, included as Enclosure (2), upon arrival at the pilot station in Kachemak Bay. Determination of applicable safety examinations will be made in accordance with standard Coast Guard vessel pre-arrival screening procedures and risk analysis. Vessel operators or their agents must contact the COTP at Sector.Anchorage@uscg.mil or by fax: (907) 428-4114 at least 24 hours in advance of the vessel's arrival to the pilot station to determine if the vessel must undergo examination. If an ice safety examination is required, the Master of the vessel must complete and send the Cook Inlet Pre-Arrival Self-Examination Checklist included as Enclosure (1) to: Sector.Anchorage@uscg.mil or (907) 428- 4114 (fax) at least 24 hours in advance of the vessel's arrival to the pilot station.

8. Vessels with Internal Combustion Engines:

a. If fitted with a heat exchanger, the raw water must be kept at a sufficient temperature to prevent the accumulation of ice or slush ice within the system. This may be achieved by delivering a heated medium to both the primary and secondary sea chests. The medium should be continuously supplied to both sea chests from the time the vessel passes Anchor Point inbound until the time the vessel passes Anchor Point outbound. Only lines or hoses designed for their intended service will be in use.

b. Starting and control air tanks should remain peaked.

c. All vessels propelled by gas turbines should maintain the auxiliary gas turbine ready for immediate use and engagement in the event of main gas turbine failure.

9. All vessels arriving in Cook Inlet destined for a port with an active ice condition must file a voyage plan with the COTP by email: Sector.Anchorage@uscg.mil or by fax: (907) 428-4114, no less than 24 hours prior to arrival at or abeam the Kachemak Bay pilot station. Typically, the voyage plan will include an assessment of ice conditions based on National Weather Service reports and observations by SWAPA Pilots and other operators. Voyage plans must advise the COTP of intentions to contract with a tug/Ice Scout to lead the vessel through ice when needed. A Cook Inlet Voyage Plan template is included as Enclosure (3).

10. Vessel operators should make environmental considerations including: impacts of the tide and currents on ice pack and water depths, expected weather during transit, and visibility assessments. To obtain forecast currents corrected for Nikiski, consult the NOAA website at: https://tidesandcurrents.noaa.gov/noaacurrents/Stations?g=693. Alternative methods include: publications and vessel operators' shore support service sourcing.

11. If the weather forecast is cooling below 20 degrees Fahrenheit / -6 degrees Celsius, or the ice report is marginal, vessel operators should conduct a risk reduction evaluation prior to transiting Cook Inlet.

12. All vessels (including barges) should moor in such a fashion to mitigate "worst case" ice conditions expected.

13. If ice builds up between a moored vessel (including barges) and the pier that may threaten the integrity of the mooring, the vessel should be pulled away from the berth prior to maximum current to flush away accumulated ice.

14. Vessel operators should ensure their crewmembers are familiar with their communications procedures, backup and emergency communications are established, and radio channels and phone numbers are agreed upon prior to transiting Cook Inlet.

B. OFFSHORE SUPPLY VESSEL OPERATIONS

1. This subsection of the *Guidelines* stays in effect throughout the ice season and applies to all offshore supply vessels transiting Cook Inlet during ice conditions.

2. Vessels should maintain a full 24-hour crew compliment as specified in the Certificate of Inspection, regardless of voyage distance or vessel automation.

3. Vessel's hull should be of sufficient strength to force ice without impacting its seaworthiness.

C. TUG AND BARGE OPERATIONS

1. This subsection of the *Guidelines* stays in effect throughout the ice season and applies to all tug and barges transiting Cook Inlet during ice conditions.

2. Where ice coverage is seven tenths, close pack coverage or greater as published by the NOAA Ice Desk (links below), tugs attending barges should use an ice scout prior to commencing their transit.

National Weather Service Alaska Sea Ice Program: http://www.weather.gov/afc/ice
Cook Inlet Concentration: http://www.weather.gov/images/afc/ice/CTCookInlet.jpg
Cook Inlet Stage Analysis: https://www.weather.gov/images/afc/ice/SACookInlet.jpg

3. Tugs attending barges commonly maintain a notable reduction in speed while transiting through ice. Therefore, a barge transit into or out of a port of call in Cook Inlet above the East Forelands should occur during one tide cycle.

4. One cycle is defined as one flood or ebb tide into or out of an intended port of call above the East Forelands.

5. The lead vessel should immediately notify following vessels if the lead vessel is unable to proceed without "forcing ice".

6. Tug and barge operators should maintain a safe distance of separation between vessels based on current and predicted ice conditions.

7. Tug and barge operators should consider vessel traffic in the operating area and exercise safety measures such as: operating at a safe speed and establishing a collision avoidance steering maneuver agreement between operators.

8. Tug and barge operators are recommended to ensure their crewmembers agree upon the initial route planning and discuss potential deviations based on changing ice conditions. Operators are recommended to use the Pre-Arrival Checklist for Tug and Barge Operators included as Enclosure (4) in addition to pre-established safety procedures in preparation for operation during ice conditions in Cook Inlet.

III. UPPER COOK INLET GUIDELINES

North of 60° 45' N latitude (East -West Forelands)

WHILE MOORED AT FACILITIES IN UPPER COOK INLET:

A. SELF-PROPELLED VESSEL OPERATIONS

1. Vessels should maintain "underway" watches in both engineering spaces and on the bridge when ice conditions threaten a vessel's mooring arrangement.

2. While these guidelines are in effect, steam (or other heated medium, **not** including air) should be continuously delivered to both the primary and secondary sea chests.

3. Engines, generators, propulsion systems, and winches should be in a status to ensure the most expeditious means of mitigating ice conditions by relieving strain on mooring lines, getting the vessel underway, or both as appropriate. A sufficient number of additional mooring lines should also be immediately available.

B. TUG AND BARGE OPERATIONS

1. Tugs attending barges should maintain an "underway" watch while alongside a dock.

2. Tugs should keep main engines running and ready for immediate operation, to include testing generators, pumps, and winches for operation, in order to ensure prompt action can be taken to mitigate hazardous ice conditions, relieve strain on mooring lines, or get underway.

3. A sufficient number of additional mooring lines should be immediately available.

4. Ensure assist tugs are available for transit and confirm that they have no schedule conflicts.

IV. LOWER COOK INLET GUIDELINES

South of 60° 45' N latitude (East - West Forelands)

Lower Cook Inlet will be broken down into two conditions:

Condition "A" – Ice present w/no immediate impact to mooring
Condition "B" – Ice present w/ ice threatening the integrity of moorings

A. SELF-PROPELLED VESSEL OPERATIONS

1. Condition "A" – Ice present with no immediate impact to mooring

a. Engines, critical machinery remain in standby;
b. Ice scout/assist tug deployed in immediate vicinity;
c. Extra mooring lines immediately available.

2. Condition "B" – Ice present with ice threatening the integrity of moorings
Condition B includes the requirements of Condition A and the following additional measures:

a. Tug assist, immediate vicinity;
b. Ice scout, operational on scene;
c. Underway bridge watch to include Pilot(s) and engine room;
d. Engines, critical machinery running;
e. 4 knots Flood (forecasted) all cargo transfers shutdown (NOAA Tesoro Pier);
f. 5 knots Flood (forecasted) cargo hoses disconnected.

3. Condition "B" – Additional Details for Tesoro and LNG Dock
When Condition B is in effect and the flood current forecast is **4 knots or greater** and the vessel is encountering ice conditions **alongside the Tesoro and LNG dock,** the following actions should be taken:

a. Discontinue all transfer operations;
b. Make transfer hoses ready for immediate disconnect;
c. Maintain a continuous watch (to include a Pilot(s)) to ensure the most expeditious means of mitigating ice conditions by relieving strain on mooring lines, getting the vessel underway, or both as appropriate. Place engines and propulsion systems in a status to ensure the most expeditious means of mitigating ice conditions by relieving strain on mooring lines, getting the vessel underway, or both as appropriate; and,
d. Position a designated vessel up current of the moored vessel to serve as an ice

scout. The ice scout should only work under the direction of the moored vessel's navigational watch. The ice scout should be positioned to ensure observed ice conditions are relayed to the moored vessel in a timely manner for effective risk mitigation efforts.

e. The Master, Pilot, or Person-in-Charge should discontinue transfer operations, disconnect hoses, and get the vessel underway any time circumstances warrant.

B. NIKISKI TUG/BARGE OPERATING GUIDELINES

When Lower Cook Inlet guidelines are in effect, in addition to filing a voyage plan with the COTP the following actions should be taken:

1. Condition "A" - Ice present with no immediate impact to mooring

a. Engines, critical machinery remain in standby
b. Extra Mooring lines immediately available

2. Condition "B" – Ice present w/ ice threatening the integrity of moorings

Condition B includes the requirements of Condition A and the following additional measures:

a. Tug assist, immediate vicinity;
b. Ice Scout, operational on scene;
c. Underway watch bridge and engine room;
d. 2 knots Flood (forecasted) Engines, critical machinery running;
e. 4 knots Flood (forecasted) all cargo transfers shutdown (NOAA Tesoro Pier);
f. 5 knots Flood (forecasted) cargo hoses disconnected.

3. Condition "B" – Additional Details

When Condition B is in effect**,** the following actions should be taken:

a. An "assist" tug should assist the attending tug and barge to the facility;
b. When there is no ice at the dock and the barge has successfully moored, the assist tug may act as an ice scout under the direction of the moored tug's navigational watch. The ice scout should be positioned in the best location so that current ice conditions can be relayed to the attending tug in a timely manner, allowing tow response to expedite prudent risk mitigation;
c. The attending tug should maintain an "underway" watch on the bridge while alongside the dock, keep main engines running and ready for immediate operation, and keep a sufficient number of additional mooring lines immediately available for use in an emergency;
d. When a vessel is encountering ice conditions while alongside the dock, the assist tug should reposition alongside the moored tow in a timely manner;
e. When the flood current forecast is **2 knots or greater** and the tow is encountering

ice conditions whether underway or moored**,** both the attending and assist tug should keep main engines running and ready for immediate operation; and,

f. When the current forecast is **4 knots or greater** and the tug and barge is encountering ice conditions, all transfer operations should be discontinued and transfer hoses made ready for immediate disconnect.

g. The facility dock Person-in-Charge, Towing Vessel Operator, Tug Captain, or Barge Tankerman may determine it prudent to suspend transfer operations and disconnect hoses during maximum flood currents, since the ice flow is generally heavier on the flood tide at the Nikiski docks.

C. OFFSHORE SUPPLY VESSEL OPERATIONS

1. An "underway" watch should be maintained on the bridge when ice conditions threaten a vessel's anchoring or mooring arrangement.

L. M. LUSK
Captain, U.S. Coast Guard
Captain of the Port, Western Alaska

4 Enclosures

Cook Inlet Pre-Arrival Self-Examination Checklist

Vessel Name		Official/IMO Number	
Arrival Port/Facility		Arrival Date/Time	
Forward Draft		Aft Draft	
Please select all that apply to the vessel	□ Built to Ice Class* □ Polar Ship Certification* □ First Time to Cook Inlet **Please reply with relevant documentation attesting to the vessel's certification/classification*		

Verify fire and foam pumps, along with associated piping, are prepared for cold weather operations.	□ Yes	□ No □ N/A
Verify all lifeboat/liferaft releasing gears are free and clear of ice accumulation.	□ Yes	□ No □ N/A
Verify the pilot ladder is free and clear of ice accumulation immediately prior to use.	□ Yes	□ No □ N/A
Verify anchors are free and clear of ice accumulation and ready for immediate use.	□ Yes	□ No □ N/A
Verify emergency exit doors are free and clear of ice accumulation.	□ Yes	□ No □ N/A
Has the vessel received and reviewed a copy of the current Operating Guidelines for Ice Conditions in Cook Inlet prior to arrival?	□ Yes	□ No □ N/A
Has the vessel received and reviewed the current ice conditions and appropriate weather forecasts for Cook Inlet prior to arrival?	□ Yes	□ No □ N/A
Has steering gear test required by 33CFR164.25(a)(1) been conducted with satisfactory results?	□ Yes	□ No □ N/A
Does the vessel have steam or a re-circulation system running to all sea chests?	□ Yes	□ No □ N/A
Is the vessel free of any conditions of class?	□ Yes	□ No □ N/A
Verify the emergency generator is ready for cold weather operations.	□ Yes	□ No □ N/A
Verify all radar antennae are free and clear of ice accumulation and ready for use in freezing conditions.	□ Yes	□ No □ N/A
Verify the emergency tow system is ready for operation in freezing conditions.	□ Yes	□ No □ N/A
Verify mooring winches are free and clear of ice accumulation, ready for immediate use.	□ Yes	□ No □ N/A
Verify all sea strainers are free and clear of debris.	□ Yes	□ No □ N/A
Verify the vessel is free of deck ice accumulation that may affect stability and/or access and egress on the weather deck.	□ Yes	□ No □ N/A
Verify on deck containments are free and clear of ice accumulation and can still hold the designed capacity.	□ Yes	□ No □ N/A
Do all personnel have adequate winter protective clothing?	□ Yes	□ No □ N/A
Does the bridge or wheelhouse have adequate heating?	□ Yes	□ No □ N/A
Do living quarters have adequate heating?	□ Yes	□ No □ N/A

Explain any "No" response or provide additional information:

I have read and understood the document *Operating Guidelines for Ice Conditions in Cook Inlet* and attest to the veracity of this checklist report.

Master's Printed Name:		Master's Signature:	

Any changes to the vessel or its systems before or after an ice exam must be reported to the Coast Guard Officer in Charge, Marine Inspection.

Please send completed forms at least 24 hours prior to arrival in Cook Inlet to Sector.Anchorage@uscg.mil or (907) 428-4114 (fax). For any questions, contact the Duty Arrivals Petty Officer at (907) 223-9434.

Encl: (1)

Ice Guidelines Exam Form

Date:			
Coast Guard Vessel Examiners:			
Vessel Name:			
Destination or Port of Call:			
Ice Condition in Effect:	☐ **Upper Cook Inlet**	☐ **Lower Cook Inlet A**	☐ **Lower Cook Inlet B**
Draft Reading:	**Forward:**	**Aft:**	

☐ **SAT**	**All deck personnel must have adequate winter protective clothing.**
☐ **SAT**	**Steering gear test witnessed.**
☐ **SAT**	**Wheelhouse and living quarters heated.**
☐ **SAT**	**Operational test conducted of fire, ballast and emergency fire pump (do not press deck lines).**
☐ **SAT**	**Operational test conducted of both anchor windlasses and all deck mooring winches (not while moored to a pier).**
☐ **SAT**	**Verify steam run to all sea chests or a re-circulation system. Hoses or lines must be designed for steam service. Operationally test all steam lines to ensure they are clear and steam is delivered all the way into the sea chest.**
☐ **SAT**	**Ensure all secured engines have heat exchangers on. All vessels powered by gas turbines shall maintain the auxiliary gas turbine ready for immediate use in the event of main gas turbine failure.**
☐ **SAT**	**Ensure emergency generator fuel tank is topped off, and generator set in auto mode. Operationally test by starting in manual mode.**
☐ **SAT**	**Discuss with vessel personnel the requirement to maintain compliance with the prescribed "Ice Guidelines", including while at the dock and during all subsequent voyages while the "Ice Guidelines" are in effect.**
☐ **SAT**	**Conduct visual examination of releasing gear for lifeboats/liferafts and emergency exits for excess ice accumulation and discuss with vessel personnel the importance of maintaining this equipment in icy weather.**
☐ **SAT**	**Is the crew familiar with the vessel's communications procedures, vessel's planned route and collision avoidance procedures?**

Cook Inlet Voyage Plan

Vessel Information

Name _____

Official Number _____

Cargo _____

Voyage Information

Notice of Arrival Submitted in accordance with 33 CFR 160 Subpart C? _____

Destination _____

ETA _____

ETD _____

Anticipated Weather / Ice Conditions _____

_____

_____

Planned use of assist tugs _____

_____

_____

Contact Information

Ship (Phone/E-mail/VHF) _____

Agent _____

Owner / Operator _____

Did you fill out required Ice Guidelines self-examination sheet
(Found on Homeport)

Fax with Voyage Plan

Additional Information

_____

_____

_____

_____

Voyage Plan Submitted by _____

Encl: (3)

Pre-Arrival Checklist for Tug and Barge Operators

Checklist Item	Master's Initials
Pre docking	
1. Review Port Information Book prior to arrival	
2. Check most current weather forecast 1 hour prior to docking maneuvers	
3. Check tide/current tables and advise tankerman of slack tide periods and range of tide, which must be noted in barge load plans	
4. Determine maximum allowable current velocity during docking/undocking maneuvers	
5. Check operation of mooring winches	
6. Check mooring lines/wires (compliance with facility's mooring requirements)	
7. Discuss mooring plan with crew	
8. Review load plan with tankerman	
9. Ensure tug mooring lines (double head and spring lines if moored on the hip)	
10. Ensure second generator on standby	
11. Ensure backup steering pump online	
12. Determine radio communications with dock and assisting tugs	
13. Ensure all crew required to assist with docking/undocking maneuvers	
14. Determine use of an assist tug at Master's discretion	
15. Determine mooring arrangement: north/south facing orientation	
While Moored at dock	
1. Maintain wheelhouse watch at all times when moored	
2. Check weather update 1 hour prior to all water slack	
3. Notify dock control pending weather concerns	
4. Monitor mooring lines/wires (check with dock control for tension indicators)	
5. Determine when to bring barge hydraulics on line. Example ½ hour before low slack	
6. Determine/manage crew leave while moored at dock	
7. Determine status of tug main engines, steering and navigation equipment before tide changes	
Towed Barges - Parameters	
1. Determine when head and spring lines should be doubled when operating in and around facility	
2. Consider loading barge as uniformly/flat as possible (especially one hour before low slack)	
3. Consider maneuvering barge to get tug a lee after departure to minimize slamming damage	

Checklist Item	Master's Initials
Articulated Tug Barges (ATB) - Parameters	
1. Determine when ATB's must be all fast at berth. Example: at least one hour prior to high water slack	
2. Determine when ATB's mooring at the berth will moor port/starboard side to, bow facing south/north	
3. Determine when tug Master will brief the assist tug regarding weather parameters for emergency departure, connection location(s) for tow hawser, if needed and departure procedures	
4. Determine when during all periods of flood tides, tug and barge must be hard coupled	
5. Determine when tug will commence coupling maneuver. Example: at least ½ hour prior to low water slack, allowing sufficient time to complete coupling prior to the change of tide	
6. Determine when during coupling maneuvers barge transfer operations are to be shut down and header valve(s) closed	
7. Determine when crew will use ballast and loading trim to minimize the number of couple/de-couple maneuvers	
8. Determine when tug will have main engines and navigational equipment online and in state of readiness for emergency departure	
Emergency Departure Guidelines	
1. Advise Dock Control of intent to depart	
2. Advise assist tug of intent to depart and discuss departure plan	
3. All vessel crew called out to assist with departure	
4. Secure transfer operations	
5. Secure barge valves	
6. Barge positioned to squarely spring off dock fender panels (do not allow barge to drift inside face of fender panels)	
7. Notify company of emergency departure	

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

ALASKA – ARCTIC OCEAN

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	72°27.655'N, 157°23.774'W	780 feet	731 feet	39/10	Ethan Roth ehroth@ucsd.edu
N/A	72° 47.939'N, 158°23.941'W	1,066 feet	1,017 feet	39/10	Ethan Roth ehroth@ucsd.edu
N/A	72°07.275'N, 160"29.698'W	131 feet	115 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°09.747'N, 159°07.349'W	167 feet	85 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°10.875'N, 159°33.117'W	184 feet	95 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°41.745'N, 164°31.935'W	N/A	151 feet	35/12	N/A
N/A	72°31.517'N, 164°05.944'W	N/A	164 feet	35/12	N/A
N/A	72°16.850'N, 163°32.034'W	N/A	131 feet	35/12	N/A
HARP C2	72° 48.154'N, 158°25.384'W	1,062 feet	979 feet	48/15	Josh Jones 858-822-1836
HARP D	72° 36.925'N, 158°42.177'W	323 feet	237 feet	48/15	Josh Jones 858-822-1836
AIM16-1	75°06.003'N, 168°00.004'W	535 feet	142 feet	44/16	Dr. Humfrey Melling 250-363-6552
20CKP9A	72°28.210'N, 156°33.510'W	3,199 feet	1,280 feet	38/20	David Strausz 206-526-4510
NAP-20t	74°31.370'N, 161°55.880'W	5,528 feet	141 feet	42/20	Motoyo ITOH +81-46-867-9488
AMOS-VLF-1	77°29.600'N, 140°10.800'W	12,264 feet	230 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-C	76°24.800'N, 142°28.200'W	12,326 feet	131 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-NW	76°08.800'N, 145°17.000'W	12,441 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-NE	75°46.400'N, 141°30.800'W	12,251 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-B	75°30.000'N, 144°08.400'W	12,379 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-SE	74°52.500'N, 143°05.200'W	12,241 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-SW	75°13.000'N, 146°40.600'W	12,464 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-A	74°35.300'N, 145°32.700'W	12,339 feet	131 feet	35/22	Craig Lee, craiglee@uw/edu

CANADA – BEAUFORT SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
ACW16-30	68°59.173'N, 105°53.030'W	242 feet	231 feet	44/16	Dr. Humfrey Melling 250-363-6552
CB12	70°33.770'N, 127°41.710'W	125 feet	116 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-1a	70°20.031'N, 133°44.369'W	180 feet	171 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-1b	70°20.035'N, 133°44.452'W	180 feet	171 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-2	70°59.359'N, 133°44.636'W	365 feet	146 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-9a	70°03.534'N, 133°42.918'W	116 feet	106 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-9b	70°03.501'N, 133°42.937'W	116 feet	106 feet	44/16	Dr. Humfrey Melling 250-363-6552
SIC16-11	69°46.483'N, 137°02.757'W	117 feet	107 feet	44/16	Dr. Humfrey Melling 250-363-6552
HI16	69°39.284'N, 138°55.279'W	134 feet	125 feet	44/16	Dr. Humfrey Melling 250-363-6552

ALASKA – BEAUFORT SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	71°35.980'N, 161°30.3221'W	151 feet	111 feet	48/14	David Leech 907-224-4319
AON-BS3	71°23.659'N, 152°03.046'W	482 feet	115 feet	49/14	Dr. Robert Pickart 508-289-2858
UPE120	71°12.338'N, 148°48.018'W	400 feet	374 feet	49/17	Steve Okkonen 907-283-3234
WAVE SS-1	70°29'16.8864"N, 147°30'00.3528"W	UNK	Surface	29/18	Jeremy Kasper 907-371-6510
ODAS-1	70°24.889'N, 147°39.206'W	26 feet	24 feet	30/19	Carmen Lawrence 902-405-3336
ODAS-2	70°16.663'N, 147°35.493'W	19 feet	17 feet	30/19	Carmen Lawrence 902-405-3336
BCE-19	71°40.368'N, 154°59.923'W	344 feet	131 feet	42/19	Motoyo ITOH +81-46-867-9488
BCC-19	71°44.049'N, 155°09.624'W	951 feet	131 feet	42/19	Motoyo ITOH +81-46-867-9488
BCW-19	71°47.766'N, 155°20.777'W	554 feet	131 feet	42/19	Motoyo ITOH +81-46-867-9488
AL20-AU-BF2	71°45.220'N, 154°28.070'W	335 feet	308 feet	38/20	Catherine Berchok 206-526-6331
Prudhoe	70°50.085'N, 146°23.564'W	207 feet	191 feet	03/22	Steve Okkonen 907-283-3234

ALASKA – CHUKCHI SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
Unnamed	71°14.459'N, 164°18.067'W	138 feet	Surface	28/15	Noah Lawrence 206-526-6209
2015MARU_2	71°29.792'N, 163°11.449'W	144 feet	140 feet	40/15	Catherine Berchok 206-526-6331
CEM1-19	71°35.971'N, 161°30.419'W	154 feet	108 feet	35/19	Peter Shipton 907-224-4319
CEM2-19	71°35.979'N, 161°31.648'W	154 feet	108 feet	35/19	Peter Shipton 907-224-4319
19CKP-5A	71°12.212'N, 158°00.722'W	157 feet	131 feet	35/19	David Strausz 206-525-4510
19CKP-4A	71°02.591'N, 160°29.706'W	171 feet	138 feet	35/19	David Strausz 206-525-4510

ALASKA – CHUKCHI SEA (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
19CKP-3A	71°49.486'N, 166°03.560'W	151 feet	125 feet	35/19	David Strausz 206-525-4510
AL19-AU-IC3	71°49.728'N, 166°03.993'W	151 feet	121 feet	35/19	Catherine Berchok 206-526-6331
20CKP-12A	67°54.820'N, 168°11.830'W	195 feet	161 feet	38/20	David Strausz 206-526-4510
20CKITAER-12A	67°54.290'N, 168°11.510'W	196 feet	115 feet	38/20	David Strausz 206-526-4510
20CK-1A	70°00.000'N, 163°00.000'W	125 feet	112 feet	38/20	David Strausz 206-526-4510
20CKP-2A	71°13.180'N, 164.14.830'W	146 feet	128 feet	38/20	David Strausz 206-526-4510
AL20-AU-CL1	69°18.880'N, 167°36.650'W	167 feet	141 feet	38/20	Catherine Berchok 206-526-6331
AL20-AU-IC1	70°50.160'N, 163°07.100'W	148 feet	121 feet	38/20	Catherine Berchok 206-526-6331
AL21-AU-PH1	67°54.507'N, 168°11.926'W	171 feet	138 feet	49/21	Catherine Berchok 206-526-6331
AL21-AU-WT1	71°02.470'N, 160°30.330'W	164 feet	135 feet	49/21	Catherine Berchok 206-526-6331
AL21-AU-IC2	71°12.882'N, 164°14.911'W	144 feet	115 feet	49/21	Catherine Berchok 206-526-6331
W. Barrow Canyon	71°37.868'N, 157°19.576'W	230 feet	214 feet	03/22	Steve Okkonen 907-283-3234
WhoopDeeDo	71°25.327'N, 152°44.103'W	269 feet	253 feet	03/22	Steve Okkonen 907-283-3234

ALASKA – 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
19BS-8A	62°12.000'N, 174°40.770'W	243 feet	177 feet	40/19	Geoff Lebon 206-526-6884
19BSP-8A	61°11.760'N, 174°40.470'W	243 feet	30 feet	40/19	Geoff Lebon 206-526-6884
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

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

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

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

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

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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. LNM:	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. 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:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
ADCP-A	59°16'34.5168"N, 154°07'03.6837"W	16 feet	13 feet	03/18	Jason Crockett 907-315-6513
ADCP-B	59°15'24.7255"N, 154°02'45.7066"W	43 feet	39 feet	03/18	Jason Crockett 907-315-6513

ALASKA – GULF OF ALASKA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
UAF GAK4M	59˚24.231'N, 149˚00.731'W	656 feet	328 feet	45/16	Dr. Andrew McDonnell 907-474-7529
WAVE YB-1	59°27'22.248"N, 139°45'02.088"W	UNK	Surface	29/17	Jeremy Kasper 907-371-6510
WAVE YB-2	59°26'58.7349"N, 139°47'46.3194"W	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-BT01	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 DEPTH:	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	197 feet (Surfacing 2X per day)	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

ALASKA – PRINCE WILLIAM SOUND (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
H11	60°19.008'N, 146°51.228'W	1135 feet	1022 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H12	60°18.888'N, 146°51.930'W	1194 feet	1075 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H13	60°18.738'N, 146°52.656'W	909 feet	818 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H14	60°18.588'N, 146°53.340'W	522 feet	470 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H15	60°18.468'N, 146°53.994'W	276 feet	244 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HC	60°18.120'N, 146°53.568'W	449 feet	404 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H16	60°18.540'N, 146°54.552'W	85 feet	53 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HD	60°17.982'N, 146°54.336'W	151 feet	119 feet	09/17	Mary Anne Bishop 907-424-5800 x228
M01	59°55.482'N, 147°48.630'W	295 feet	263 feet	09/17	Mary Anne Bishop 907-424-5800 x228
MA	59°55.146'N, 147°49.092'W	220 feet	188 feet	09/17	Mary Anne Bishop 907-424-5800 x228
M02	59°55.848'N, 147°49.074'W	446 feet	401 feet	09/17	Mary Anne Bishop 907-424-5800 x228
MB	59°55.512'N, 147°49.512'W	420 feet	378 feet	09/17	Mary Anne Bishop 907-424-5800 x228
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 Anne Bishop 907-424-5800 x228
Grav-1	60˚41.370’N, 146˚23.956’W	16 feet	Surface	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-2	60˚41.454’N, 146˚23.496’W	75 feet	55 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-3	60˚40.925’N, 146˚23.018’W	146 feet	126 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-4	60˚40.696’N, 146˚22.561’W	195 feet	176 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-5	60˚41.257’N, 146˚24.580’W	7 feet	Surface	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-6	60˚41.033’N, 146˚24.109’W	53 feet	34 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-7	60˚40.811’N, 146˚23.633’W	128 feet	108 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-8	60˚40.580’N, 146˚23.148’W	158 feet	138 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-9	60˚40.362’N, 146˚22.692’W	212 feet	192 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-10	60˚40.970’N, 146˚23.557’W	106 feet	86 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT1	60˚41.053’N, 146˚24.004’W	59 feet	40 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT2	60˚41.071’N, 146˚23.896’W	72 feet	53 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT3	60˚41.090’N, 146˚23.765’W	74 feet	55 feet	16/17	Mary Anne Bishop 907-424-5800 x228
RH1	60°36.987’N, 146°37.412’W	213 feet	203 feet	28/18	Mary Anne Bishop 907-424-5800 x228
RH2	60°38.175’N, 146°29.837’W	223 feet	223 feet	28/18	Mary Anne Bishop 907-424-5800 x228
NMS1	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
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

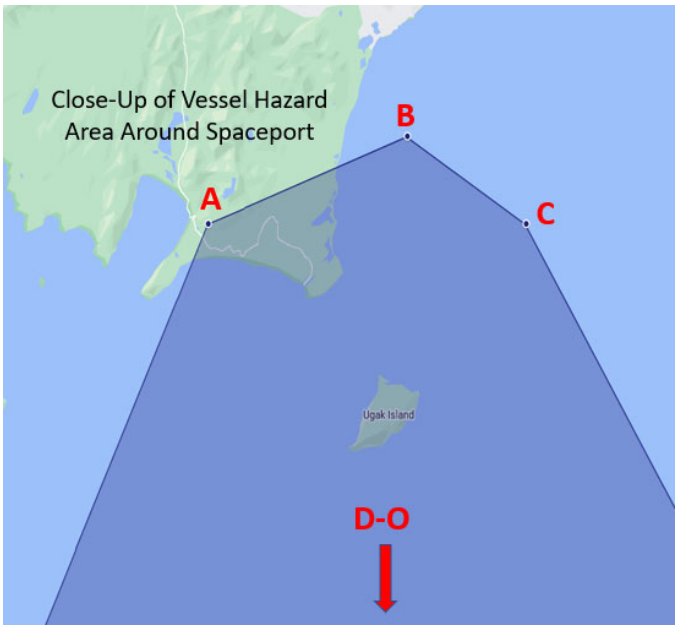
TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
HARP-CB	58˚40.409'N, 148˚00.546'W	2,877 feet	2,779 feet	49/14	Josh Jones 858-822-1836
HARP-PT	56˚14.635'N, 142˚45.431'W	3,238 feet	3,140 feet	49/14	Josh Jones 858-822-1836
MFM-A	49˚58.60'N, 144˚14.77'W	13,540 feet	49 feet	24/15	Gabriella 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

Pacific Spaceport Complex Alaska (PSCA) will be conducting a launch designated P139 from Launch Pad LP-3C at Narrow Cape, Kodiak, Alaska, with a launch azimuth of 176°. Daily launch operations are scheduled between 2200-0130 UTC December 7th through December 15th, 2022 (UTC). In local time 1300-1630 AKST December 7th through December 14th, 2022 (local). Mariners are requested to remain clear of the Hazard Areas during the scheduled launch operations. Questions/concerns should be directed to the PSCA Operations Director, Shannon Edwards at (907) 743-3633, or by email to shannon.edwards@akaerospace.com or the PSCA Ground Safety Officer, Paul Pena, at (907) 743-3525, or by email to ppena.ctr@akaerospace.com.

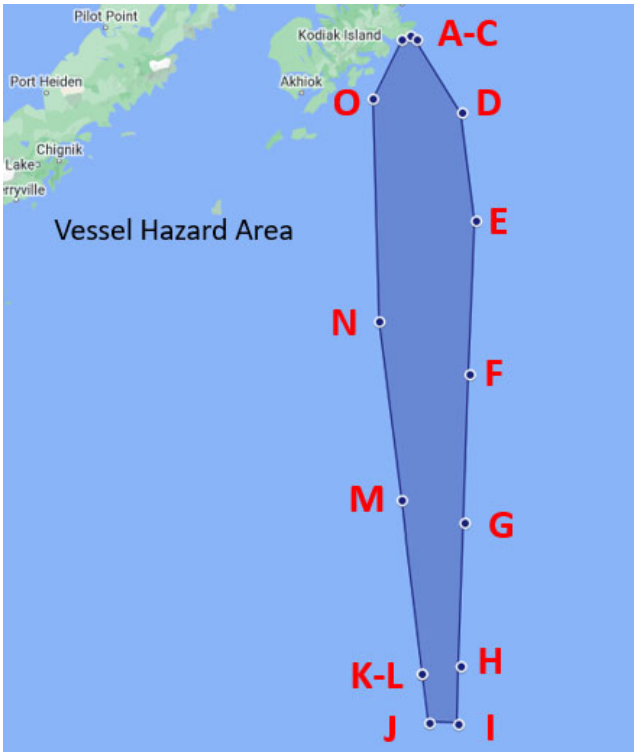
Total Hazard Area (Degrees Decimal Minutes):

Point A:	57°27.5868'N	152°26.16'W
Point B:	57°29.4816'N	152°16.44'W
Point C:	57°27.4308'N	152°10.5'W
Point D:	56°45.1476'N	151°22.92'W
Point E:	55°42.9672'N	151°08.4'W
Point F:	54°10.1784'N	151°14.1'W
Point G:	52°37.3842'N	151°19.38'W
Point H:	51°4.5864'N	151°24.3'W
Point I:	50°26.3724'N	151°26.16'W
Point J:	50°27.1284'N	151°57.54'W
Point K:	50°59.8608'N	152°04.98'W
Point L:	50°59.8764'N	152°04.98'W
Point M:	52°51.1062'N	152°26.1'W
Point N:	54°42.2658'N	152°49.14'W
Point O:	56°53.5608'N	152°56.58'W

Graphical depiction of Up-Range Hazard Area:



Graphical depiction of NOTMAR Hazard Area:



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: November 25, 2022
Kill Date: December 3, 2022

AMSEA Workshops of Interest to Mariners in District 17

The Alaska Marine Safety Education Association is offering a number of classes in U.S. Coast Guard District 17 that may be of interest to mariners. Many of these workshops are offered at 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
12/3/22	12/3/22	Juneau	AK
12/9/22	12/9/22	Sitka	AK
1/23/23	1/23/23	Sitka	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)

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

Start Date	End Date	Location	State
12/07/2022	12/07/2022	Sitka	AK
1/25/2022	1/25/2022	Sitka	AK