



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

## LOCAL NOTICE TO MARINERS

**District: 17**

**Week: 48/22**

-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 A130-22 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

|                                   |   |   |
|-----------------------------------|---|---|
| AI - Alternating                  | IMCH - Improper Characteristic                | R - Red                                       |
| B - Buoy                          | INL - Inlet                                   | RACON - Radar Transponder Beacon              |
| BKW - Breakwater                  | INOP - Not Operating                          | Ra ref - Radar reflector                      |
| bl - Blast                        | INT - Intensity                               | RBN - Radio Beacon                            |
| BNM - Broadcast Notice to Mariner | ISL - Islet                                   | REBUILT - Aid Rebuilt                         |
| bu - Blue                         | Iso - Isophase                                | RECOVERED - Aid Recovered                     |
| C - Canadian                      | KHz - Kilohertz                               | RED - Red Buoy                                |
| CHAN - Channel                    | LAT - Latitude                                | REFL - Reflective                             |
| CGD - Coast Guard District        | LB - Lighted Buoy                             | RRL - Range Rear Light                        |
| C/O - Cut Off                     | LBB - Lighted Bell Buoy                       | RELIGHTED - Aid Relit                         |
| CONT - Contour                    | LHB - Lighted Horn Buoy                       | RELOC - Relocated                             |
| CRK - Creek                       | LGB - Lighted Gong Buoy                       | RESET ON STATION - Aid Reset on Station       |
| CONST - Construction              | LONG - Longitude                              | RFL - Range Front Light                       |
| DAYMK/Daymk - Daymark             | LNM - Local Notice to Mariners                | RIV - River                                   |
| DBN/Dbn - Daybeacon               | LT - Light                                    | RRASS - Remote Radio Activated Sound Signal   |
| DBD/DAYBD - Dayboard              | LT CONT - Light Continuous                    | s - seconds                                   |
| DEFAC - Defaced                   | LTR - Letter                                  | SEC - Section                                 |
| DEST - Destroyed                  | LWB - Lighted Whistle Buoy                    | SHL - Shoaling                                |
| DISCON - Discontinued             | LWP - Left Watching Properly                  | si - silent                                   |
| DMGD/DAMGD - Damaged              | MHz - Megahertz                               | SIG - Signal                                  |
| ec - eclipse                      | MISS/MSNG - Missing                           | SND - Sound                                   |
| EST - Established Aid             | Mo - Morse Code                               | SPM - Single Point Mooring Buoy               |
| ev - every                        | MRASS - Marine Radio Activated Sound Signal   | SS - Sound Signal                             |
| EVAL - Evaluation                 | MSLD - Misleading                             | STA - Station                                 |
| EXT - Extinguished                | N/C - Not Charted                             | STRUCT - Structure                            |
| F - Fixed                         | NGA - National Geospatial-Intelligence Agency | St M - Statute Mile                           |
| fl - flash                        | NO/NUM - Number                               | TEMP - Temporary Aid Change                   |
| Fl - Flashing                     | NOS - National Ocean Service                  | TMK - Topmark                                 |
| G - Green                         | NW - Notice Writer                            | TRLB - Temporarily Replaced by Lighted Buoy   |
| GIWW - Gulf Intracoastal Waterway | OBSCU - Obscured                              | TRLT - Temporarily Replaced by Light          |
| HAZ - Hazard to Navigation        | OBST - Obstruction                            | TRUB - Temporarily Replaced by Unlighted Buoy |
| HBR - Harbor                      | OBSTR - Obstruction                           | USACE - Army Corps of Engineers               |
| HOR - Horizontal Clearance        | Oc - Occulting                                | W - White                                     |
| HT - Height                       | ODAS - Anchored Oceanographic Data Buoy       | Y - Yellow                                    |

**Additional Abbreviations Specific to this LNM Edition:    None**

## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

306

### 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: 48/22

307

### ALASKA – NORTHERN – CHUKCHI SEA

The following subsurface data moorings have been recovered:

| TYPE/NAME: | POSITION:                 |
|------------|---------------------------|
| 19CKP-3A   | 71°49.486'N, 166°03.560'W |
| 19CKP-5A   | 71°12.212'N, 158°00.722'W |
| 19CKP-4A   | 71°02.591'N, 160°29.706'W |
| 20CK-1A    | 70°00.000'N, 163°00.000'W |
| 20CKP-2A   | 71°13.180'N, 164.14.830'W |

The following subsurface data moorings have been established:

| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: |
|------------|---------------------------|--------------|------------------|
| 22CKP-1A   | 70°50.163'N, 163°07.765'W | 144 feet     | 115 feet         |
| 22CKP-2A   | 71°12.940'N, 164°15.394'W | 144 feet     | 118 feet         |

|           |                           |          |          |
|-----------|---------------------------|----------|----------|
| 22CKP-3A  | 71°49.694'N, 166°03.979'W | 148 feet | 121 feet |
| 22CKP-5A  | 71°15.566'N, 157°59.943'W | 161 feet | 144 feet |
| 22CKP-12A | 67°54.621'N, 168°11.056'W | 190 feet | 161 feet |

Questions/concerns should be directed to David Strausz at 206-526-4510 or by email to David.strausz@noaa.gov.

LNM: 48/22

### 308      **ALASKA – WESTERN – BERING SEA**

The following subsurface data moorings have been recovered:

|            |                           |
|------------|---------------------------|
| TYPE/NAME: | POSITION:                 |
| 19BS-8A    | 62°12.000'N, 174°40.770'W |
| 19BSP-8A   | 61°11.760'N, 174°40.470'W |

The following subsurface data mooring has been established:

|            |                           |              |                  |
|------------|---------------------------|--------------|------------------|
| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: |
| 22UPP-2A   | 54°18.340'N, 164°45.140'W | 256 feet     | 240 feet         |

Questions/concerns should be directed to David Strausz at 206-526-4510 or by email to David.strausz@noaa.gov.

LNM: 48/22

### 309      **ALASKA – SOUTHCENTRAL – COOK INLET – KASIFOLOF RIVER**

The following navigational aids have been decommissioned for the 2022 season:

LLNR 26310 – Kasilof River Channel LT  
LLNR 26315 – Kasilof Entrance Channel B 2  
LLNR 26315.1 – Kasilof Entrance Channel B 3  
LLNR 26315.2 – Kasilof Entrance Channel B 4  
LLNR 26315.3 – Kasilof Entrance Channel B 5  
LLNR 26315.4 – Kasilof Entrance Channel B 6  
LLNR 26315.5 – Kasilof Entrance Channel B 7  
LLNR 26315.6 – Kasilof Entrance Channel B 8  
LLNR 26315.65 – Kasilof Entrance Channel B 9  
LLNR 26315.7 – Kasilof Entrance Channel B 10  
LLNR 26315.8 – Kasilof Entrance Channel B 11

These aids will be commissioned by May 1st, 2023 for the 2023 season. 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: 48/22

### 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](mailto:rainydawnfarms@gmail.com).

LNM: 42/22

338

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

The State of Alaska is issuing routine updates on the Barry Arm Landslide Tsunami risk. This threat is located in Barry Arm, Northwestern Prince William Sound, and has the potential to create a tsunami when it falls into the water. It is uncertain if and when this might occur, but if it occurs localized wave heights will be very hazardous in Barry Arm and Harriman Fjord. Port Wells and Passage Canal will also see inundation and strong, unusual currents for hours following this event. The geologic makeup of the area is similar to Alaskan locations where two previous landslide caused tsunamis occurred, in Lituya Bay (1958) and Icy Bay (2015), both causing extremely large but localized tsunamis. Mariners should maintain vigilance when in the vicinity of Barry Arm or nearby waters and be prepared to depart the area if any unusual geologic activity is observed. Studies are being conducted and the situation is being monitored to allow for a better understanding of the potential results of a slide.

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

LNM: 40/22

341

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

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

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

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

<https://www.nauticalcharts.noaa.gov/charts/farwell-to-traditional-nautical-charts.html>.

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

LNM: 09/21

342

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

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

LNM: 39/22

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](mailto: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'N, 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](mailto: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](mailto: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 – SOUTHCENTRAL – 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](mailto: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](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](mailto: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](mailto: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](mailto:todd.r.buck@uscg.mil).

LNM: 50/21

514

**ALASKA – SOUTHCENTRAL – KODIAK ISLAND**

A Waverider buoy approximately 29 nautical miles southeast of the City of Kodiak, Alaska in position 57° 28.8' N, 151° 42.0' W, has been decommissioned. The mooring remains on site and is marked with a cluster of unlit white floats. The mooring will be removed as operations permit. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to [todd.r.buck@uscg.mil](mailto: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](mailto: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](mailto: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**  
OBSTRUCTION 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-\(DSC\)](http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-(DSC)) or by contacting Mike Folkerts with the Coast Guard District 17 Boating Safety Office at (907) 463-2297 or by email to Michael.r.folkerts@uscg.mil.

LNM: 15/15

#### **ALASKA – SOUTHCENTRAL**

984 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-\(DSC\)](http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-(DSC)) or by contacting Mike Folkerts with the Coast Guard District 17 Boating Safety Office at (907) 463-2297 or by email to Michael.r.folkerts@uscg.mil.

LNM: 15/15

#### **ALASKA – ALEUTIAN ISLANDS – ADAK – SWEEPER COVE**

The East side of the Pier 5 Dock located in Sweeper Cove is closed to moorage without prior approval from the Adak Harbormaster due to loose and missing pilings. Questions/concerns should be directed to Jim Fleming at (907) 277-7527 or the Port of Adak office at (907) 592-0185. The Adak harbormaster can also be contacted on VHF/FM channel 16.

LNM: 20/13

#### **ALASKA – SUBSURFACE AND SURFACE BUOYS**

Locations of all subsurface and surface oceanographic moorings that have been reported to the U.S. Coast Guard District 17 Waterways Branch are included in an enclosure to the Local Notice to Mariners. The name, type, location, depth, water depth, and a Point of Contact for all data buoys, surface and subsurface, shall be reported as quickly as is practical if they are placed within the navigable waters (within 200 nm) of the United States. Data buoys placed in the Arctic region but outside of 200 nm of the United States may be reported and will be included in this compilation (for informational purposes only). This notification process is for inclusion in the Local Notice to Mariners to provide navigational information to mariners and does not supersede any permission or permitting requirements. Any notifications, corrections, additions, deletions, or comments for the Alaska region (Coast Guard District 17) or the Arctic region should be 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

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## **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.

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#### **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 |
|------|----------|--------|-----------|----------|--------|---------|
|------|----------|--------|-----------|----------|--------|---------|

**None**

#### 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            |               |                             |                               |                            |                      |                                  |
| Corrective Action                                  | Green can     | 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 48/22**

*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 48/22**

*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 48/22**

*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 48/22**

*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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | --           | -- |
| <b>16305</b>   | <b>11th Ed.</b>  | <b>01-DEC-14</b> | <b>Last LNM: 52/14</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Bristol Bay-Cape Newenham and Hagemeister Strait</i>        |  |                  |                        |               |              |    |
| <b>Main Panel 2858 CAPE NEWENHAM AND HAGEMEISTER STRAIT. Page/Side: A</b>  |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16315</b>   | <b>11th Ed.</b>  | <b>01-MAR-15</b> | <b>Last LNM: 12/15</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Bristol Bay-Togiak Bay and Walrus Islands</i>               |  |                  |                        |               |              |    |
| <b>Main Panel 2859 TOGIAK BAY AND WALRUS ISLANDS. Page/Side: A</b>         |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16338</b>   | <b>5th Ed.</b>   | <b>01-MAR-15</b> | <b>Last LNM: 12/15</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Bristol Bay-Ugashik Bay to Egegik Bay</i>                   |  |                  |                        |               |              |    |
| <b>Main Panel 2860 BRISTOL BAY UGASHIK BAY TO EGEGIK BAY. Page/Side: A</b> |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16570</b>   | <b>12th Ed.</b>  | <b>01-FEB-15</b> | <b>Last LNM: 09/15</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Portage and Wide Bays, Alaska Pen.</i>                      |  |                  |                        |               |              |    |
| <b>Main Panel 2545 PORTAGE AND WIDE BAYS. Page/Side: A</b>                 |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16575</b>   | <b>3rd Ed.</b>   | <b>01-APR-15</b> | <b>Last LNM: 15/15</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Dakavak Bay to Cape Unalishagvak; Alinchak Bay</i>          |  |                  |                        |               |              |    |
| <b>Main Panel 2867 DAKAVAK BAY TO CAPE UNALISHAGVAK. Page/Side: A</b>      |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16576</b>   | <b>5th Ed.</b>   | <b>01-APR-15</b> | <b>Last LNM: 32/19</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Shelikof Strait-Cape Nukshak to Dakavak Bay</i>             |  |                  |                        |               |              |    |
| <b>Main Panel 2871 CAPE NUKSHAK TO DAKAVAK BAY. Page/Side: A</b>           |  |                  |                        |               |              |    |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |                  |                        |               | NOS          | -- |
| <b>16587</b>   | <b>3rd Ed.</b>   | <b>01-AUG-14</b> | <b>Last LNM: 09/20</b> | <b>NAD 83</b> | <b>48/22</b> |    |
| <i>ChartTitle: Semidi Islands and Vicinity</i>                             |  |                  |                        |               |              |    |
| <b>Main Panel 2541 SEMIDI ISLANDS AND VICINITY. Page/Side: A</b>           |  |                  |                        |               |              |    |
| LAST EDITION   | No new editions of chart 16587 will be published. It will be canceled on   |                  |                        |               | NOS          | -- |

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 | 48/22 |
| <i>ChartTitle: Kodiak Island Sitkinak Strait and Alitak Bay</i>   |          |           |                 |        |       |
| <b>Main Panel 2548 SITKINAK STRAIT AND ALITAK BAY. Page/Side: A</b>   |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16591   | 10th Ed. | 01-JUL-14 | Last LNM: 30/17 | NAD 83 | 48/22 |
| <i>ChartTitle: Alitak Bay-Cape Alitak to Moser Bay</i>  |          |           |                 |        |       |
| <b>Main Panel 2549 PART OF ALITAK BAY CAPE ALITAK TO MOSER BAY. Page/Side: A</b>  |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16592   | 11th Ed. | 01-JUL-14 | Last LNM: 18/17 | NAD 83 | 48/22 |
| <i>ChartTitle: Kodiak Island Gull Point to Kaguyak Bay;Sitkalidak Passage</i>   |          |           |                 |        |       |
| <b>Main Panel 2550 GULL POINT TO KAGUYAK BAY. Page/Side: A</b>  |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16597   | 10th Ed. | 01-APR-15 | Last LNM: 32/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Uganik and Uyak Bays</i>   |          |           |                 |        |       |
| <b>Main Panel 2559 UGANIK AND UYAK BAYS. Page/Side: A</b>   |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16598   | 11th Ed. | 01-APR-15 | Last LNM: 04/17 | NAD 83 | 48/22 |
| <i>ChartTitle: Cape Ikolik to Cape Kuliuk</i>   |          |           |                 |        |       |
| <b>Main Panel 2560 CAPE IKOLIK TO CAPE KULIUK. Page/Side: A</b>   |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16599   | 8th Ed.  | 01-FEB-15 | Last LNM: 04/17 | NAD 83 | 48/22 |
| <i>ChartTitle: Bays and Anchorages, Kodiak Island Karluk Anchorage;Larsen Bay;Uyak Anchorage</i>  |          |           |                 |        |       |
| <b>Main Panel 2561 KODIAK ISL BAYS AND ANCHORAGES LARSEN BAY. Page/Side: A</b>  |          |           |                 |        |       |
|   |          |           | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 16603   | 9th Ed.  | 01-MAR-15 | Last LNM: 11/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Kukak Bay, Alaska Peninsula</i>  |          |           |                 |        |       |
| <b>Main Panel 2565 KUKAK BAY. Page/Side: A</b>  |          |           |                 |        |       |
|   |          |           | 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 | 48/22 |
| <i>ChartTitle: Shuyak and Afagnak Islands and adjacent waters</i>                   |  |           |                 |        |       |
| <b>Main Panel 2566 SHUYAK &amp; AFOGNAK ISL &amp; ADJACENT WATERS. Page/Side: A</b> |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16605   | 10th Ed.   | 01-JUN-14 | Last LNM: 23/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Shuyak Strait and Bluefox Bay</i>                                    |  |           |                 |        |       |
| <b>Main Panel 2567 SHUYAK STRAIT AND BLUEFOX BAY. Page/Side: A</b>                  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16606   | 12th Ed.   | 01-FEB-15 | Last LNM: 16/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Barren Islands</i>   |  |           |                 |        |       |
| <b>Main Panel 2568 BARREN ISLANDS . Page/Side: A</b>                                |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16608   | 5th Ed.  | 01-MAR-15 | Last LNM: 13/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Shelikof Strait-Cape Douglas to Cape Nukshak</i>                     |  |           |                 |        |       |
| <b>Main Panel 2569 CAPE DOUGLAS TO CAPE NUKSHAK. Page/Side: A</b>                   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16648   | 6th Ed.  | 01-APR-15 | Last LNM: 17/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Kamishak Bay;Iliamna Bay</i>   |  |           |                 |        |       |
| <b>Main Panel 2577 KAMISHAK BAY COOK INLET. Page/Side: A</b>                        |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16681   | 11th Ed.   | 01-APR-15 | Last LNM: 16/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Seal Rocks to Gore Point</i>   |  |           |                 |        |       |
| <b>Main Panel 2593 SEAL ROCKS TO GORE POINT. Page/Side: A</b>                       |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16683   | 12th Ed.   | 01-JAN-11 | Last LNM: 39/17 | NAD 83 | 48/22 |
| <i>ChartTitle: Point Elrington to Cape Resurrection</i>                             |  |           |                 |        |       |
| <b>Main Panel 2596 POINT ELRINGTON TO CAPE RESURRECTION. Page/Side: N/A</b>         |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |

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

|   |  |           |                 |        |       |
|---|--|-----------|-----------------|--------|-------|
| 16701   | 23rd Ed.   | 01-APR-15 | Last LNM: 43/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Prince William Sound-western entrance</i>                      |  |           |                 |        |       |
| <b>Main Panel 2598 PRINCE WILLIAM SOUND WESTERN ENTRANCE. Page/Side: A</b>    |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16702   | 14th Ed.   | 01-OCT-09 | Last LNM: 43/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Latouche Passage to Whale Bay</i>                              |  |           |                 |        |       |
| <b>Main Panel 2599 LATOUCHE PASSAGE TO WHALE BAY. Page/Side: N/A</b>          |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16704   | 14th Ed.   | 01-FEB-15 | Last LNM: 09/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Drier Bay, Prince William Sound</i>                            |  |           |                 |        |       |
| <b>Main Panel 2600 DRIER BAY. Page/Side: A</b>                                |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16706   | 11th Ed.   | 01-MAR-15 | Last LNM: 11/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Passage Canal incl. Port of Whittier;Port of Whittier</i>      |  |           |                 |        |       |
| <b>Main Panel 2602 PASSAGE CANAL INCLUDING PORT OF WHITTIER. Page/Side: A</b> |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16711   | 3rd Ed.  | 01-MAR-15 | Last LNM: 11/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Port Wells, including College Fiord and Harriman Fiord</i>     |  |           |                 |        |       |
| <b>Main Panel 2977 PORT WELLS COLLEGE FIORD. Page/Side: A</b>                 |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16713   | 4th Ed.  | 01-JUL-10 | Last LNM: 24/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Naked Island to Columbia Bay</i>                               |  |           |                 |        |       |
| <b>Main Panel 2961 NAKED ISLAND TO COLUMBIA BAY. Page/Side: N/A</b>           |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16723   | 16th Ed.   | 01-SEP-14 | Last LNM: 43/20 | NAD 83 | 48/22 |
| <i>ChartTitle: Controller Bay</i>   |  |           |                 |        |       |
| <b>Main Panel 2611 CONTROLLER BAY. Page/Side: A</b>                           |  |           |                 |        |       |
| 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   | NOS       | --              | --     | --    |

|   |  |           |                 |        |       |
|---|--|-----------|-----------------|--------|-------|
| 16741   | 12th Ed.   | 01-SEP-12 | Last LNM: 38/12 | NAD 83 | 48/22 |
| <i>ChartTitle: Icy Bay</i>  |  |           |                 |        |       |
| <b>Main Panel 2612 ICY BAY. Page/Side: N/A</b>                                      |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16761   | 17th Ed.   | 01-APR-15 | Last LNM: 17/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Yakutat Bay;Yakutat Harbor</i>                                       |  |           |                 |        |       |
| <b>Main Panel 2614 YAKUTAT BAY. Page/Side: A</b>                                    |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 16762   | 10th Ed.   | 01-JUN-14 | Last LNM: 23/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Lituya Bay;Lituya Bay Entrance</i>                                   |  |           |                 |        |       |
| <b>Main Panel 2616 LITUYA BAY. Page/Side: A</b>                                     |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17301   | 9th Ed.  | 01-NOV-14 | Last LNM: 53/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Cape Spencer to Icy Point</i>  |  |           |                 |        |       |
| <b>Main Panel 2620 CAPE SPENCER TO ICY POINT. Page/Side: A</b>                      |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17302   | 19th Ed.   | 01-MAY-15 | Last LNM: 40/20 | NAD 83 | 48/22 |
| <i>ChartTitle: Icy Strait and Cross Sound;Inian Cove;Elfin Cove</i>                 |  |           |                 |        |       |
| <b>Main Panel 2621 ICY STRAIT AND CROSS SOUND. Page/Side: A</b>                     |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17303   | 11th Ed.   | 01-MAY-14 | Last LNM: 30/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Yakobi Island and Lisianski Inlet;Pelican Harbor</i>                 |  |           |                 |        |       |
| <b>Main Panel 2624 YAKOBI ISLAND AND LISIANSKI INLET. Page/Side: N/A</b>            |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17311   | 2nd Ed.  | 01-FEB-12 | Last LNM: 39/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Holkham Bay And Tracy Arm - Stephens Passage</i>                     |  |           |                 |        |       |
| <b>Main Panel 2940 HOLKHAM BAY AND TRACY ARM - STEPHENS PASSAGE. Page/Side: N/A</b> |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |

|   |  |           |                 |        |       |
|---|--|-----------|-----------------|--------|-------|
| 17312   | 3rd Ed.  | 01-OCT-12 | Last LNM: 24/20 | NAD 83 | 48/22 |
| <i>ChartTitle: Hawk Inlet, Chatham Strait</i>   |  |           |                 |        |       |
| <b>Main Panel 2986 HAWK INLET, CHATHAM STRAIT. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17313   | 9th Ed.  | 01-MAY-09 | Last LNM: 26/09 | NAD 83 | 48/22 |
| <i>ChartTitle: Port Snettisham</i>  |  |           |                 |        |       |
| <b>Main Panel 2627 PORT SNETTISHAM. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17314   | 13th Ed.   | 01-NOV-14 | Last LNM: 46/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Slocum and Limestone Inlets and Taku Harbor</i>  |  |           |                 |        |       |
| <b>Main Panel 2628 SLOCUM AND LIMESTONE INLETS AND TAKU HARBOR. Page/Side: A</b>                                      |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17317   | 21st Ed.   | 01-MAY-15 | Last LNM: 22/20 | NAD 83 | 48/22 |
| <i>ChartTitle: Lynn Canal-Point Sherman to Skagway;Lutak Inlet;Skagway and Nahku Bay;Portage Cove, Chilkoot Inlet</i> |  |           |                 |        |       |
| <b>Main Panel 2634 LYNN CANAL POINT SHERMAN TO SKAGWAY. Page/Side: A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17318   | 8th Ed.  | 01-NOV-12 | Last LNM: 29/21 | NAD 83 | 48/22 |
| <i>ChartTitle: Glacier Bay;Bartlett Cove</i>  |  |           |                 |        |       |
| <b>Main Panel 2638 GLACIER BAY. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17321   | 10th Ed.   | 01-MAY-14 | Last LNM: 30/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Cape Edward to Lisianski Strait, Chichagof Island</i>  |  |           |                 |        |       |
| <b>Main Panel 2645 CAPE EDWARD TO LISIANSKI STRAIT. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17322   | 11th Ed.   | 01-MAY-14 | Last LNM: 12/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Khaz Bay, Chichagof Island Elbow Passage</i>   |  |           |                 |        |       |
| <b>Main Panel 2646 WEST COAST OF CHICHAGOF ISLAND KHAZ BAY. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17325   | 10th Ed.   | 01-MAR-15 | Last LNM: 12/15 | NAD 83 | 48/22 |
| <i>ChartTitle: South and West Coasts of Kruzof Island</i>   |  |           |                 |        |       |

**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>.

48/22

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

*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>.

48/22

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

*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>.

48/22

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

*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>.

48/22

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

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

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

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>.

48/22

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

*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>.

48/22

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

*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>.

48/22

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

*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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | --        | --              | --     | --    |
| 17338   | 15th Ed.   | 01-MAR-12 | Last LNM: 11/12 | NAD 83 | 48/22 |
| <i>ChartTitle: Peril Str.-Hoonah Snd. to Chatham Str.</i>                           |  |           |                 |        |       |
|   | <b>Main Panel 2675 PERIL STRAIT HOONAH SND-CHATHAM STRAIT. Page/Side: N/A</b>  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17339   | 13th Ed.   | 01-APR-12 | Last LNM: 38/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Hood Bay and Kootznahoo Inlet</i>                                    |  |           |                 |        |       |
|   | <b>Main Panel 2676 HOOD BAY AND KOOTZNAHOO INLET. Page/Side: N/A</b>   |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17341   | 10th Ed.   | 01-APR-12 | Last LNM: 24/12 | NAD 83 | 48/22 |
| <i>ChartTitle: Whitewater Bay and Chaik Bay, Chatham Strait</i>                     |  |           |                 |        |       |
|   | <b>Main Panel 2678 WHITEWATER BAY AND CHAIK BAY. Page/Side: N/A</b>  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17362   | 11th Ed.   | 01-NOV-14 | Last LNM: 46/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Gambier Bay, Stephens Passage</i>                                    |  |           |                 |        |       |
|   | <b>Main Panel 2681 GAMBIER BAY. Page/Side: A</b>   |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17363   | 14th Ed.   | 01-MAY-14 | Last LNM: 09/22 | NAD 83 | 48/22 |
| <i>ChartTitle: Pybus Bay, Frederick Sound; Hobart and Windham Bays, Stephens P.</i> |  |           |                 |        |       |
|   | <b>Unrelated 2682 PYBUS BAY FREDERICK SOUND. Page/Side: N/A</b>  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17365   | 13th Ed.   | 01-JUN-14 | Last LNM: 25/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Woewodski and Eliza Hbrs.; Fanshaw Bay and Cleveland Passage</i>     |  |           |                 |        |       |
|   | <b>Unrelated 2684 WOEWODSKI AND ELIZA HARBORS. Page/Side: A</b>  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17367   | 12th Ed.   | 01-AUG-14 | Last LNM: 32/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Thomas, Farragut, and Portage Bays, Frederick Sound</i>              |  |           |                 |        |       |
|   | <b>Main Panel 2686 THOMAS FARRAGUT AND PORTAGE BAYS. Page/Side: A</b>  |           |                 |        |       |
| LAST EDITION  | No new editions of chart 17367 will be published. It will be canceled on   | NOS       | --              | --     | --    |

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>.

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|---|----------|-----------|-----------------|--------|-------|
| 17368   | 8th Ed.  | 01-SEP-14 | Last LNM: 09/22 | NAD 83 | 48/22 |
| <i>ChartTitle: Keku Strait-northern part, including Saginaw and Security Bays and Port Camden;Kake Inset</i>  |          |           |                 |        |       |
| <b>Main Panel 2687 KEKU STRAIT NORTHERN PART. Page/Side: A</b>  |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17370   | 12th Ed. | 01-APR-15 | Last LNM: 15/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Bay of Pillars and Rowan Bay, Chatham Strait;Washington Bay, Chatham Strait</i>  |          |           |                 |        |       |
| <b>Main Panel 2692 BAY OF PILLARS ROWAN AND WASHINGTON BAYS. Page/Side: A</b>   |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17372   | 12th Ed. | 01-DEC-11 | Last LNM: 50/09 | NAD 83 | 48/22 |
| <i>ChartTitle: Keku Strait-Monte Carlo Island to Entrance Island;The Summit;Devils Elbow</i>  |          |           |                 |        |       |
| <b>Main Panel 2694 CONTINUATION OF KEKU STRAIT. Page/Side: N/A</b>  |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17375   | 22nd Ed. | 01-DEC-09 | Last LNM: 31/22 | NAD 83 | 48/22 |
| <i>ChartTitle: Wrangell Narrows;Petersburg Harbor</i>   |          |           |                 |        |       |
| <b>Main Panel 2698 CONTINUATION OF WRANGELL NARROWS. Page/Side: N/A</b>   |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17376   | 9th Ed.  | 01-OCT-12 | Last LNM: 43/12 | NAD 83 | 48/22 |
| <i>ChartTitle: Tebenkof Bay and Port Malmesbury</i>   |          |           |                 |        |       |
| <b>Main Panel 2701 TEBENKOF BAY AND PORT MALMESBURY. Page/Side: N/A</b>   |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17377   | 2nd Ed.  | 01-MAY-14 | Last LNM: 18/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Le Conte Bay</i>   |          |           |                 |        |       |
| <b>Main Panel 2936 ALASKA FREDERICK SOUND AND LECONTE BAY. Page/Side: 1</b>   |          |           |                 |        |       |
|   |          |           |                 | 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . |          |           |                 |        |       |
| 17378   | 15th Ed. | 01-MAY-14 | Last LNM: 19/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Port Protection, Prince of Wales Island</i>  |          |           |                 |        |       |
| <b>Main Panel 2702 PRINCE OF WALES ISLAND PORT PROTECTION. Page/Side: N/A</b>   |          |           |                 |        |       |
|   |          |           |                 | 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>.

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|--|--|-----------|-----------------|--------|-------|
| 17379  | 2nd Ed.  | 01-MAY-14 | Last LNM: 17/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Shakan Bay And Strait, Alaska</i>   |  |           |                 |        |       |
| <b>Main Panel 2999 SHAKEN BAY AND STRAIT; ALASKA. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17381  | 11th Ed.   | 01-MAR-15 | Last LNM: 10/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Red Bay, Prince of Wales Island</i>   |  |           |                 |        |       |
| <b>Main Panel 2703 RED BAY PRINCE OF WALES ISLAND. Page/Side: A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17383  | 4th Ed.  | 01-MAR-15 | Last LNM: 21/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Snow Passage, Alaska</i>  |  |           |                 |        |       |
| <b>Main Panel 2962 SNOW PASSAGE; ALASKA. Page/Side: A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17386  | 5th Ed.  | 01-SEP-12 | Last LNM: 36/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Sumner Strait-Southern part</i>   |  |           |                 |        |       |
| <b>Main Panel 2711 SUMNER STRAIT SOUTHERN PART. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17387  | 14th Ed.   | 01-JUN-14 | Last LNM: 23/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Shakan and Shipley Bays and Part of El Capitan Passage; El Capitan Passage, Dry Pass to Shakan Strait</i> |  |           |                 |        |       |
| <b>Main Panel 2713 SHAKAN AND SHIPLEY BAYS AND PART OF EL CAPITAN PASSAGE. Page/Side: A</b>                              |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17401  | 13th Ed.   | 01-MAR-15 | Last LNM: 12/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Lake Bay and approaches, Clarence Str.</i>  |  |           |                 |        |       |
| <b>Main Panel 2716 LAKE BAY AND APPROACHES CLARENCE STRAIT. Page/Side: A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17402  | 12th Ed.   | 01-DEC-10 | Last LNM: 36/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Southern Entrances to Sumner Strait</i>   |  |           |                 |        |       |
| <b>Main Panel 2717 SOUTHERN ENTRANCES TO SUMNER STRAIT. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |

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

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|---|--|-----------|-----------------|--------|-------|
| 17403   | 15th Ed.   | 01-MAY-14 | Last LNM: 17/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Davidson Inlet and Sea Otter Sound;Edna Bay</i>  |  |           |                 |        |       |
| <b>Main Panel 2718 DAVIDSON INLET AND SEA OTTER SOUND. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17404   | 15th Ed.   | 01-OCT-13 | Last LNM: 19/16 | NAD 83 | 48/22 |
| <i>ChartTitle: San Christoval Channel to Cape Lynch</i>   |  |           |                 |        |       |
| <b>Main Panel 2720 SAN CHRISTOVAL CHANNEL TO CAPE LYNCH. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17405   | 17th Ed.   | 01-OCT-13 | Last LNM: 46/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Ulloa Channel to San Christoval Channel;North Entrance, Big Salt Lake;Shelter Cove, Craig</i>  |  |           |                 |        |       |
| <b>Main Panel 2721 ULLOA CHANNEL TO SAN CHRISTOVAL CHANNEL. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17406   | 8th Ed.  | 01-OCT-13 | Last LNM: 45/13 | NAD 83 | 48/22 |
| <i>ChartTitle: Baker, Noyes, and Lululands and adjacent waters</i>  |  |           |                 |        |       |
| <b>Main Panel 2725 BAKER NOYES AND LULU ISLANDS AND ADJACENT WATERS. Page/Side: N/A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17407   | 16th Ed.   | 01-DEC-14 | Last LNM: 44/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Northern part of Tlevak Strait and Ulloa Channel</i>   |  |           |                 |        |       |
| <b>Main Panel 2726 NORTHERN PART OF TLEVAK STRAIT AND ULLOA CHANNEL. Page/Side: A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17422   | 10th Ed.   | 01-MAR-15 | Last LNM: 32/18 | NAD 83 | 48/22 |
| <i>ChartTitle: Behm Canal-western part;Yes Bay</i>  |  |           |                 |        |       |
| <b>Main Panel 2730 WESTERN PART OF BEHM CANAL. Page/Side: A</b>   |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |
| 17423   | 15th Ed.   | 01-SEP-13 | Last LNM: 19/14 | NAD 83 | 48/22 |
| <i>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</i> |  |           |                 |        |       |
| <b>Unrelated 2732 RATZ HARBOR PRINCE OF WALES ISLAND. Page/Side: N/A</b>  |  |           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS       | --              | --     | --    |

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

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|---|--|---------------------------|-----------------|--------|-------|
| 17424   | 9th Ed.  | 01-OCT-09                 | Last LNM: 17/14 | NAD 83 | 48/22 |
| <i>ChartTitle: Behm Canal-eastern part</i>  |  |                           |                 |        |       |
| <b>Main Panel 2737 EASTERN PART OF BEHM CANAL. Page/Side: N/A</b>                             |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17425   | 7th Ed.  | 01-MAY-15                 | Last LNM: 21/15 | NAD 83 | 48/22 |
| <i>ChartTitle: Portland Canal-North of Hattie Island</i>                                      |  |                           |                 |        |       |
| <b>Main Panel 2738 PORTLAND CANAL NORTH OF HATTIE ISLAND. Page/Side: A</b>                    |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17426   | 16th Ed.   | 01-JUN-14                 | Last LNM: 23/16 | NAD 83 | 48/22 |
| <i>ChartTitle: Kasaan Bay, Clarence Strait;Hollis Anchorage, eastern part;Lyman Anchorage</i> |  |                           |                 |        |       |
| <b>Main Panel 2739 KASAAN BAY PRINCE OF WALES ISLAND. Page/Side: A</b>                        |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17427   | 8th Ed.  | 01-MAY-15                 | Last LNM: 07/22 | NAD 83 | 48/22 |
| <i>ChartTitle: Portland Canal - Dixon Entrance to Hattie I.</i>                               |  |                           |                 |        |       |
| <b>Main Panel 2742 PORTLAND CANAL DIXON ENTRANCE TO HATTIE ISLAND. Page/Side: A</b>           |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17431   | 12th Ed.   | 01-DEC-14                 | Last LNM: 34/20 | NAD 83 | 48/22 |
| <i>ChartTitle: N. end of Cordova Bay and Hetta Inlet</i>                                      |  |                           |                 |        |       |
| <b>Main Panel 2749 NORTH END OF CORDOVA BAY AND HETTA INLET. Page/Side: A</b>                 |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17432   | 8th Ed.  | 01-MAR-15                 | Last LNM: 06/18 | NAD 83 | 48/22 |
| <i>ChartTitle: Clarence Strait and Moira Sound</i>  |  |                           |                 |        |       |
| <b>Main Panel 2751 CLARENCE STRAIT AND MOIRA SOUND. Page/Side: A</b>                          |  |                           |                 |        |       |
| 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 <a href="https://www.charts.noaa.gov/MCD/Dole.shtml">https://www.charts.noaa.gov/MCD/Dole.shtml</a> . | NOS                       | --              | --     | --    |
| 17434   | 14th Ed.   | 01-OCT-13                 | Last LNM: 51/19 | NAD 83 | 48/22 |
| <i>ChartTitle: Revillagigedo Channel;Ryus Bay;Foggy Bay</i>                                   |  |                           |                 |        |       |
| <b>CHART REVILLAGIGEDO CHANNEL, RYUS BAY, DUKE ISLAND, FOGGY BAY. Page/Side: N/A</b>          |  |                           |                 |        |       |
| ADD   | Scrub Island Lighted Buoy 7<br>Green Chart No. 1:Q7, G "7"<br>Fl G 2.5s  | CGD17<br>at 55-08-32.464N | 131-33-55.222W  |        |       |

**Main Panel 2753 REVILLAGIGEDO CHANNEL. Page/Side: N/A**

DELETE Scrub Island LT "7"

CGD17

55-08-31.606N

131-33-57.348W

**17435****17th Ed.****01-MAY-14****Last LNM: 15/17****NAD 83****48/22****ChartTitle: Harbors in Clarence Strait Port Chester, Annette Island; Tamgas Harbor, Annette Island; Metlakatla Harbor****Inset 2757 METLAKATLA HARBOR. Page/Side: N/A**ADD Scrub Island Lighted Buoy 7  
Green Chart No. 1:Q7, G "7"  
Fl G 2.5s

CGD17

at 55-08-32.464N

131-33-55.222W

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

DELETE Scrub Island LT "7"

CGD17

55-08-31.606N

131-33-57.348W

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****48/22****ChartTitle: Clarence Strait, Cholmondeley Sound and Skowl Arm****Main Panel 2758 CHOLMONDELEY SOUND & SKOWL ARM. Page/Side: A**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>.

NOS

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**17437****11th Ed.****01-AUG-17****Last LNM: 07/22****NAD 83****48/22****ChartTitle: Portland Inlet to Nakat Bay****Main Panel 2761 PORTLAND INLET TO NAKAT BAY - -. Page/Side: -**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>.

NOS

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**OIL RIG MOVEMENT**

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**Drill Rigs/Vessels Removed**

| <u>Latitude</u> | <u>Longitude</u> | <u>Block</u> | <u>Rigs/Vessel</u> | <u>Chart</u> | <u>Type</u> | <u>Status</u> |
|-----------------|------------------|--------------|--------------------|--------------|-------------|---------------|
| <b>None</b>     |                  |              |                    |              |             |               |

**Drill Rigs/Vessels Established**

| <u>Latitude</u> | <u>Longitude</u> | <u>Block</u> | <u>Rigs/Vessel</u> | <u>Chart</u> | <u>Type</u> | <u>Status</u> |
|-----------------|------------------|--------------|--------------------|--------------|-------------|---------------|
| <b>None</b>     |                  |              |                    |              |             |               |

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**SECTION V - ADVANCE NOTICES**

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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.

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**SUMMARY OF ADVANCED APPROVED PROJECTS**

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**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](mailto:todd.r.buck@uscg.mil).

LNM: 38/20

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## 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).

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### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

#### Proposed Project(s)

**None**

#### Proposed Change Notice(s)

##### **ALASKA – WESTERN – NORTON SOUND – GOLOVIN BAY**

The Coast Guard is proposing adding navigational aids within Golovin Bay. These aids may include Lights, Daybeacons, or buoys. Mariners are requested to provide recommendations on locations that would facilitate safe navigation within Golovin Bay. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to [todd.r.buck@uscg.mil](mailto:todd.r.buck@uscg.mil).

LNM: 26/18

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## SECTION VII - GENERAL

This section contains information of general concern to the Mariners. Mariners are advised to use caution while transiting these areas.

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**None**

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## SECTION VIII - LIGHT LIST CORRECTIONS

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

| (1)<br>No. | (2)<br>Name and Location               | (3)<br>Position                 | (4)<br>Characteristic | (5)<br>Height | (6)<br>Range | (7)<br>Structure | (8)<br>Remarks          |       |
|------------|--|---------------------------------|-----------------------|---------------|--------------|------------------|-------------------------|-------|
| 22105      | SCRUB ISLAND LIGHT 7                   |                                 |                       |               |              |                  | Remove from list. 48/22 |       |
| 22105      | <i>Scrub Island Lighted<br/>Buoy 7</i> | 55-08-32.464N<br>131-33-55.222W | Fl G 2.5s             |               |              | Green Can.       | *                       | 48/22 |
| *          | *                                      | *                               | *                     | *             | *            | *                | *                       |       |

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## PUBLICATION CORRECTIONS

**None**

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## ENCLOSURES

### **ALASKA**

[4822\\_AMSEA.pdf](#)  
AMSEA Maritime Training

LNM: 48/22

### **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 - SOUTHCENTRAL - COOK INLET**

[4422\\_Ice\\_Guidelines\\_Implementation.pdf](#)  
Navigation Advisory Ice Guidelines Implementation

LNM: 44/22

### **ALASKA**

[4822\\_Subsurface\\_Buoys.pdf](#)  
Compilation of Subsurface and Surface oceanography moorings properly reported to U.S. Coast Guard District 17.

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



## Alaska Marine Safety Education Association

2924 Halibut Point Road, Sitka, Alaska 99835-9668  
phone 907-747-3287 / fax 907-747-3259 / [www.amsea.org](http://www.amsea.org)

### For Immediate Release

Date Issued: November 29, 2022

Kill Date: December 9, 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](http://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)

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

- 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    |

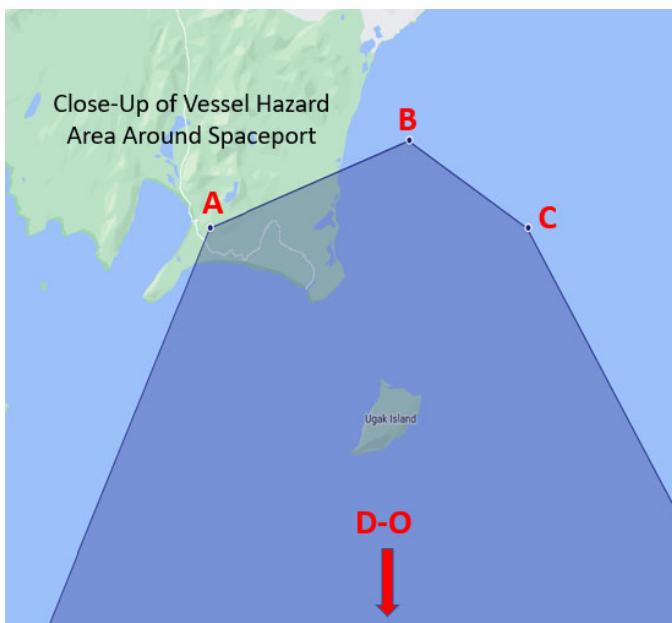


Pacific Spaceport Complex Alaska (PSCA) will be conducting a launch designated P139 from Launch Pad LP-3C at Narrow Cape, Kodiak, Alaska, with a launch azimuth of 176°. Daily launch operations are scheduled between 2200-0130 UTC December 7<sup>th</sup> through December 15<sup>th</sup>, 2022 (UTC). In local time 1300-1630 AKST December 7<sup>th</sup> through December 14<sup>th</sup>, 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](mailto:shannon.edwards@akaerospace.com) or the PSCA Ground Safety Officer, Paul Pena, at (907) 743-3525, or by email to [opena.ctr@akaerospace.com](mailto:opena.ctr@akaerospace.com).

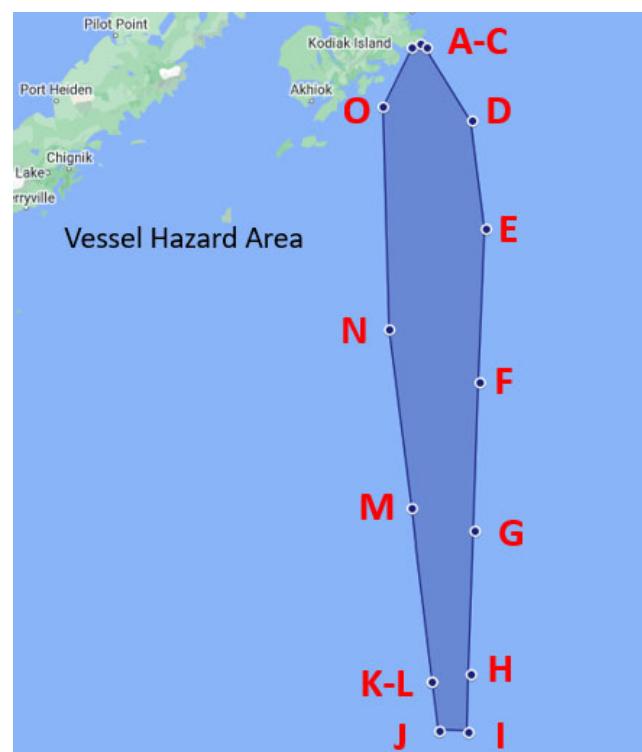
Total Hazard Area (Degrees Decimal Minutes):

|          |              |             |
|----------|--------------|-------------|
| 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:





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](mailto: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](mailto: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](mailto: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 | <input type="checkbox"/> Built to Ice Class* <input type="checkbox"/> Polar Ship Certification* <input type="checkbox"/> First Time to Cook Inlet<br><i>*Please reply with relevant documentation attesting to the vessel's certification/classification</i> |                     |  |

|  |                              |                             |                              |
|--|------------------------------|-----------------------------|------------------------------|
| Verify fire and foam pumps, along with associated piping, are prepared for cold weather operations.                                | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify all lifeboat/liferaft releasing gears are free and clear of ice accumulation.   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify the pilot ladder is free and clear of ice accumulation immediately prior to use.  | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify anchors are free and clear of ice accumulation and ready for immediate use.   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify emergency exit doors are free and clear of ice accumulation.  | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Has the vessel received and reviewed a copy of the current Operating Guidelines for Ice Conditions in Cook Inlet prior to arrival? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Has the vessel received and reviewed the current ice conditions and appropriate weather forecasts for Cook Inlet prior to arrival? | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Has steering gear test required by 33CFR164.25(a)(1) been conducted with satisfactory results?                                     | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Does the vessel have steam or a re-circulation system running to all sea chests?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Is the vessel free of any conditions of class?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify the emergency generator is ready for cold weather operations.   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify all radar antennae are free and clear of ice accumulation and ready for use in freezing conditions.                         | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify the emergency tow system is ready for operation in freezing conditions.   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify mooring winches are free and clear of ice accumulation, ready for immediate use.  | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify all sea strainers are free and clear of debris.   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify the vessel is free of deck ice accumulation that may affect stability and/or access and egress on the weather deck.         | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Verify on deck containments are free and clear of ice accumulation and can still hold the designed capacity.                       | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Do all personnel have adequate winter protective clothing?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Does the bridge or wheelhouse have adequate heating?   | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> N/A |
| Do living quarters have adequate heating?  | <input type="checkbox"/> Yes | <input type="checkbox"/> No | <input type="checkbox"/> 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](mailto:Sector.Anchorage@uscg.mil) or (907) 428-4114 (fax). For any questions, contact the Duty Arrivals Petty Officer at (907) 223-9434.

## Ice Guidelines Exam Form

|  |   |   |   |
|--|---|---|---|
| <b>Date:</b>                             |   |   |   |
| <b>Coast Guard<br/>Vessel Examiners:</b> |   |   |   |
| <b>Vessel Name:</b>                      |   |   |   |
| <b>Destination or<br/>Port of Call:</b>  |   |   |   |
| <b>Ice Condition in<br/>Effect:</b>      | <input type="checkbox"/> Upper Cook Inlet | <input type="checkbox"/> Lower Cook Inlet A | <input type="checkbox"/> Lower Cook Inlet B |
| <b>Draft Reading:</b>                    | <b>Forward:</b>                           | <b>Aft:</b>                                 |   |

|                              |  |
|------------------------------|--|
| <input type="checkbox"/> SAT | All deck personnel must have adequate winter protective clothing.  |
| <input type="checkbox"/> SAT | Steering gear test witnessed.  |
| <input type="checkbox"/> SAT | Wheelhouse and living quarters heated.   |
| <input type="checkbox"/> SAT | Operational test conducted of fire, ballast and emergency fire pump (do not press deck lines).   |
| <input type="checkbox"/> SAT | Operational test conducted of both anchor windlasses and all deck mooring winches (not while moored to a pier).  |
| <input type="checkbox"/> 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. |
| <input type="checkbox"/> 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.                                   |
| <input type="checkbox"/> SAT | Ensure emergency generator fuel tank is topped off, and generator set in auto mode. Operationally test by starting in manual mode.   |
| <input type="checkbox"/> 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.                   |
| <input type="checkbox"/> 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.                  |
| <input type="checkbox"/> 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 \_\_\_\_\_

## **Pre-Arrival Checklist for Tug and Barge Operators**

| <b>Checklist Item</b>  | <b>Master's Initials</b> |
|--|--------------------------|
| <b>Pre docking</b>   |                          |
| 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  |                          |
| <b>While Moored at dock</b>  |                          |
| 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                                     |                          |
| <b>Towed Barges - Parameters</b>   |                          |
| 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 |
|---|-------------------|
| <b>Articulated Tug Barges (ATB) - Parameters</b>  |                   |
| 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 $\frac{1}{2}$ 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  |                   |
| <b>Emergency Departure Guidelines</b>   |                   |
| 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](mailto: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](mailto: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 <a href="mailto:ehroth@ucsd.edu">ehroth@ucsd.edu</a> |
| N/A        | 72° 47.939'N, 158°23.941'W | 1,066 feet   | 1,017 feet       | 39/10     | Ethan Roth <a href="mailto:ehroth@ucsd.edu">ehroth@ucsd.edu</a> |
| 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, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-C     | 76°24.800'N, 142°28.200'W  | 12,326 feet  | 131 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-NW    | 76°08.800'N, 145°17.000'W  | 12,441 feet  | 328 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-NE    | 75°46.400'N, 141°30.800'W  | 12,251 feet  | 328 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-B     | 75°30.000'N, 144°08.400'W  | 12,379 feet  | 328 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-SE    | 74°52.500'N, 143°05.200'W  | 12,241 feet  | 328 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-SW    | 75°13.000'N, 146°40.600'W  | 12,464 feet  | 328 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |
| AMOS-A     | 74°35.300'N, 145°32.700'W  | 12,339 feet  | 131 feet         | 35/22     | Craig Lee, <a href="mailto:craiglee@uw.edu">craiglee@uw.edu</a> |

#### 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 |
| HII6       | 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     |
| 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     |

**ALASKA – CHUKCHI SEA (Continued)**

| TYPE/NAME:       | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                           |
|------------------|---------------------------|--------------|------------------|-----------|--------------------------------|
| 20CKITAER-12A    | 67°54.290'N, 168°11.510'W | 196 feet     | 115 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     |
| 22CKP-1A         | 70°50.163'N, 163°07.765'W | 144 feet     | 115 feet         | 48/22     | David Strausz 206-526-4510     |
| 22CKP-2A         | 71°12.940'N, 164°15.394'W | 144 feet     | 118 feet         | 48/22     | David Strausz 206-526-4510     |
| 22CKP-3A         | 71°49.694'N, 166°03.979'W | 148 feet     | 121 feet         | 48/22     | David Strausz 206-526-4510     |
| 22CKP-5A         | 71°15.566'N, 157°59.943'W | 161 feet     | 144 feet         | 48/22     | David Strausz 206-526-4510     |
| 22CKP-12A        | 67°54.621'N, 168°11.056'W | 190 feet     | 161 feet         | 48/22     | David Strausz 206-526-4510     |

**ALASKA – KOTZEBUE SOUND**

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

**ALASKA – BERING STRAIT**

| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                          |
|------------|---------------------------|--------------|------------------|-----------|-------------------------------|
| AOOS-AXYS  | 65°00.700'N, 169°27.23'W  | -----        | Surface          | 30/15     | Darcy Dugan 907-644-6718      |
| NB-17t     | 65°03.884'N, 169°38.045'W | 171 feet     | 89 feet          | 29/17     | Makoto Sampei +81-138-40-8844 |
| BS-17t     | 66°16.075'N, 168°54.098'W | 187 feet     | 105 feet         | 29/17     | Makoto Sampei +81-138-40-8844 |
| A2-21      | 65°46.850'N, 168°34.090'W | 187 feet     | 49 feet          | 29/21     | Rebecca Woodgate 206-221-3268 |
| A3-21      | 66°19.640'N, 168°56.990'W | 194 feet     | 23 feet          | 29/21     | Rebecca Woodgate 206-221-3268 |
| A4-21      | 65°44.740'N, 168°15.770'W | 164 feet     | 49 feet          | 29/21     | Rebecca Woodgate 206-221-3268 |

**ALASKA – NORTON SOUND**

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

**ALASKA – BERING SEA**

| TYPE/NAME:       | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                           |
|------------------|---------------------------|--------------|------------------|-----------|--------------------------------|
| GPS Tide Buoy    | 58°28.015'N, 162°04.779'W | 126 feet     | Surface          | 25/19     | NOAAS FAIRWEATHER 401-378-4022 |
| AL19-AU-BS6      | 53°37.775'N, 167°23.945'W | 312 feet     | 282 feet         | 28/19     | Catherine Berchok 206-526-6331 |
| PUF-18           | 56°15.340'N, 168°17.361'W | 506 feet     | 505 feet         | 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°03.693'W | 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     |
| 22KUITAEOFPR-4A  | 57°53.958'N, 165°42.148'W | 200 feet     | Surface          | 36/22     | David Strausz 206-526-4510     |
| 22BSITAEOFPR-14A | 64°00.002'N, 167°54.718'W | 121 feet     | Surface          | 37/22     | David Strausz 206-526-4510     |
| 22BSITAEOFPR-14A | 64°00.188'N, 167°54.701'W | 121 feet     | 121 feet         | 37/22     | David Strausz 206-526-4510     |
| 22BSP-14A        | 63°59.977'N, 167°55.523'W | Unreported   | 89 feet          | 37/22     | David Strausz 206-526-4510     |
| 22BS-4A          | 57°52.291'N, 168°53.262'W | 241 feet     | 33 feet          | 37/22     | David Strausz 206-526-4510     |
| 22BSP-4A         | 57°52.071'N, 168°53.379'W | 241 feet     | 200 feet         | 37/22     | David Strausz 206-526-4510     |
| 22BS-5A          | 59°54.747'W, 171°43.379'W | 240 feet     | 46 feet          | 37/22     | David Strausz 206-526-4510     |
| 22BSP-5A         | 59°43.525'N, 171°43.440'W | 239 feet     | 197 feet         | 37/22     | David Strausz 206-526-4510     |
| 22BS-8A          | 62°11.896'N, 174°39.756'W | 251 feet     | 59 feet          | 37/22     | David Strausz 206-526-4510     |
| 22BSITAER-8A     | 62°12.107'N, 174°39.664'W | 250 feet     | 66 feet          | 37/22     | David Strausz 206-526-4510     |
| 22UPP-2A         | 54°18.340'N, 164°45.140'W | 256 feet     | 240 feet         | 48/22     | David Strausz 206-526-4510     |

**ALASKA – SOUTHWESTERN – UNIMAK PASS**

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

**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 |
| 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°00.998°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 |
| H13        | 60°18.738'N, 146°52.656'W   | 909 feet     | 818 feet                        | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| H14        | 60°18.588'N, 146°53.340'W   | 522 feet     | 470 feet                        | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| H15        | 60°18.468'N, 146°53.994'W   | 276 feet     | 244 feet                        | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| HC         | 60°18.120'N, 146°53.568'W   | 449 feet     | 404 feet                        | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| H11        | 60°19.008'N, 146°51.228'W   | 1135 feet    | 1022 feet                       | 09/17     | Mary Anne Bishop 907-424-5800 x228 |

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

| TYPE/NAME: | POSITION:                 | WATER DEPTH: | TOP FLOAT DEPTH: | Ref. LNM: | POC:                               |
|------------|---------------------------|--------------|------------------|-----------|------------------------------------|
| H12        | 60°18.888'N, 146°51.930'W | 1194 feet    | 1075 feet        | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| H16        | 60°18.540'N, 146°54.552'W | 85 feet      | 53 feet          | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| HD         | 60°17.982'N, 146°54.336'W | 151 feet     | 119 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M01        | 59°55.482'N, 147°48.630'W | 295 feet     | 263 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| MA         | 59°55.146'N, 147°49.092'W | 220 feet     | 188 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M02        | 59°55.848'N, 147°49.074'W | 446 feet     | 401 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| MB         | 59°55.512'N, 147°49.512'W | 420 feet     | 378 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M03        | 59°56.178'N, 147°49.518'W | 509 feet     | 458 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M04        | 59°56.556'N, 147°49.956'W | 577 feet     | 519 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M05        | 59°56.886'N, 147°50.382'W | 640 feet     | 576 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M06        | 59°57.222'N, 147°50.826'W | 705 feet     | 635 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M07        | 59°57.546'N, 147°51.234'W | 741 feet     | 667 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M08        | 59°57.864'N, 147°51.636'W | 768 feet     | 691 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M09        | 59°58.152'N, 147°52.008'W | 784 feet     | 706 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M10        | 59°58.536'N, 147°52.458'W | 778 feet     | 700 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| MC         | 59°58.182'N, 147°52.872'W | 745 feet     | 671 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| M11        | 59°58.842'N, 147°52.866'W | 472 feet     | 425 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| MD         | 59°58.518'N, 147°53.352'W | 614 feet     | 553 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| LP01       | 59°58.854'N, 148°01.920'W | 112 feet     | 80 feet          | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| LPA        | 59°58.488'N, 148°02.286'W | 98 feet      | 66 feet          | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| EP04       | 59°59.700'N, 148°06.072'W | 276 feet     | 244 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| EPB        | 59°59.364'N, 148°06.492'W | 246 feet     | 214 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| POWP05     | 60°02.778'N, 148°07.470'W | 312 feet     | 280 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| LPB        | 59°58.758'N, 148°02.676'W | 289 feet     | 257 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| EP03       | 59°59.472'N, 148°05.802'W | 240 feet     | 208 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| EPA        | 59°59.064'N, 148°05.952'W | 331 feet     | 299 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| PWA        | 60°02.394'N, 148°07.698'W | 289 feet     | 257 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| LP02       | 59°59.082'N, 148°02.208'W | 148 feet     | 116 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| POWP06     | 60°02.796'N, 148°07.902'W | 177 feet     | 145 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| PWB        | 60°02.418'N, 148°08.208'W | 266 feet     | 234 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| BP07       | 60°06.906'N, 148°14.118'W | 174 feet     | 142 feet         | 09/17     | Mary Anne Bishop 907-424-5800 x228 |
| BPA        | 60°07.128'N, 148°13.458'W | 167 feet     | 135 feet         | 09/17     | Mary 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 |

**ALASKA – SOUTHEAST (Continued)**

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

**ALASKA – NORTH PACIFIC OCEAN**

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