

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

# LOCAL NOTICE TO MARINERS

**District: 17** 

Week: 24/24

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

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

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

> REFERENCES: Light List, Vol. VI, Pacific Coast and Pacific Islands (COMDTPUB P16502.6). U.S. Coast Pilot 8, Pacific Coast Alaska: Dixon Entrance to Cape Spencer, 45th Edition. U.S. Coast Pilot 9, Pacific and Arctic Coasts Alaska: Cape Spencer to Beaufort Sea, 41st Edition.

> > BROADCAST NOTICE TO MARINERS

Navigation information previously promulgated by CG Sector Southeast Alaska Broadcast Notice to Mariners through SEAK215-24 and CG Sector Anchorage Broadcast Notice to Mariners through A118-24 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

https://www.weather.gov/marine/alaskatext

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

## ABBREVIATIONS

## A through H

## I through O

## P through Z

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

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

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

Additional Abbreviations Specific to this LNM Edition: None

# SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

### 938 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: MOUNT MCCARTHUR – Cape Decision, Southern Sumner Strait, Cape Ommaney, and the vicinity of Coronation Island. DUFFIELD PENINSULA – Hoonah Sound and Peril Strait. BEDE MOUNTAIN – The area around Homer, the Barren Islands, Chugach Islands, Kachemak Bay, Southern Cook Inlet, and Kennedy Entrance. CAPE GULL – Northwest Afognak Island, Cape Douglas, and Shelikof Strait to Cape Uyak. RASPBERRY ISLAND – Western Kodiak Island, Shelikof Strait, and Kupreanof Strait. COLD BAY – The area around Cold Bay, Izembek Lagoon, Northeastern Morzhovoi Bay, King Cove, and the Shumagin Islands.

ST PAUL – St. Paul Island and the nearby surrounding Bering Sea.

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 Southeast Alaska Command Center at (907) 463-2980 or Sector Western Alaska and U.S. Arctic Command Center at (907) 428-4100. Mariners are reminded that Western and Northern Alaska have no VHF-FM coverage. Contact in areas without VHF/FM coverage to the Coast Guard is via Communications Detachment Kodiak on HF or JRCC Juneau by phone. Mariners are requested to relay any unanswered calls for assistance to the Coast Guard.

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### 939 ALASKA – SOUTHCENTRAL – CORDOVA – ORCA INLET SOUTH CHANNEL

The following navigational aids have been commissioned for the 2024 season: Orca Inlet South Channel B 1 (LLNR 25615) through Orca Inlet South Channel B 18 (LLNR 25615.9). 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.

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## 940 ALASKA – SOUTHCENTRAL – GULF OF ALASKA

The following subsurface data moorings have been recovered or established:

Recovered: TYPE/NAME: POSITION 23UPP-3A 54°18.402'N, 164°45.130'W Established: TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: 24UPP-3A 54°18.400′N, 164°45.100′W 243 feet 217 feet Ouestions/concerns should be directed to David Strausz at 206-526-4510 or by email to david.strausz@noaa.gov.

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TYPE/NAME: POSITION: 23BSPR-2A 56°52.600"N, 164°03.600"W Established: TYPE/NAME: POSITION: WATER DEPTH: TOP FLOAT DEPTH: 24BSPR-2A 56°52.066'N, 164°03.511'W Unknown Surface 58°15.713′N, 163°33.441′W 24KUM-2A 131 feet Surface 24BSPR-2A and 24KUM-2A each have a 4s flashing yellow light. Questions/concerns should be directed to David Strausz at 206-526-4510 or by email to david.strausz@noaa.gov.

ALASKA - ARCTIC - BEAUFORT SEA - SIMPSON LAGOON ConocoPhillips will be conducting marine ocean and seabed characterization studies near Oliktok Point. Studies will include buoy installation, tide gauge installation, bathymetric surveys, and navigational hazard surveys during the open water seasons of 2024-2027. Temporary monitoring equipment will be placed in the area to support the studies. During the 2024 open water season, roughly late July through mid October, three wave buoys and one tide gauge will be established off of Oliktok Point in the following approximate locations:

B1 70°32.1503'N. 149°52.7995'W

B2 70°34.5981'N, 150°00.3398'W

B3 70°35.2073'N, 150°01.6557'W TG1 70°30.6228'N, 149°52.2870'W

All buoys will consist of a spar buoy floating on the surface with an LED strobe light.

ALASKA - SOUTHWESTERN - ALEUTIAN PENINSULA - SHUMAGIN ISLANDS

The tide gauge will consist of a pressure transducer attached to a 34" pipe that sticks up above the water approximately 3 feet, located in a water depth of 3-5 feet, with a cable to shore connected to a data recorder. The tide gauge will be clearly marked for safety. Mariners are requested to transit the area with caution, maintain at least a 100 foot CPA from all equipment, and minimize their wake when passing nearby. Questions/concerns should be directed to Hannah Griego at 907-265-6163 or by email to Hannah.griego@conocophillips.com. INM: 24/24

Maintenance is being conducted on the Ripinski Mountain Coast Guard VHF/FM Hi-site and may cause intermittent coverage lapses from 0600-1400 UTC which is 2200-0600 Alaska time on June 17-19, 2024.

Mariners are requested to relay any unanswered distress calls to the Coast Guard Sector Southeast Alaska Command Center at 907-463-2980 or the nearest Coast Guard Unit.

Bluff point Shoal LGB 1 (LLNR 27140) has been relocated to 55°11′25.315″N, 161°52′25.171″W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscq.mil.

ALASKA - SOUTHEAST - WRANGELL NARROWS 945 An 18ft aluminum skiff has sunk in the Wrangell Narrows near Wrangell Narrows Channel LB 26 (LLNR 22995) and Wrangell Narrows Channel LT 27 (LLNR 23000) in position 56°38.868'N, 132°55.258'W. All vessels are requested to transit this area with caution and account for the reduced depth of the channel due to the wreck. Questions/concerns should be directed to the Coast Guard Sector Southeast Alaska Command Center on VHF/FM channel 16 or by phone to 907-463-2980.

\*\*\*UPDATED\*\*\* The Boeing CST-100 CFT Spacecraft Mission is scheduled to land at the White Sands Space Harbor or the White Sands Missile Range at 1339 UTC on June 14th, 2024. The reentry into the atmosphere will create debris that may present a hazard to vessels in the Pacific Ocean in the following areas during the time windows indicated. First Service Module Reentry Opportunity: Hazardous Operation: 181123-181224 UTC which is 0323-0424 Alaska Time on June 18th, 2024 Geographic Region: Southeastern Pacific & South Pacific

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943 ALASKA - SOUTHEAST - NORTHERN LYNN CANAL

### ALASKA - NORTH PACIFIC 946

ALASKA - SOUTHWESTERN - BERING SEA

The following subsurface data moorings have been recovered or established:

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Recovered:

POINT 2: 18°25'N, 118°33'W POINT 3: 05°04'S, 136°09'W POINT 4: 02°22'S, 139°54'W Second Service Module Reentry Opportunity: Hazardous Operation: 191911-192012Z UTC which is 1111-1212 Alaska Time on June 19th, 2024 Geographic Region: North Eastern Pacific and North Pacific Hazard Area Bounds: POINT 1: 49°12'N, 132°49'W

POINT 2: 47°00'N, 134°15'W POINT 3: 50°41'N, 170°48'W POINT 4: 52°03'N, 170°59'W POINT 5: 53°10'N, 166°40'W

Mariners are requested to remail clear of the hazard areas during these reentry windows. Direct questions/concerns to Matt Dulski at 281-483-9112 or by email to Matthew.B.Dulski@nasa.gov or Ashley Tarpley at (346) 578-2369 or by email to Ashley.FW.Tarpley@nasa.gov.

ALASKA - SOUTHEAST - KETCHIKAN TO DIXON ENTRANCE An engineless vessel race from Victoria, BC to Ketchikan, AK will be taking place from June 9th to July 8th, 2024. Race vessels can be expected in the vicinity of Ketchikan starting around June 16th, 2024. All 37 registered race vessels are completely engineless (having no engine aboard whatsoever), and types can include any water-vessel including kayaks, SUPs, pedal drive boats, monohulls, catamarans, and trimarans. Mariners are requested to transit the area with caution. Questions/concerns should be directed to Jesse Wiegel at 360-808-7285 or by email to raceboss@r2ak.com.

ALASKA - SOUTHEAST - DUNCAN CANAL - WHISKEY PASS A skiff was reported sunk in Whiskey Pass, Duncan Canal, in approximate position 56°32.586'N, 133°03.855'W. Mariners are requested to transit or anchor in the area with caution. Questions/concerns should be directed to the Coast Guard Sector Southeast Alaska Command Center on VHF/FM channel 16 or by phone to 907-463-2980.

An uncharted dangerous rock has been reported in Foggy Bay in approximate position 54°57.501'N, 130°57.267'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: 21/24

The Pacific Northwest National Laboratory (PNNL) will deploy and operate scientific instruments in the Kvichak River, Igiugig, Alaska, in the vicinity of 59°19.485'N, 155°54.935'W for up to 15 days between May 15th, and June 30th, 2023. The instruments will be placed in 1-2 meters of water and approximately 5-15 meters from shore near the Igiugig Village Council's in-river turbine. The instruments will be deployed on the riverbed and will have a surface expression buoy marked with the word "RESEARCH". Mariners are asked to avoid the nearshore area along the right bank during the scheduled time. Questions/concerns should be directed to Garrett Staines, PNNL, 360-681-3642 or by email to garrett.staines@pnnl.gov.

Dangerous shoaling was reported in position 58°18′08.1″N, 135°22′22.5″W. Mariners are advised to transit the area with caution. Ouestions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

\*\*\*Originally published in LNM 09/21 and updated in LNM 18/24\*\*\* The National Oceanic and Atmospheric Administration (NOAA) is undertaking a multi-year program to end production and maintenance of its suite of over 1,000 traditional paper nautical charts and all associated raster chart products and services, including: Print-on-Demand (POD) paper nautical charts, Full-size chart PDF files, BookletChart™ PDF files, NOAA raster navigational charts (NOAA RNC®), the NOAA RNC tile service, and the online RNC viewer. Six months notice of the intent to cancel a specific chart is provided in a "Last Edition" notice. The final cancellation of a chart is made in a "Canceled" notice. Both types of notices will appear in LNM Section IV, "Chart Correction." Canceled charts do not meet USCG carriage requirements. 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://nauticalcharts.noaa.gov/charts/farewell-to-traditional-nautical-charts.html An online NOAA Custom Chart application at: https://devgis.charttools.noaa.gov/pod is available to create chart images from ENC data, which may then be printed. Notices to Mariners will not be issued for NOAA Custom Charts.

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Hazard Area Bounds: POINT 1: 21°16'N, 122°22'W

ALASKA - SOUTHEAST - FOGGY BAY 949

### 950 ALASKA - SOUTHWESTERN - ALEUTIAN PENINSULA - IGIUGIG

# 951 ALASKA - SOUTHEAST - ICY STRAIT/ICY PASSAGE

\*\*\*\*CANCELLATION OF NOAA PAPER AND RASTER NAUTICAL CHARTS\*\*\*\* 952

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Dredging, pile driving and other miscellaneous marine construction will be conducted at the Port of Alaska from April 1st through October 31st, 2024. Three mooring buoys with quick flashing white lights will be established northwest of Terminal 3 in positions 61°15'3.25"N. 149°53'39.45"W: 61°15'14.56"N, 149°53'31.58"W; and 61°15'25.56"N, 149°53'33.24"W. During operations VHF/FM channel 8 will be monitored. Derrick barges will have anchors deployed and submerged anchor cables will be marked by crown buoys over each submerged anchor. Mariners are requested to maintain a minimum 1,000 foot CPA. Mariners should proceed with caution and are requested to operate at a slow speed when transiting in this area

The Coast Guard has temporarily established Orca Inlet Channel LB 12 to temporarily replace Orca Inlet Channel LT 12 in position 60°37'34.074"N, 145°41'27.078"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.

Makhnati Rock LWB 2 (LLNR 25000) is missing. A red temporary replacement lighted buoy has been established in position 57°02.170'N, 135°23.759'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.

OBSTRUCTION TO NAVIGATION: A 22' white sailboat has sunk in Gastineau Channel off of Sandy Beach on Douglas in approximate position 58°16.259'N, 134°22.227'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to the Coast Guard Sector Southeast Alaska Command Center on VHF/FM channel 16 or by phone to 907-463-2980.

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

https://forums.outdoorsdirectory.com/threads/digital-selective-calling-dsc.140270/ 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.

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.

OBSTRUCTION TO NAVIGATION: A submerged rock has been reported approximately 20' off of the K&I Pier, which is located just South of the Star of Kodiak Pier, in approximate position 57°47.150'N, 152°24.341'W. The rock was reported struck by a vessel with a 16' draft at low tide, approximately +.085'. Mariners are requested to transit the area with extreme caution . Questions/concerns should be directed to the Sector Anchorage Command Center on VHF/FM channel 16 or by phone to 907-428-4100.

OBSTRUCTION TO NAVIGATION: An anchor and 1 shot of chain from a 120 foot vessel was reported as lost and sitting on the sea floor in Chilkoot Inlet in position 59°14.420'N, 135°25.852'W. All vessels anchoring in the vicinity are requested to remain clear of the lost anchor. Ouestions/concerns should be directed to the Coast Guard Sector Juneau Command Center at 907-463-2980 or on VHF/FM channel 16.

Bechevin Bay B 8 (LLNR 27290) has been relocated 136 yards to position 55°03'09.590"N, 163°25'26.656"W to best mark the channel. Mariners are requested to transit the area with caution. 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.

The Coast Guard received a report of a grounding due to uncharted shoaling in the vicinity of the Stikine River entrance. The grounding occurred

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### ALASKA - SOUTHCENTRAL - COOK INLET - ANCHORAGE 953

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ALASKA - SOUTHCENTRAL - ORCA BAY

### ALASKA - SOUTHEAST - WESTERN CHANNEL 955

### 958 ALASKA - ALEUTIAN ISLANDS - ADAK - SWEEPER COVE

ALASKA - SOUTHEAST - GASTINEAU CHANNEL - DOUGLAS

## 959 ALASKA - SOUTHCENTRAL - KODIAK

### ALASKA - SOUTHEAST - HAINES - CHILKOOT INLET 960

### ALASKA - SOUTHWESTERN - ALASKA PENINSULA - BECHEVIN BAY 961

### ALASKA - SOUTHEAST - WRANGELL - STIKINE RIVER ENTRANCE 962

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on June 17th, 2023, in the vicinity of position 56°30.01'N, 132°27.28'W with an approximate charted depth of 140'. Mariners are advised to transit the area with extreme caution and report any observed uncharted shoaling. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

ALASKA - SOUTHEAST - AUKE BAY/AUK REC The U.S. Coast Guard has established a temporary mooring buoy in the cove where the Auk Recreation area is located between Point Louisa and Auke Bay in position 58°22'34.114"N, 134°43'23.448"W. The mooring buoy has been established for official use and should not be used without authorization from the Coast Guard. 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.

A 47 foot wood fishing vessel has been reported sunk in position 56°54.68'N, 132°56.69'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to the Sector Juneau Command Center at 907-463-2980.

Elovoi Island Rock DBN 1 (LLNR 24900) has been rebuilt in position 56°49'17.695"/N, 135°22'43.882"/W and is watching properly. The temporary buoy marking the rock has been removed. Chart and Light List corrections will be issued once the verification process has been completed. Mariners are advised 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.

A submerged mooring has been reported lost in 315 feet of water in position 60°30.224'N, 146°30.821'W. This mooring may be an obstruction to operations on the sea floor. Questions/concerns should be directed to Todd Buck at the Coast Guard District 17 Waterways Management Office at 907-463-2269 or by email to todd.r.buck@uscg.mil.

ALASKA - SOUTHEAST - STEPHENS PASSAGE - HORSE ISLAND 967 Sea Ouester Farms has established an aquatic farm just South of Horse Island in Stephens Passage. The aquatic farm is marked by buoys and three of the buoys are currently lighted with plans to add lights to two additional buoys. The extent of the aquatic farm is: SSW - 58°14.575'N,134°43.980'W (Lighted buoy)

WSW - 58°14.587'N, 134°44.040'W (Lighted buoy) WNW - 58°14.648'N, 134°44.077'W (Lighted buoy) NNW - 58°14.684'N, 134°44.025'W (Light will be added to buoy) ENE - 58°14.674'N, 134°43.888'W ESE - 58°14.639'N, 134°43.862'W SSE - 58° 14.597'N 134° 43.887'W (Light will be added to buoy) Mariners are advised to transit the area with caution. Questions/concerns should be directed to Ilivia Duner at 530-414-3632 or by email to info@seaguesterfarms.com.

ALASKA - SOUTHCENTAL - COOK INLET NAVIGATION CHANNEL

ALASKA - SUBSURFACE AND SURFACE BUOYS

ALASKA - SOUTHEAST - SITKA SOUND - DOROTHY NARROWS

ALASKA - PRINCE WILLIAM SOUND - CAPE HINCHINBROOK

ALASKA - SOUTHEAST - FREDERICK SOUND

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

The U.S. Army Corps of Engineers (USACE), Alaska District conducted a project condition survey for Cook Inlet Navigation Channel on May 13th, 2022 in which the following controlling depths in feet (FT) mean lower low water (MLLW) were recorded: Left Outside Quarter 61°12'30.93"N, 150°03'54.55"W, -39.5 FT MLLW Left Inside Quarter 61°11'39.75"N, 150°07'00.55"W, -38.6 FT MLLW Right Inside Quarter 61°11'37.86"N, 150°06'57.61"W, -39.4 FT MLLW Right Outside Quarter 61°12'13.42"N, 150°04'19.01"W, -41.8 FT MLLW A chartlet of the controlling depths as well as survey data are available on the U.S. Army Corps of Engineers (USACE) Navigation Portal website at:

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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

http://navigation.usace.army.mil/Survey/Hydro. The Cook Inlet Navigation Channel was dredged during the summer of 2014 to a project depth of -38 FT MLLW. At this time, no maintenance dredging is scheduled for this channel during 2022. The next project condition survey for this channel is tentatively scheduled for May 2023. BE ADVISED: The information depicted on maps, charts, drawings, navigation notices, etc., for the subject project, represents the results of a survey conducted on the date(s) indicated and can only be considered to represent the general condition

LNM: 02/23 ALASKA - SOUTHEAST - TENAKEE INLET Tenakee Inlet Entrance LT 1 (LLNR 24065) is destroyed and has been temporarily decommissioned and Tenakee Inlet Entrance LB 1 (LLNR 24065.1) has been established in position 57°46'19.284"/N, 134°55'36.987"/W. Tenakee Inlet Entrance LB 1 is a green can buoy with a green light

LNM: 49/22 ALASKA - SOUTHEAST - FRESHWATER INLET - PAVLOF HARBOR 971 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

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 vellow buoy with a FI 6 second light and is located in position 58°21'47.580"N, 135°32'32.500"W. Chart and Light List corrections will be published in a subsequent LNM. Questions/concerns should be directed to Brian Delay at 907-321-1952 or by email to rainydawnfarms@gmail.com.

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.

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.

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@uscq.mil. LNM: 36/22

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

flashing every 4 seconds. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office

LNM: 43/22

LNM: 42/22

INM: 40/22

LNM: 39/22

### ALASKA - SOUTHEAST - ICY STRAIT - ICY PASSAGE 972

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

jeremy.m.allen@usace.army.mil.

970

974

caution.

## ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - BARRY ARM 973

SAFETY NOTICE - NAVIGATIONAL RANGE AND SECTOR LIGHTS ON ELECTRONIC CHARTS

ALASKA - SOUTHEAST - DUNCAN CANAL - BUTTERWORTH ISLAND 976

ALASKA - SOUTHEAST - NECKER ISLANDS - HOT SPRINGS BAY 975

### ALASKA - U.S. COAST GUARD MEDIUM FREQUENCY (MF) AND HIGH FREQUENCY (HF) DISTRESS WATCHKEEPING 977

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.uscq.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.

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

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.

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.

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

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

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.

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.

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.

INM: 50/21

LNM: 40/21

LNM: 38/21

LNM: 37/21

LNM: 28/21

LNM: 27/21

LNM: 23/21

LNM: 08/21

ALASKA - SOUTHEAST - KLAG BAY 980

ALASKA - SOUTHCENTRAL - KODIAK ISLAND

ALASKA - SOUTHEAST - BEHM CANAL - MOSER BAY

978

979

983

### ALASKA - WESTERN - YUKON RIVER 981

## ALASKA - BRISTOL BAY - NORTHEAST KVICHAK BAY - NAKNEK RIVER 982

ALASKA - ALEUTIAN ISLANDS - UNALASKA - CAPTAIN'S BAY

### ALASKA - COOK INLET 984

### 985 ALASKA

ALASKA - SOUTHEAST - DIXON ENTRANCE 986 Tree Point LT (LLNR 21840) has been relocated to a new steel structure approximately 100 yards Southeast of the existing lighthouse structure.

### ALASKA - GULF OF ALASKA 987

### ALASKA - SOUTHCENTRAL 988 The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southcentral Alaska. The initial coverage areas are

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### 989 ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND - UNAKWIK INLET

ALASKA - SOUTHEAST - FRESHWATER BAY

ALASKA - SOUTHEAST - FARRAGUT BAY - FRANCIS ANCHORAGE

## Office at (907) 463-2269 or by email to todd.r.buck@uscq.mil. LNM: 25/19 ALASKA

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

### Coast Guard District 17 is using AIS broadcasts to notify mariners of CG VHF/FM Hi-Site outages. These are geographic broadcasts that should display on properly configured, AIS equipped, chart plotters. The broadcast will display with a 40NM range ring surrounding the inoperative Hi-Site and a message stating the name of the site, it's latitude/longitude, and the telephone number of the nearest CG Command Center. An example broadcast message is "CG DECEPTION HILLS VHF SITE AT 59-05N 138-13W INOP-RELAY DISTRESS CALLS TO 9074632980". The purpose of this notification is to ensure mariners are aware of problematic VHF/FM coverage and to encourage them to relay information to the nearest CG Command Center. When relaying a distress call the most critical piece of information is an accurate position. Additional valuable information is: Nature of distress; Number of persons on board; Vessel name; On scene weather; Crew's intentions (I.E. Abandon ship, Fight the fire, ETC.). The CG Command Center may request additional information depending on the specific situation. CG VHF/FM Hi-Site outages will also be listed in each weekly Local Notice to Mariners, announced over nearby Hi-Sites by Broadcast Notice to Mariners, listed on the Coast Guard NAVCEN website at https://www.navcen.uscg.gov/broadcast-notice-to-mariners. BNM texts can also be emailed to people who request it through the NAVCEN website. Sector Juneau Command Center is 907-463-2980. Sector Anchorage Command Center is 907-428-4100. Ouestions/concerns should be directed to Todd Buck with the CG District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscq.mil.

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

information is available through the Alaska Outdoors Forum at https://forums.outdoorsdirectory.com/threads/digital-selective-calling-dsc.140270/ 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.

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

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

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

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: 43/20

LNM: 11/20

LNM: 33/19

LNM: 51/23

LNM: 04/23

LNM: 24/19

LNM: 34/18

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.

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

**DISCREPANCIES (FEDERAL AIDS)** 

998

### ALASKA - CENTRAL - BETHEL 994 OBSTRUCTION: The barge SHANKS ARK has been reported sunken and abandoned in Steamboat Slough on the Kuskokwim River, approximate

# 996

### ALASKA - SOUTHEAST - ICY STRAIT - NORTH INIAN PASSAGE 997

ALASKA - SOUTHCENTRAL - SHELIKOF STRAIT - KINAK BAY

### ALASKA - SOUTHEAST - WRANGELL NARROWS 999

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 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

# **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.

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
984	NOAA Data Lighted Buoy 46001	ADRIFT	16013		50/21	
984.15	NOAA Data Lighted Buoy 46085	MISSING	16016	A121-23	29/23	
985	Cape Muzon Light	LT EXT	17400	J329-23	46/23	
1030	Cape Edgecumbe Light	LT EXT	17320	J099-23	14/23	
1105	Cape St. Elias Buoy 2	MISSING	16016	A175-23	41/23	
1131	NOAA Data Lighted Buoy 46061	MISSING	16700	A234-23	52/23	
1150	Seal Rocks Light	DAYMK MISSING	16680		44/21	

ALASKA - ALEUTIAN ISLANDS - AKUTAN ISLAND - AKUTAN HARBOR 995 UNKNOWN MARINE ANOMALY: An unknown marine anomaly was discovered during underwater survey operations in Akutan Harbor in position

Management Branch at (907) 428-4189 or by email to david.n.parker@uscg.mil.

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.

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, Ouestions/concerns should be directed to LT David Parker, Sector Anchorage Waterways Management, at (907) 428-4189.

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.

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

OSTRUCTION TO NAVIGATION: The P/C HEATHER ANN has sunk in Wrangell Narrows on the East side of the channel approximately 330 yards 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

LNM: 11/17

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

LNM: 03/18

LNM: 17/18

LNM: 36/17

1260	Cape Greig Light	LT EXT/DAYMK DMGD	16011	A100-21	37/21
1285	Cape Mohican Light	LT EXT	16006	A076-22	33/22
21850	Cape Chacon Light	DAYMK DMGD	17420	J095-22	31/22
22040	Nichols Passage East Channel Daybeacon 2	STRUCT DEST		J130-22	41/22
22065	Metlakatla Boat Harbor Light 2	DAYMK DMGD	17420	J299-23	42/23
22070	Metlakatla Inner Harbor Daybeacon 3	DAYMK DMGD	17420	J299-23	42/23
22125	Walden Rock Light 6	REDUCED INT/STRUCT DMGD	17420	J292-23	42/23
22150	California Rock Lighted Buoy 3	LT EXT		J335-23	47/23
22155	Idaho Rock Lighted Buoy 4	LT EXT		J336-23	47/23
22190	Pennock Island Reef Lighted Buoy PR	LT EXT		J339-23	47/23
22270	Refuge Cove Daybeacon 3	STRUCT DEST		J143-22	43/22
22435	Meyers Chuck Buoy 3	MISSING		J114-22	37/22
22515	Snow Passage Lighted Buoy SP	LT EXT	17420	SEAK001	01/24
22525	Bay Point Daybeacon BP	DAYMK DMGD	17360	J174-22	51/22
22670	Blake Channel Light 1	STRUCT DEST/LT EXT	17360	J124-20	48/20
22863	Wrangell Narrows Daybeacon 4	STRUCT DEST		J113-21	41/21
22875	Wrangell Narrows Tow Channel Buoy 1TC	MISSING		SEAK105-24	12/24
22916	Wrangell Narrows Daybeacon 10A	STRUCT DEST		J128-21	47/21
23210	Wrangell Narrows North Entrance Lighted Bell Buoy WN	LT EXT	17360	SEAK004-24	02/24
23260	Cape Fanshaw Light	STRUCT DEST	17360	J081-22	26/22
23280	Five Finger Light	LT EXT	17360	J010-23	02/23
23285	Five Fathom Shoal Lighted Buoy F	LT EXT	17360	SEAK189-24	21/24
23290	The Eye Opener Light	LT EXT	17360	J165-23	26/23
23305.1	Keku Strait Entrance Light	STRUCT DEST		J069-19	38/19
23305.7	Keku Strait Daybeacon 10	MISSING		J148-13	32/13
23305.9	Keku Strait Daybeacon 13	STRUCT DEST		J103-15	23/15
23305.95	Keku Strait Buoy 14	MISSING		J288-23	41/23
23306	Keku Strait Daybeacon 15	STRUCT DEST		J288-23	41/23
23306.2	Keku Strait Daybeacon 18	STRUCT DEST		J288-23	41/23
23306.7	Keku Strait Daybeacon 25	STRUCT DEST		J071-20	28/20
23307.05	Keku Strait Daybeacon 31	STRUCT DEST		J072-20	28/20
23307.6	Keku Strait Daybeacon 37	STRUCT DEST		J288-23	41/23
23307.7	Keku Strait Daybeacon 39	STRUCT DEST		J074-21	26/21
23355	Portage Pass Daybeacon 11	STRUCT DEST	17360	J077-18	26/18
23510	Point Ellis Light	LT EXT	17320	J028-21	08/21
23595	Hobart Bay Light 2	DAYMK MISSING	17360	J247-23	34/23
23600	Point Gambier Light	LT EXT	17360	J362-23	51/23
23735	Mendenhall Bar Buoy 8	OFF STA		SEAK205-24	23/24
23735.1	Mendenhall Bar Buoy 9	OFF STA		SEAK205-24	23/24
23735.15	Mendenhall Bar Buoy 8A	OFF STA		SEAK20-24	23/24
23735.2	Mendenhall Bar Buoy 9A	OFF STA		SEAK205-24	23/24
23735.25	Mendenhall Bar Buoy 8B	OFF STA		SEAK205-24	23/24
23735.3	Mendenhall Bar Buoy 9B	OFF STA		SEAK205-24	23/24
23735.35	Mendenhall Bar Buoy 10	OFF STA		SEAK205-24	23/24
23735.4	Mendenhall Bar Buoy 11	OFF STA		SEAK205-24	23/24
23735.45	Mendenhall Bar Buoy 10A	OFF STA		SEAK205-24	23/24
23735.5	Mendenhall Bar Buoy 11A	MISSING		SEAK205-24	23/24
23735.55	Mendenhall Bar Buoy 10B	OFF STA		SEAK205-24	23/24

23735.6	Mendenhall Bar Buoy 11B	OFF STA		SEAK205-24	23/24
23735.62	Mendenhall Bar Buoy 10C	OFF STA		SEAK205-24	23/24
23735.63	Mendenhall Bar Buoy 11C	OFF STA		SEAK205-24	23/24
23735.65	Mendenhall Bar Buoy 12	OFF STA		SEAK205-24	23/24
23735.7	Mendenhall Bar Buoy 13	OFF STA		SEAK205-24	23/24
23735.75	Mendenhall Bar Buoy 12A	OFF STA		SEAK205-24	23/24
23735.8	Mendenhall Bar Buoy 13A	OFF STA		SEAK205-24	23/24
24260	Elfin Cove Daybeacon 5	STRUCT DEST		J017-18	36/19
24300	Lisianski Inlet Daybeacon 4	STRUCT DEST	17300	J272/23	39/23
24330	Cape Muzon Light	LT EXT	17400	J329-23	46/23
24575	Klawock Reef Lighted Buoy 1	LT EXT	17400	J017-23	03/23
24790	Dry Pass Daybeacon 3	STRUCT DEST		J072-18	23/18
24910	Cape Edgecumbe Light	LT EXT	17320	J099-23	14/23
24915	Vitskari Island Light	RAC INOP	17320	J211-23	29/23
24948	Indian River Flats Lighted Buoy 2	LT EXT		J032-20	09/20
25355	Dippy Island Rock Daybeacon 3	STRUCT DEST		J112-22	35/22
25535	Johnstone Point Light	LT EXT		A073-23	17/23
25550	Hanks Island Rock Light 5	STRUCT DEST		A233-23	52/23
25575	Orca Inlet Channel Light 12	STRUCT DEST	16700	A020-24	06/24
25646	NOAA Data Lighted Buoy 46060	ADRIFT	16700	A009-23	04/23
25662	Bligh Reef Light	DAYMK DMGD		A071-24	17/24
25823	Valdez Security Zone Lighted Buoy A	LT EXT		A230-23	01/23
25824	Valdez Security Zone Lighted Buoy B	LT EXT		A231-23	52/23
25982	NOAA Data Lighted Buoy 46076	OFF STA	16700	A 023-24	07/24
25982	NOAA Data Lighted Buoy 46076	OFF STA	16700	A060-20	23/20
26000	Thumb Cove Light	DAYMK DMGD	16680	A143-23	34/23
26075	Chugach Passage Lighted Buoy 2	MISSING	16640	A047-24	13/24
26095	Perl Rock Light	LT EXT	16640	A085-24	19/24
26245	Halibut Point Daybeacon	STRUCT DEST	16640	A103-24	22/24
26560	Hanin Rock Light	LT EXT	16580	A035-23	10/23
26910	Aiaktalik Island Light 5	DAYMK DMGD	16580	A133-20	49/20
26960	Harvester Island Spit Light 2	DAYMK DMGD	16580	A159-23	37/23
27000	Northeast Arm Light 1	STRUCT DEST	16580	A143-21	50/21
27025	Dry Spruce Island Rock Light 7	LT EXT	16580	A008-22	06/22
27155	Goloi Sandspit Light 3	LT EXT/STRUCT DMGD	16540	A177-23	41/23
27250	Bechevin Bay Entrance Buoy BB	MISSING	16520	A130-21	43/21
27410	Isanotski Strait Light 3	LT EXT	16520	A222-23	50/23
27455	Iliuliuk Bay Entrance Lighted Bell Buoy 2	LT EXT	16500	A012-23	05/23
27505	Bailey Ledge Light	LT EXT/STRUCT DMGD	16520	A122-20	43/20
27542	Sweeper Cove Range Front Light	DAYMK DMGD		A223-23	50/23
27827	St. George Harbor Entrance Light 1	STRUCT DEST		A118-22	42/22
27872	Okwega Pass Light OP	STRUCT DEST	16240	A149-23	36/23

## DISCREPANCIES (FEDERAL AIDS) CORRECTED

L	LNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
2	3685	Rock Dump Lighted Buoy 2A	WATCHING PROPERLY		SEAK215-24	17/24	24/24
2	4220	Rush Point Shoal Buoy 1	WATCHING PROPERLY	17300	SEAK133-24	20/23	24/24
2	5195	Sergius Narrows Buoy 8	WATCHING PROPERLY		SEAK2014-24	23/24	24/24
2	5200	Sergius Narrows Light 9	WATCHING PROPERLY	17320	SEAK213-24	23/24	24/24

-	25615	Orca Inlet South Channel Buoy 1	WATCHING PROPERLY	A118-24	19/24	24/24
		,				
2	25615.1	Orca Inlet South Channel Buoy 2	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.15	Orca Inlet South Channel Buoy 1A	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.2	Orca Inlet South Channel Buoy 2A	WATCHING PROPERLY	118-24	19/24	24/24
2	25615.25	Orca Inlet South Channel Buoy 3	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.3	Orca Inlet South Channel Buoy 4	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.35	Orca Inlet South Channel Buoy 5	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.4	Orca Inlet South Channel Buoy 6	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.45	Orca Inlet South Channel Buoy 7	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.5	Orca Inlet South Channel Buoy 8	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.55	Orca Inlet South Channel Buoy 9	WATCHING PROPERLY	118-24	19/24	24/24
2	25615.6	Orca Inlet South Channel Buoy 10	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.65	Orca Inlet South Channel Buoy 11	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.7	Orca Inlet South Channel Buoy 12	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.75	Orca Inlet South Channel Buoy 13	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.8	Orca Inlet South Channel Buoy 14	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.85	Orca Inlet South Channel Buoy 16	WATCHING PROPERLY	A118-24	19/24	24/24
2	25615.9	Orca Inlet South Channel Buoy 18	WATCHING PROPERLY	A118-24	19/24	24/24

### DISCREPANCIES (PRIVATE AIDS)

LLN	IR	Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM End
2220		Bar Harbor Breakwater East Light	STRUCT DEST			J202-15	47/15	
2220	02	Bar Harbor Breakwater Middle Light	STRUCT DEST			J203-15	47/15	
2220	03	Bar Harbor Breakwater West Light	STRUCT DEST			J204-15	47/15	
2390	08	Port Chilkoot Mooring Dolphin Lights (2)	LT EXT			J175-14	38/14	
2582	22	Port Valdez Servs Dock Lights (2)	OFF STA			A067-19	24/19	
2589	893 Whittier Passenger Dock Lights (2) LT EXT A031-10		A031-10	20/10				
2600	05	4th of July Channel LT 1	STRUCT DEST			A097-23	23/23	
2601	10	Seward Marine Dock Light	LT EXT				20/22	
DISCREPA	NCIES (PI	RIVATE AIDS) CORRECTED						
DISCREPAI	•	RIVATE AIDS) CORRECTED Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM End
	•	,	Status		Chart No.	BNM Ref.	LNM St	LNM End
LLN	IR	Aid Name	Status		Chart No.	BNM Ref.	LNM St	LNM End
<u>LLN</u> None	IR	Aid Name	Status	Position	Chart No.	BNM Ref.		LNM End
LLNI None PLATFORM	IR	Aid Name	Status	Position	Chart No.			
LLNI None PLATFORM Name None	M DISCRE	Aid Name	Status	Position	Chart No.			

## 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
22329	Moser Bay Coast Guard Lighted Mooring Buoy	DISCONTINUED	17420		14/24	

22255					17200	1000 10		
23355	5	ass Daybeacon 11	TRUB		17360	J093-18	30/18	
23790	Horse Sho	5			17300	J102-19	51/19	
23945		Reef Light 2		ONTINUED	17300	J152-23	24/23	
24065		Inlet Entrance Light 1		ONTINUED	17300	J172-22	50/22	
24957		ock Daybeacon		ONTINUED		J022-17	04/17	
25000	Makhnati	Rock Lighted Whistle B	•		17320	SEAK022-24	04/24	
25025.5	Japonski I	Island Daybeacon 2	DISCO	ONTINUED	17320	J196-16	49/16	
25647	NOAA Dat	ta Lighted Buoy 46081	DISCO	ONTINUED	16700	A126-19	46/19	
25805	Port Valde	ez Coast Guard Mooring	g Buoy DISCO	ONTINUED		A095-18	33/18	
EMPORARY CHA	ANGES CORREC	CTED						
LLNR	Aid Name	!	Statu	S	Chart No.	BNM Ref.	LNM St	LNM End
one								
LATFORM TEMP	ORARY CHANG	ES						
Name		Status	5		Position	BNM Ref.	LNM St	LNM En
lone								
LATFORM TEMP	ORARY CHANG	SES CORRECTED						
		Status	5		Position	BNM Ref.	LNM St	LNM Er
None		SECTIC	ON IV - CHAI	RT CORREC	TIONS			
None This se		prrections to federally a	and privately mair	ntained Aids to Na	vigation, as well as			
None This se	is corrective action		and privately main Corrections appe	ntained Aids to Na ear numerically by	vigation, as well as chart number, and	pertain to that cha		tion.
None This se his section contain is up to the marine thart Chart	er to decide whic Edition	orrections to federally a ons affecting chart(s). ch chart(s) are to be cou Last Local Notice	and privately mair Corrections appe rrected. The follov Horizontal	ntained Aids to Na ear numerically by wing example exp Source of	vigation, as well as chart number, and plains individual eler Current Local	pertain to that cha nents of a typical		tion.
This se         his section contain         is up to the marine         thart       Chart         umber       Edition         I       I	is corrective action er to decide whic Edition Date . I	orrections to federally a ons affecting chart(s). ch chart(s) are to be con Last Local Notice to Mariners . I	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I .	ntained Aids to Na ear numerically by wing example exp Source of	ivigation, as well as chart number, and lains individual eler	pertain to that cha nents of a typical		tion.
This se This section contain is up to the marine hart Chart umber Edition I . I 2327 91st Ec	s corrective action Edition Date . J 19-APR-97	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners . I Last LNM: 26/97	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83	ntained Aids to Na ear numerically by wing example exp Source of ce Correction	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar	pertain to that cha nents of a typical		tion.
This se his section contain is up to the marine hart Chart umber Edition I . I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2	s corrective action Edition Date I. 19-APR-97 NEW YORK HAF 2245 NEW YOR	Dirrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners . I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER	ntained Aids to Na ear numerically by wing example exp Source of ce Correction I . CGD01	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar .   27/97	pertain to that cha nents of a typical iners		tion.
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None This se his section contain is up to the marine hart Chart umber Edition I I I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2 Femp) ADD	s corrective action Edition Date I. 19-APR-97 NEW YORK HAF 245 NEW YOR NATIONAL DOC	Dirrections to federally a ons affecting chart(s). ch chart(s) are to be con Last Local Notice to Mariners . I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR X CHANNEL BUOY 3	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER	ntained Aids to Na ear numerically by wing example exp Source of ce Correction I . CGD01	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar .   27/97	pertain to that cha nents of a typical iners		tion.
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This see         This section contain         is up to the marine         chart       Chart         chart       Chart         lumber       Edition         l       I         2327       91st Ec         Chart Title: NY-NJ-I         Main Panel 2         Temp)       ADD         .       I       G         Corrective       Action         Temp) indicates that       G         Searings of light see       Searings of light see	s corrective action Date J. 19-APR-97 NEW YORK HAF 245 NEW YOR NATIONAL DOC reen can I Object of Cor Action at the chart correctors are toward	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rrective	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER B any in nature. Cou	ntained Aids to Na ear numerically by wing example exp Source of ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar .   27/97 09.001N 074-02-4 ps are given in degre	pertain to that cha nents of a typical iners 8.001W ees clockwise fror	n 000 true.	
This se         his section contain         is up to the marine         hart       Chart         umber       Edition         1       .         2327       91st Ec         hart Title: NY-NJ-I         Main Panel 2         Femp)       ADD         .       I         Gorrective         Action         Femp) indicates the         earings of light sec         0       S         ChartTitle: North	s corrective action Date L 19-APR-97 NEW YORK HAF 245 NEW YOR NATIONAL DOC reen can I Object of Cor Action at the chart correctors are toward th Ed. 0 Pacific Ocean (e	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rective ection action is tempora the light from seaward. <b>1-DEC-15 Last L</b> eastern part) Bering S	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER ary in nature. Cou . The nominal rat . The nominal rat Sea Continuation	ntained Aids to Na ear numerically by wing example exp Source of ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp NAD 83	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar .   27/97 09.001N 074-02-4 ps are given in degre	pertain to that cha nents of a typical iners 8.001W ees clockwise fror	n 000 true.	noted.
None This section contain is up to the marine hart Chart umber Edition I I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2 Temp) ADD . I Gi Corrective Action Temp) indicates the earings of light sec D S Chart Title: North	s corrective action Date L 19-APR-97 NEW YORK HAF 245 NEW YOR NATIONAL DOC reen can I Object of Cor Action at the chart correctors are toward th Ed. 0 Pacific Ocean (e	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rective ection action is tempora the light from seaward. <b>1-DEC-15</b> Last L	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER ary in nature. Cou . The nominal rat . The nominal rat Sea Continuation	ntained Aids to Na ear numerically by wing example exp Source of ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp NAD 83	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar I 27/97 09.001N 074-02-4 pressed in nautical	pertain to that cha nents of a typical iners 8.001W ees clockwise fror	n 000 true.	noted.
This se         his section contain         is up to the marine         Chart         Corrective         Action         Temp) indicates that         Learings of light set         O       S         ChartTitle:       North	s corrective action Date L 19-APR-97 NEW YORK HAF 245 NEW YOR NATIONAL DOC reen can I Object of Cor Action at the chart correctors are toward oth Ed. 0 Pacific Ocean (e NORTH PACIFIC	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rective ection action is tempora the light from seaward. <b>1-DEC-15 Last L</b> eastern part) Bering S	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER ary in nature. Cou . The nominal rat . The nominal rat Sea Continuation	ntained Aids to Na ear numerically by wing example exp Source of ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp NAD 83	vigation, as well as chart number, and plains individual eler Current Local Notice to Mar . I 27/97 09.001N 074-02-4 pressed in nautical CGD17 from 57-00	pertain to that cha nents of a typical iners 8.001W ees clockwise fror miles (NM) unless	n 000 true. s otherwise r 177-42	noted.
This se his section contain is up to the marine hart Chart umber Edition I . I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2 Temp) ADD . I . Gi Corrective Action Temp) indicates the earings of light sec D S ChartTitle: North CHART N	s corrective action Edition Date 1 9-APR-97 NEW YORK HAF 2245 NEW YORK HAF 2245 NEW YORK HAF 2245 NEW YORK NATIONAL DOC reen can 1 Object of Correctors are toward Oth Ed. 0 Pacific Ocean (e NORTH PACIFIC	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rective ection action is tempora the light from seaward. <b>1-DEC-15</b> Last L eastern part) Bering S COCEAN (EASTERN	and privately mair Corrections appe rrected. The follow Horizontal Datum Reference I NAD 83 ER ary in nature. Cou . The nominal rat . The nominal rat Sea Continuation	ntained Aids to Na ear numerically by wing example exp Source of ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp NAD 83	vigation, as well as chart number, and lains individual eler Current Local Notice to Mar . I 27/97 09.001N 074-02-44 opensed in nautical CGD17 from 57-00 to 57-02 CGD17 from 51-39	pertain to that cha nents of a typical iners 8.001W ees clockwise fror miles (NM) unless -56.000N -01.000N -36.625N	n 000 true. s otherwise r 177-42 177-28 172-03	noted. 24/24 2-11.000W 3-04.000W 3-51.496W
This se his section contain is up to the marine hart Chart umber Edition I I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2 remp) ADD . I Gi Corrective Action Temp) indicates the earings of light sec D S Chart Title: North CHART N RELOCATE RELOCATE	s corrective action Date 1 1 1 2 2 2 3 3 3 3	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners . I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 	and privately mair Corrections apper rrected. The follow Horizontal Datum Reference I NAD 83 ER ary in nature. Cou The nominal rat NM: 34/22 Sea Continuation PART). Page/Si	ntained Aids to Na ear numerically by wing example exp Source of ce Correction I . CGD01 at 40-41-( I . Position urses and bearing nge of lights is exp NAD 83 n ide: N/A	vigation, as well as chart number, and lains individual eler Current Local Notice to Mar . I 27/97 09.001N 074-02-44 opensed in nautical CGD17 from 57-00 to 57-02 CGD17 from 51-39	pertain to that cha nents of a typical iners 8.001W ees clockwise fror miles (NM) unless -56.000N -01.000N	n 000 true. s otherwise r 177-42 177-28 172-03	noted. 24/24 2-11.000W 3-04.000W
This se his section contain is up to the marine thart Chart umber Edition I . I 2327 91st Ec hart Title: NY-NJ-I Main Panel 2 Femp) ADD . I . Gi Corrective Action Femp) indicates the earings of light sec O S Chart Title: North CHART M RELOCATE RELOCATE Main Panel	s corrective action Date Date 1	orrections to federally a ons affecting chart(s). th chart(s) are to be con Last Local Notice to Mariners I Last LNM: 26/97 RBOR - RARITAN RIVE K HARBOR CK CHANNEL BUOY 3 rrective ection action is tempora the light from seaward. <b>1-DEC-15</b> Last L eastern part) Bering S C OCEAN (EASTERN a Lighted Buoy 46035	and privately mair Corrections apperrected. The follow Horizontal Datum Reference NAD 83 ER any in nature. Cou The nominal ran NM: 34/22 Sea Continuation PART). Page/Si	ntained Aids to Na ear numerically by wing example exp ce Correction  CGD01 at 40-41-0  Position urses and bearing nge of lights is exp NAD 83 n ide: N/A	CGD17 from 57-00 cGD17 from 57-00 cGD17 from 51-39 to 51-38 NOS	pertain to that cha nents of a typical iners 8.001W ees clockwise fror miles (NM) unless -56.000N -01.000N -36.625N	n 000 true. s otherwise r 177-42 177-28 172-03	noted. 24/24 2-11.000W 3-04.000W 3-51.496W

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LAST EDITION	coverage is available. Se Nautical Charts" in Section	500 will be published. It warger scale Electronic Navige "Cancellation of NOAA Paon I of this LNM for details. /www.charts.noaa.gov/MC	gational Chart (ENC) aper and Raster . A list of all canceled	NOS 	
	Ed. 01-JUN-09 fic Ocean West Coast Of 50 MEXICAN BORDER T				24/24
LAST EDITION	coverage is available. Se Nautical Charts" in Section	501 will be published. It warger scale Electronic Navige "Cancellation of NOAA Paon I of this LNM for details. /www.charts.noaa.gov/MC	gational Chart (ENC) aper and Raster . A list of all canceled	NOS 	
513 10th ChartTitle: Bering Sea	Southern Part	Last LNM: 26/22	NAD 83		24/24
Main Panel 24	03 BERING SEA SOUT	HERN PART Page/Sie	de: -		
RELOCATE	NOAA Data Lighted Buoy	46035		CGD17 from 57-00-56.000N to 57-02-01.000N CGD17	177-42-11.000W 177-28-04.000W
RELOCATE	NOAA Data Lighted Buoy	46072		from 51-39-36.625N to 51-38-25.000N NOS	172-03-51.496W 172-05-53.000W
LAST EDITION	coverage is available. Se Nautical Charts" in Section	513 will be published. It warger scale Electronic Navige "Cancellation of NOAA Pan I of this LNM for details."/www.charts.noaa.gov/MC	gational Chart (ENC) aper and Raster . A list of all canceled		
514 9th E ChartTitle: Bering Sea	• • • • • • • •	Last LNM: 01/18	NAD 83		24/24
Wain Panel 24	U4 DERING SEA NURTH	ERN PART Page/Sid	e: -	NOS	
LAST EDITION	coverage is available. Se Nautical Charts" in Section	514 will be published. It warger scale Electronic Navige "Cancellation of NOAA Paon I of this LNM for details. /www.charts.noaa.gov/MC	gational Chart (ENC) aper and Raster . A list of all canceled		
	Ed. 01-DEC-15 rica West Coast San Die 05 SAN DIEGO TO ALEU	-		ne/Side: A	24/24
				CGD17	
RELOCATE	NOAA Data Lighted Buoy	46035		from 57-00-56.000N to 57-02-01.000N CGD17	177-42-11.000W 177-28-04.000W
RELOCATE	NOAA Data Lighted Buoy		ill ha ann achd an 04	from 51-39-36.625N to 51-38-25.000N NOS	172-03-51.496W 172-05-53.000W
LAST EDITION	coverage is available. Se Nautical Charts" in Section	arger scale Electronic Nova e "Cancellation of NOAA Pa on I of this LNM for details. /www.charts.noaa.gov/MC	gational Chart (ENC) aper and Raster . A list of all canceled		-
16003 19th ChartTitle: Arctic Coa	st	Last LNM: 48/18	NAD 83		24/24
Main Panel 24	08 ARCTIC COAST F	-age/Side: -		NOC	
LAST EDITION	(ENC) coverage is availal Nautical Charts" in Section	16003 will be published. I or larger scale Electronic N ole. See "Cancellation of N on I of this LNM for details. //www.charts.noaa.gov/MC	avigational Chart OAA Paper and Raster . A list of all canceled	NOS 	
16004 13th	Ed. 01-MAY-15	Last LNM: 20/15	NAD 83		24/24

	ow to Herschel Island			
Main Panel 24	09 POINT BARROW TO HERSCHEL ISLAND. I	Page/Side: A	NOS	
LAST EDITION	No new editions of chart 16004 will be published 04-Sep-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
•	Ed. 01-DEC-18 Last LNM: 51/19 e of Wales to Pt. Barrow 10 CAPE PRINCE OF WALES TO POINT BARR	NAD 83		24/24
Walli Fallei 24	TO CAPE PRINCE OF WALES TO FOINT BARK	OW Page/Side	NOS	
LAST EDITION	No new editions of chart 16005 will be published 04-Sep-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
•	Ed. 01-NOV-18 Last LNM: 19/22 -eastern part;St. Matthew Island, Bering Sea;C 11 BERING SEA EASTERN PART Page/Sid	• • • •	lunivak Island	24/24
Waln Panel 24	TI DERING SEA EASTERN PART Page/Sic	ue: -	NOS	
LAST EDITION	No new editions of chart 16006 will be published 04-Sep-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
16011 39th	Ed. 01-DEC-15 Last LNM: 19/22	NAD 83		24/24
	hinsula and Aleutian Islands to Seguam Pass	NAD 03		24/24
Main Panel 24	15 ALASKA PENINSULA & ALEUTIAN ISLAND	S - SEGUAM PASS. Pa	ige/Side: A	
RELOCATE	NOAA Data Lighted Buoy 46072		CGD17 from 51-39-36.625N to 51-38-25.000N	172-03-51.496W 172-05-53.000W
LAST EDITION	No new editions of chart 16011 will be published 04-Sep-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Navigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 	
	lands Amukta Island to Attu Island	NAD 83		24/24
Main Panel 24	16 AMUKTA ISLAND TO ATTU ISLAND. Page/	Side: A	CGD17	
RELOCATE	NOAA Data Lighted Buoy 46072		from 51-39-36.625N to 51-38-25.000N NOS	172-03-51.496W 172-05-53.000W
LAST EDITION	No new editions of chart 16012 will be published 04-Sep-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Navigational Chart NOAA Paper and Raster ils. A list of all canceled		
	ias to Shumagin Islands;Semidi Islands	NAD 83		24/24
Main Panel 24	17 CAPE ST. ELIAS TO SHUMAGIN ISLANDS.	Page/Side: A	NOC	
LAST EDITION	No new editions of chart 16013 will be published 02-Oct-24. Comparable or larger scale Electronic (ENC) coverage is available. See "Cancellation of Nautical Charts" in Section I of this LNM for deta NOAA charts is at https://www.charts.noaa.gov/	Novigational Chart NOAA Paper and Raster ils. A list of all canceled	NOS 	
	ance to Cape St. Elias	NAD 83		24/24
	19 DIXON ENTRANCE TO CAPE ST. ELIAS. Pa	age/Side: N/A		
Main Panel 24			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.

16200 16th	Ed. 01-DEC-18	Last LNM: 51/19	NAD 83		24/24
ChartTitle: Norton Sou	Ind;Golovnin Bay				27/27
Main Panel 24	49 NORTON SOUND TO	BERING STRAIT F	Page/Side: -	NOS	
LAST EDITION	No new editions of chart 30-Oct-24. Comparable of (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https:,	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled		
Ū	St. Lawrence Island to	0	NAD 83		24/24
Main Panel 25	71 BERING SEA ST. LA	WRENCE ISLAND TO B	BERING STRAIT Pag	e/Side: - NOS	
LAST EDITION	No new editions of chart 30-Oct-24. Comparable of (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled		
•	onzof to St. Michael;St. I	2 / I I	•		24/24
Main Panel 24	54 CAPE ROMANZOF T	O ST. MICHAEL. Page	/Side: A	NOS	
LAST EDITION	No new editions of chart 30-Oct-24. Comparable of (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https:,	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled		
16300 10th I ChartTitle: Kuskokwin CHART KUSH	••••••••	Last LNM: 38/21	NAD 83		24/24
RELOCATE	Kuskokwim Bay Buoy 8			CGD17 from 59-46-46.862N to 59-46-32.111N	162-19-42.789W 162-19-42.712W
RELOCATE	Kuskokwim River Buoy 1	3		CGD17 from 59-57-18.404N to 59-56-58.340N	162-19-22.734W 162-18-57.023W
Main Panel 24	57 KUSKOKWIM BAY.	Page/Side: N/A			
LAST EDITION	No new editions of chart 30-Oct-24. Comparable of (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https:/	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled	NOS 	
16380 16th ChartTitle: Pribilof Isla	••••=	Last LNM: 05/15	NAD 83		24/24
Main Panel 24	65 PRIBILOF ISLANDS.	Page/Side: A		NOS	
LAST EDITION	No new editions of chart 30-Oct-24. Comparable ( (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https:/	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled		-
	Is Buldir Island to Attu Is		NAD 83		24/24
Main Panel 24	68 NEAR ISLANDS BUI	DIR ISLAND TO ATTU	ISLAND. Page/Side: A	NOS	
LAST EDITION	No new editions of chart 30-Oct-24. Comparable of (ENC) coverage is availa Nautical Charts" in Section NOAA charts is at https://	or larger scale Electronic ble. See "Cancellation of on I of this LNM for deta	Navigational Chart NOAA Paper and Raster NoAA Iist of all canceled		

•	Ed. 01-MAY-15 n Rocks to Attu Island 69 NEAR ISLANDS ING	Last LNM: 22/16 ENSTREM ROCKS TO A	NAD 83 NTTU I. Page/Side: A		24/24
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Secti	t 16421 will be published. or larger scale Electronic ible. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
	Ed. 01-DEC-15 Semisopochnoi Island 80 RAT ISLANDS. Page		NAD 83		24/24
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Secti	t 16440 will be published. or larger scale Electronic ible. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
•	Ed. 01-DEC-15 o Semisopochnoi Island 84 IGITKIN ISLAND TO		NAD 83 ND. Page/Side: A		24/24
	No new editions of char 30-Oct-24. Comparable (ENC) coverage is availa Nautical Charts" in Secti		It will be canceled on Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS	-
	Ed. 01-DEC-15 nd to Igitkin Island;Finc JTIAN ISLSAMUKTA IS	-		ilia Island	24/24
RELOCATE	NOAA Data Lighted Buo			CGD17 from 51-39-36.625N to 51-38-25.000N	172-03-51.496W 172-05-53.000W
Main Panel 24	99 AMUKTA ISLAND TO	DIGITKIN ISLAND. Page	e/Side: A		
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Secti	t 16480 will be published. or larger scale Electronic ible. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/M	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
16500 12th ChartTitle: Unalaska I.	to Amukta I.	Last LNM: 49/15	NAD 83		24/24
Wain Panel 25	07 UNALASKA I TO AM	UNTAI. Page/Side: A		NOS	
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Secti	t 16500 will be published. or larger scale Electronic ible. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		-
	Ed. 01-DEC-15 d Akutan Passes and ar 18 UNIMAK AND AKUT.	•	NAD 83		24/24
ADD		s is the Last Edition of thi		NOS 	
LAST EDITION	(ENC) coverage is availa Nautical Charts" in Secti	t 16520 will be published. or larger scale Electronic ible. See "Cancellation of on I of this LNM for detail //www.charts.noaa.gov/N	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
•	Islands to Sanak Island	•	NAD 83		24/24
Main Panel 25	28 SHUMAGIN ISLAND	S TO SANAK ISLANDS.	Page/Side: N/A	NOS	
				1100	

ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 04-Dec-24.	 NOS	
LAST EDITION	No new editions of chart 16540 will be published. It will be canceled on 04-Dec-24. Comparable or larger scale Electronic Navigational Chart (ENC) coverage is available. See "Cancellation of NOAA Paper and Raster Nautical Charts" in Section I of this LNM for details. A list of all canceled NOAA charts is at https://www.charts.noaa.gov/MCD/Dole.shtml.		
	Ed. 01-APR-15 Last LNM: 09/20 NAD 83 o Cape Kumlik, Alaska Pen. 44 WIDE BAY TO CAPE KUMLIK. Page/Side: A		24/24
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 04-Dec-24.	NOS 	
LAST EDITION	No new editions of chart 16568 will be published. It will be canceled on 04-Dec-24. 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 	
	Ed. 01-MAR-15 Last LNM: 34/22 NAD 83 nd;Southwest Anchorage, Chirikof Island 46 KODIAK ISLAND. Page/Side: A		24/24
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be	NOS 	
	canceled on 04-Dec-24.	NOS	
LAST EDITION	No new editions of chart 16580 will be published. It will be canceled on 04-Dec-24. 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.		
16640 25th	Ed. 01-OCT-11 Last LNM: 07/20 NAD 83		24/24
ChartTitle: Cook Inlet- Main Panel 25	southern part 70 COOK INLET SOUTHERN PART. Page/Side: N/A		
	-	NOS	
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 04-Dec-24.		
LAST EDITION	No new editions of chart 16640 will be published. It will be canceled on 04-Dec-24. 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 	
16660 31st I	Ed. 01-APR-12 Last LNM: 07/20 NAD 83		24/24
ChartTitle: Cook Inlet- Main Panel 25	northern part 79 COOK INLET NORTHERN PART. Page/Side: N/A		
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 04-Dec-24.	NOS 	
LAST EDITION	No new editions of chart 16660 will be published. It will be canceled on 04-Dec-24. 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 	
	Ed. 01-JUN-15 Last LNM: 23/15 NAD 83 gton to East Chugach Island 92 POINT ELRINGTON TO EAST CHUGACH ISL. Page/Side: A		24/24
	· ·	NOS	
ADD	Lower Left of Chart: This is the Last Edition of this chart. It will be canceled on 04-Dec-24.		
LAST EDITION	No new editions of chart 16680 will be published. It will be canceled on 04-Dec-24. 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 	

16700 32nd		Last LNM: 32/20	NAD 83		24/24
ChartTitle: Prince Will					
Main Panel 25	97 PRINCE WILLIAM SO	UND. Page/Side: N/A		NOC	
ADD	Lower Left of Chart: This canceled on 04-Dec-24.	is the Last Edition of th	is chart. It will be	NOS	
				NOS	
LAST EDITION	No new editions of chart 04-Dec-24. Comparable c (ENC) coverage is availab Nautical Charts" in Sectio NOAA charts is at https://	r larger scale Electronic le. See "Cancellation of n I of this LNM for deta	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		
16760 11th I ChartTitle: Cross Sou	•••••••	Last LNM: 34/20	NAD 83		24/24
Main Panel 26	13 CROSS SOUND TO Y	AKUTAT BAY. Page/S	ide: A		
	Lower Loft of Charts This	is the Last Edition of th	ia ahauti Thuuill ha	NOS	
ADD	Lower Left of Chart: This canceled on 04-Dec-24.	is the last Edition of th	is chart. It will be	NOS	
LAST EDITION	No new editions of chart	16760 will be published	. It will be canceled on		
	04-Dec-24. Comparable c (ENC) coverage is availab Nautical Charts" in Sectio NOAA charts is at https://	r larger scale Electronic le. See "Cancellation of n I of this LNM for deta	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		
17300 32nd	Ed. 01-OCT-12	Last LNM: 29/21	NAD 83		24/24
	Passage to Cross Sound,				24/24
	17 STEPHENS PASSAGE			L. Page/Side: N/A	
				NOS	
ADD	Lower Left of Chart: This canceled on 04-Dec-24.	is the Last Edition of th	is chart. It will be		
	canceled on 04-Dec-24.			NOS	
LAST EDITION	No new editions of chart 04-Dec-24. Comparable of (ENC) coverage is availab Nautical Charts" in Sectio NOAA charts is at https://	r larger scale Electronic le. See "Cancellation of n I of this LNM for deta	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		
17320 20th ChartTitle: Coronation	Ed. 01-FEB-17 Island to Lisianski Strai	Last LNM: 09/22 t	NAD 83		24/24
Main Panel 264	44 CORONATION ISLAN	D TO LISIANSKI STRA	IT. Page/Side: A	NOC	
ADD	Lower Left of Chart: This canceled on 04-Dec-24.	is the Last Edition of th	is chart. It will be	NOS	
				NOS	
LAST EDITION	No new editions of chart 04-Dec-24. Comparable c (ENC) coverage is availab Nautical Charts" in Sectio NOAA charts is at https://	or larger scale Electronic le. See "Cancellation of n I of this LNM for deta	Navigational Chart NOAA Paper and Raster Is. A list of all canceled		
17360 37th	Ed. 01-JUN-15	Last LNM: 31/22	NAD 83		24/24
ChartTitle: Etolin Islan	d to Midway Islands, inc 79 ETOLIN ISL TO MIDW	luding Sumner Strait;	lolkham Bay;Big Castle		
			-	NOS	
ADD	Lower Left of Chart: This canceled on 04-Dec-24.	is the Last Edition of th	is chart. It will be		
LAST EDITION	No new editions of chart 04-Dec-24. Comparable c (ENC) coverage is availab Nautical Charts" in Sectio NOAA charts is at https://	r larger scale Electronic le. See "Cancellation of n I of this LNM for deta	Navigational Chart NOAA Paper and Raster Is. A list of all canceled	NOS 	
•	Ed. 01-MAR-15 arbor and approaches;W 07 WRANGELL HARBOF	•	NAD 83 Page/Side: A		24/24
				NOS	
CANCELED	Chart 17384 is canceled.	No Print-on Demand or	digital raster formats of		

Ref. LNM

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

	Ed. 01-JUL-20 rance to Chatham Strait	Last LNM: 28/20	NAD 83		24/24
Main Panel 27	15 DIXON ENTRANCE	TO CHATHAM STRAIT	Page/Side: -		
				NOS	
ADD	Lower Left of Chart: Thi canceled on 04-Dec-24.	s is the Last Edition of t	his chart. It will be		
				NOS	
LAST EDITION		or larger scale Electron ble. See "Cancellation of on I of this LNM for det	ic Navigational Chart If NOAA Paper and Raster ails. A list of all canceled	-	
17420 29th					24/24
		Last LNM: 34/18	NAD 83		24/24
	ait to Etolin Island, inclu	iding Behm and Portla	nd Canals		27/27
		iding Behm and Portla	nd Canals		24/24
Main Panel 27	ait to Etolin Island, inclu 29 HECATE STRAIT TO	iding Behm and Portla ETOLIN ISLAND. Pag	nd Canals ge/Side: N/A	NOS	24/24
	ait to Etolin Island, inclu	iding Behm and Portla ETOLIN ISLAND. Pag	nd Canals ge/Side: N/A	NOS 	
Main Panel 27 ADD	ait to Etolin Island, inclu 29 HECATE STRAIT TO Lower Left of Chart: Thi	ding Behm and Portla ETOLIN ISLAND. Pages is the Last Edition of t	nd Canals ge/Side: N/A his chart. It will be	NOS  NOS	

# **SECTION V - ADVANCE NOTICES**

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

**OIL RIG MOVEMENT Drill Rigs/Vessels Removed** 

**Drill Rigs/Vessels Established** 

Chart

Chart

Туре

Туре

**Rigs/Vessel** 

**Rigs/Vessel** 

## SUMMARY OF ADVANCED APPROVED PROJECTS

### Approved Project(s) None

# Advance Notice(s)

Latitude

None

Latitude

None

### 690 ALASKA - SOUTHEAST - SITKA

Longitude

Longitude

The Coast Guard intends to rename and upgrade Japonski Island Buoy 2 (LLNR 25025.51) to Japonski Island Lighted Buoy 2 (LLNR 25025.51) with a red flash every 4 seconds (R 4s). Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil. LNM: 38/20

The Coast Guard is intends to publish on charts and in the Light List an obscured sector for Five Finger Light (LLNR 23280). The obscured sector is from 332° – 352° true. This obscured sector currently exists for the aid. Mariners with comments or concerns are requested to contact 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: 24/24

Status

Status

**Project Date** 

Block

Block

ALASKA - SOUTHEAST - STEPHENS PASSAGE

## SECTION VI - PROPOSED CHANGES

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

### PROPOSED WATERWAY PROJECTS OPEN FOR PUBLIC COMMENT

# Proposed Project(s)

None

58

59

61

159

## 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

ALASKA - SOUTHCENTRAL - COOK INLET - HOMER HARBOR

ALASKA - SOUTHEASTERN - LISIANSKI INLET

**SECTION VII - GENERAL** 

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

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.

### ALASKA - WESTERN - NORTON SOUND - NOME HARBOR Alaska Marine Excavation, LLC. will be conducting dredging operations in the Nome Inner and Outer Harbor and Entrance Channel commencing at the ice-out, operating 24 hours a day, 7 days a week and concluding by July 25th, 2024. The dredge ALASKAN HAWK is a 75' cutter head suction dredge, red and black in color, with a partially submerged pipeline. The pipeline will be marked where it exits the harbor on the beach and the pipeline's anchors will be marked by buoys. The dredge ALASKAN HAWK and tug Oosik will be working on VHF/FM channel 79 and monitoring VHF/FM channels 13 and 16. Questions/concerns can also be directed to Brok Shafer with Alaska Marine Excavation, LLC at (907) 399-4549 or by email to brok@akmx.com.

Alaska Marine Excavation, LLC. will be conducting dredging operations in the Homer Harbor Entrance and USCG Hickory berth starting April 15 2024 thru May 1st 2024 and resuming on September 1st 2024 thru October 11th, 2024. Dredging operations will continue 24 hours a day. The dredge COMMANDER is a 58' cutter head suction dredge, red and yellow in color, with a partially submerged pipeline. The pipeline will be marked where it exits the harbor on the beach and the pipeline's anchors will be marked by buoys. The dredge COMMANDER and tug Growler will be working on VHF/FM channel 79 and monitoring VHF/FM channels 13 and 16. Questions/concerns can also be directed to Brok Shafer with Alaska Marine Excavation, LLC at (907) 399-4549 or by email to brok@akmx.com. LNM: 13/24

Alaska Marine Excavation, LLC. will be conducting dredging operations in the Dillingham Harbor commencing approximately May 10th, 2024 operating 24 hours a day, 7 days a week and concluding by June 25th, 2024. The dredge ALASKAN EAGLE and the tug LEROY will be working on VHF/FM channel 79 and will be monitoring VHF/FM channels 13 and 16. Dredging will not impair boat traffic, but mariners should use caution, operate at no-wake speeds, and contact the dredge ALASKAN EAGLE for safe passing arrangements when transiting the area. Ouestions/concerns can also be directed to Brok Shafer at (907) 399-4549 or by email to brok@akmx.com.

The Lisianski Inlet Daybeacon 4 was destroyed. A temporary Unlighted Buoy has been relocated to 58° 02-06.520N 136° 21-54.860W to best mark waterway. Unit will plan for permanaent correction weather and operations permitting. All mariners are reminded to exercise caution when transiting the area. 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. Chart 17300

ALASKA - SOUTHWESTERN - BRISTOL BAY - NUSHUGAK BAY - DILLINGHAM

# **SECTION VIII - LIGHT LIST CORRECTIONS**

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

(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	
No.	Name and Location	Position	Characteristic	Height	Range	Structure	Remarks	
1198	NOAA Data Lighted Buoy 46035	57-02-01.000N 177-28-04.000W	Fl (4)Y 20s			Yellow disc shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.	24/24

Closing

Docket No. Ref. LNM

INM: 26/18

LNM: 13/24

LNM: 13/24

LNM: BNM J 273-23

SECT	TION VIII - LIGHT LIST COR	RECTIONS (Continu	ued)					
(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
27510	NOAA Data Lighted Buoy 46072	51-38-25.000N 172-05-53.000W	Fl (4)Y 20s			Yellow boat-shaped hull.	Aid maintained by National Oceanic and Atmospheric Administration.	24/24
27840	Kuskokwim Bay Buoy 8	* 59-46-32.111N 162-19-42.712W				Red nun.	Maintained from June 1 to October 1.	24/24
27844	Kuskokwim River Buoy 13	* 59-56-58.340N 162-18-57.023W				Green can.	Maintained from June 1 to October 1.	24/24
27846.5	Kuskokwim River Buoy 23	* 60-11-24.019N 162-21-00.853W				Green can.	Maintained from June 1 to October 1.	24/24
27847.7	Kuskokwim River Buoy 28	* 60-16-27.814N 162-27-41.106W						24/24
* 27848	* Kuskokwim River Buoy 29	* 60-16-47.623N 162-28-41.323W	*	*	*	* Green can.	* Maintained from June 1 to October 1.	24/24
27848.7	Kuskokwim River Buoy 32	* 60-20-19.361N 162-30-39.361W				Red nun.	Maintained from June 1 to October 1.	24/24
27849.7	Kuskokwim River Buoy 36	* 60-21-22.264N 162-27-34.197W				Red nun.	Maintained from June 1 to October 1.	24/24
27850	Kuskokwim River Buoy 37	* 60-20-38.503N 162-24-36.245W				Green can.	Maintained from June 1 to October 1.	24/24
27850.5	Kuskokwim River Buoy 39	* 60-20-45.374N 162-21-54.260W				Green can.	Maintained from June 1 to October 1.	24/24
27852	Kuskokwim River Buoy 45	* 60-25-29.037N 162-21-55.132W				Green can.	Maintained from June 1 to October 1.	24/24
27854.5	Kuskokwim River Buoy 55	* 60-31-56.273N 162-17-01.453W				Green can.	Maintained from June 1 to October 1.	24/24

# PUBLICATION CORRECTIONS

None

ALASKA

\*

2424 Subsurface Buoys.pdf

ENCLOSURES

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

## ALASKA - ARCTIC - ARCTIC OCEAN

AL21-AU-PH1

67°54.507'N, 168°11.926'W

W. Barrow Canvon 71°37.868'N, 157°19.576'W

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	72°27.655'N, 157°23.774'W	780 feet	731 feet	39/10	Ethan Roth ehroth@ucsd.edu
N/A	72° 47.939'N, 158°23.941'W	1,066 feet	1.017 feet	39/10	Ethan Roth ehroth@ucsd.edu
N/A	72°07.275'N, 160"29.698'W	131 feet	115 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°09.747'N, 159°07.349'W	167 feet	85 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°10.875'N, 159°33.117'W	184 feet	95 feet	35/12	Thomas Weingartner 907-474-7993
N/A	72°41.745'N, 164°31.935'W	N/A	151 feet	35/12	N/A
N/A	72°31.517'N, 164°05.944'W	N/A	164 feet	35/12	N/A
N/A	72°16.850'N, 163°32.034'W	N/A	131 feet	35/12	N/A
HARP C2	72° 48.154'N, 158°25.384'W	1,062 feet	979 feet	48/15	Josh Jones 858-822-1836
HARP D	72° 36.925'N, 158°42.177'W	323 feet	237 feet	48/15	Josh Jones 858-822-1836
AIM16-1	75°06.003'N, 168°00.004'W	535 feet	142 feet	44/16	Dr. Humfrey Melling 250-363-6552
NAP-20t	74°31.370'N, 161°55.880'W	5,528 feet	142 feet	42/20	Motoyo ITOH +81-46-867-9488
AMOS-VLF-1	·	· · · · · · · · · · · · · · · · · · ·	230 feet	35/22	Craig Lee, craiglee@uw/edu
	77°29.600'N, 140°10.800'W	12,264 feet			
AMOS-C	76°24.800'N, 142°28.200'W	12,326 feet	131 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-NW	76°08.800'N, 145°17.000'W	12,441 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-NE	75°46.400'N, 141°30.800'W	12,251 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-B	75°30.000'N, 144°08.400'W	12,379 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-SE	74°52.500'N, 143°05.200'W	12,241 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-SW	75°13.000'N, 146°40.600'W	12,464 feet	328 feet	35/22	Craig Lee, craiglee@uw/edu
AMOS-A	74°35.300'N, 145°32.700'W	12,339 feet	131 feet	35/22	Craig Lee, craiglee@uw/edu
CINIDA ADO					
CANADA – ARCI	TIC – BEAUFORT SEA				
TYPE/NAME:	POSITION:	WATED DEDTH.	TOP FLOAT DEPTH:	Ref. LNM:	POC:
ACW16-30		242 feet	231 feet	44/16	
	68°59.173'N, 105°53.030'W				Dr. Humfrey Melling 250-363-6552 Dr. Humfrey Melling 250-363-6552
CB12	70°33.770'N, 127°41.710'W	125 feet	116 feet	44/16	
IBO16-1a	70°20.031'N, 133°44.369'W	180 feet	171 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-1b	70°20.035'N, 133°44.452'W	180 feet	171 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-2	70°59.359'N, 133°44.636'W	365 feet	146 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-9a	70°03.534'N, 133°42.918'W	116 feet	106 feet	44/16	Dr. Humfrey Melling 250-363-6552
IBO16-9b	70°03.501'N, 133°42.937'W	116 feet	106 feet	44/16	Dr. Humfrey Melling 250-363-6552
SIC16-11	69°46.483'N, 137°02.757'W	117 feet	107 feet	44/16	Dr. Humfrey Melling 250-363-6552
HI16	69°39.284'N, 138°55.279'W	134 feet	125 feet	44/16	Dr. Humfrey Melling 250-363-6552
ALASKA ADTC	TC – BEAUFORT SEA				
ALASKA – AKIC	IC - 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
	°29'16.8864''N, 147°30'00.3528''V		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		344 feet	131 feet	42/19	
	71°40.368'N, 154°59.923'W	951 feet	131 feet	42/19	Motoyo ITOH +81-46-867-9488
BCC-19 BCW-19	71°44.049'N, 155°09.624'W	554 feet	131 feet	42/19	Motoyo ITOH +81-46-867-9488
	71°47.766'N, 155°20.777'W				Motoyo ITOH +81-46-867-9488
Prudhoe	70°50.085'N, 146°23.564'W	207 feet	191 feet	03/22	Steve Okkonen 907-283-3234
AL23-AU-BF02	71°45.243'N, 154°28.560'W	344 feet	312 feet	40/23	Catherine Berchok 206-526-6331
AL23-AU-IC01	70°50.100'N, 163°07.540'W	148 feet	115 feet	40/23	Catherine Berchok 206-526-6331
ALASKA – ARCT	IC – CHUKCHI SEA				
TYPE/NAME:	POSITION:	WATER DEDTU.	TOP FLOAT DEPTH:	Ref. LNM:	POC:
Unnamed		138 feet	Surface	28/15	Noah Lawrence 206-526-6209
	71°14.459'N, 164°18.067'W	138 feet			
2015MARU_2	71°29.792'N, 163°11.449'W		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

171 feet

230 feet

138 feet

214 feet

49/21

03/22

Catherine Berchok 206-526-6331

Steve Okkonen 907-283-3234

## ALASKA - ARCTIC - CHUKCHI SEA (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH	TOP FLOAT DEPTH:	Ref. LNM:	POC:
WhoopDeeDo	71°25.327'N, 152°44.103'W	269 feet	253 feet	03/22	Steve Okkonen 907-283-3234
AL23-AU-PB01	71°12.258'N, 157°59.970'W	161 feet	128 feet	40/23	Catherine Berchok 206-526-6331
AL23-AU-IC02	71°12.880'N, 164°14.910'W	141 feet	108 feet	40/23	Catherine Berchok 206-526-6331
AL23-AU-IC03	71°49.840'N, 166°01.090'W	144 feet	112 feet	40/23	Catherine Berchok 206-526-6331
23CKP-1A	50°50.230'N, 163°07.521'W	144 feet	115 feet	41/23	David Strausz 206-526-4510
23CKP-2A	71°12.934'N, 164°15.024'W	144 feet	118 feet	41/23	David Strausz 206-526-4510
23CKP-3A	71°49.656'N, 166°01.127'W	144 feet	121 feet	41/23	David Strausz 206-526-4510
23CKP-4A	71°02.700'N, 160°29.404'W	167 feet	135 feet	41/23	David Strausz 206-526-4510
23CKP-5A	71°12.500'N, 158°00.000'W	161 feet	141 feet	41/23	David Strausz 206-526-4510
23CKP-9A	72°28.201'N, 15634.203'W	3,018 feet	886 feet	41/23	David Strausz 206-526-4510
23CKP-12A	67°54.348'N, 168°10.853'W	190 feet	148 feet	41/23	David Strausz 206-526-4510
23CKV-12A	67°54.624'N, 168°10.875'W	190 feet	108 feet	41/23	David Strausz 206-526-4510
23CKP-15A	72°18.590'N, 167°16.250'W	157 feet	128 feet	41/23	David Strausz 206-526-4510
ALASKA WEST	ERN – KOTZEBUE SOUND				
ALASKA – WEST	EKN – KUIZEBUE SOUND				
TYPE/NAME:	POSITION:	WATER DEPTH	TOP FLOAT DEPTH:	Ref I NM·	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 – WEST	ERN – BERING STRAIT				
TYPE/NAME:	POSITION:		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
AL ASKA – WEST	ERN – NORTON SOUND				
		WATER DEPTH	ΤΟΡ FLOAT DEPTH	Ref LNM	POC
TYPE/NAME:	POSITION:		TOP FLOAT DEPTH: Surface		POC: James Behrens 858-534-3032
		WATER DEPTH: 66 feet	TOP FLOAT DEPTH: Surface	Ref. LNM: 36/20	POC: James Behrens 858-534-3032
TYPE/NAME: Station-241	POSITION:				
TYPE/NAME: Station-241	POSITION: 64°28.365'N, 165°28.525'W	66 feet	Surface		
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME:	POSITION: 64°28.365'N, 165°28.525'W	66 feet WATER DEPTH:	Surface TOP FLOAT DEPTH:	36/20 Ref. LNM:	James Behrens 858-534-3032 POC:
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy	POSITION: 64°28.365'N, 165°28.525'W <b>HWESTERN – BERING SEA</b> POSITION: 58°28.015'N, 162°04.779'W	66 feet WATER DEPTH: 126 feet	Surface TOP FLOAT DEPTH: Surface	36/20 Ref. LNM: 25/19	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W	66 feet WATER DEPTH: 126 feet 312 feet	Surface TOP FLOAT DEPTH: Surface 282 feet	36/20 Ref. LNM: 25/19 28/19	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet	36/20 Ref. LNM: 25/19 28/19 43/21	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-UM01	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet 302 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 167°23.945'W 56°15.340'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet 302 feet 328 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-DK01 AL22-AU-BS10 SPOT-1048	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 302 feet 328 feet Surface	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet 302 feet 328 feet Surface Surface	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 25/22 21/23 21/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1003	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.151'N, 174°05.393'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet 300 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 203 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 168°17.361'W 58°24.700'N, 168°18.767'W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet 302 feet 328 feet Surface Surface Surface 135 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-DS10 SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.151'N, 174°05.393'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 203 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-BC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-1048 SPOT-1003 AL23-AU-BS11 AL23-AU-M08	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 56°07.760'N, 168°18.767'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.512'N, 174°15.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 505 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 21/23 36/23 40/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-6331
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 167°24.272'W 56°09.702'N, 166°4.707'W 52°12.092'N, 174°11.30'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 164°03.290'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4531 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-D01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 164°03.290'W 57°51.983'N, 168°52.432'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 33 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4530 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4531 David Strausz 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-5A 23BS-5A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°53.164'W 57°51.983'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 236 feet 236 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BS-5A 23BSP-14A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 167°23.945'W 56°15.340'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°55.150'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 236 feet 138 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-6331 David Strausz 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-UM01 AL22-AU-BS10 SPOT-1048 SPOT-10	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.232'N, 174°11.297'W 52°11.286'N, 174°40.585'W 61°05.030'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.168'W, 171°42.149'W 64°00.251'N, 167°55.150'W 62°12.107'N, 174°39.660'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 236 feet 138 feet 236 feet 138 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet 66 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4539 Catherine Berchok 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-1048 SPOT-1048 SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-14A 23BSITAER-8A 23BS-8A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.530'N, 164°03.290'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°52.230'N, 168°52.432'W 57°52.230'N, 168°52.432'W 57°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°55.150'W 62°12.107'N, 174°39.660'W 62°11.895'N, 174°39.760'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 387 feet 42 feet 300 feet 161 feet 243 feet 243 feet 243 feet 243 feet 243 feet 236 feet 138 feet 236 feet 138 feet 240 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet 66 feet 43 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 25/22 21/23 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4539 Catherine Berchok 206-526-4510 David Strausz 206-
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-1048 SPOT-1048 SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-14A 23BSP-14A 23BST-8A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.511'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°52.432'W 57°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°55.150'W 62°12.107'N, 174°39.660'W 62°12.002'N, 174°40.782'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 531 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 236 feet 138 feet 138 feet 240 feet 240 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 33 feet 49 feet 92 feet 66 feet 43 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4539 Catherine Berchok 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-14A 23BST-8A 23BST-8A 23BST-8A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°24.272'W 56°09.702'N, 166°4.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.511'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°55.150'W 62°12.107'N, 174°39.660'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.782'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 244 feet 245 feet 246 feet 247 feet 246 feet 247 feet 246 feet 246 feet 246 feet 246 feet 246 feet 246 feet 246 feet 247 feet 246 feet 240 feet 240 feet 240 feet 240 feet 240 feet 240 feet 240 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet 66 feet 43 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4539 Catherine Berchok 206-526-4510 David Strausz 206-526-4510
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-4A 23BSP-5A 23BSP-14A 23BST-8A 23BST-8A 23BST-8A 23BST-8A 23BSV-8A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.130'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.151'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°52.432'W 57°55.168'W, 171°42.149'W 64°00.251'N, 167°55.150'W 62°12.107'N, 174°39.660'W 62°11.895'N, 174°39.660'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.558'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 244 feet 240 feet 240 feet 240 feet 240 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet 66 feet 43 feet 197 feet 203 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4531 David Strausz 206-526-4510 David Strausz 206-526-
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-4A 23BSP-14A 23BST-8A 23BST-8A 23BST-8A 23BST-8A 23BSV-8A AL23-AU-NM01	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53'37.775'N, 167'23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°52.432'W 57°52.230'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°35.150'W 62°12.107'N, 174°39.60'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.588'W 62°12.002'N, 174°40.588'W 62°12.039'N, 174°40.588'W 62°12.339'N, 174°39.890'W 64°51.481'N, 168°26.882'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 200 feet 197 feet 49 feet 92 feet 66 feet 43 feet 197 feet 203 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4530 David Strausz 206-526-4510 David Strausz 206-526-
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-5A 23BSP-5A 23BST-8A 23BST-8A 23BST-8A 23BSV-8A AL23-AU-NM01 24BSPR-2A	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53°37.775'N, 167°23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°52.432'W 57°52.230'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.168'W, 171°42.952'W 59°55.168'W, 171°42.952'W 59°55.168'W, 171°42.952'W 59°55.168'N, 174°39.60'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.558'W 62°12.339'N, 174°40.558'W 62°12.339'N, 174°40.558'W 62°12.339'N, 174°40.558'W 62°12.339'N, 174°40.558'W 62°12.339'N, 174°39.890'W 64°51.481'N, 168°26.882'W 56°52.066'N, 164°03.511'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 240 feet 240 feet 240 feet 240 feet 240 feet 144 feet UNK	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet Surface Surface 135 feet 197 feet 33 feet 33 feet 97 feet 49 feet 92 feet 66 feet 43 feet 197 feet 200 feet 197 feet 200 feet 197 feet 49 feet 92 feet 66 feet 43 feet 197 feet 203 feet 197 feet 203 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 21/23 21/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4539 Catherine Berchok 206-526-4510 David Strausz 206-526-4510 Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 Strausz 206-526-4510 David Strausz 206-526-4510 David Strausz 206-526-4510 Strausz 206-526-4510 David Strausz 206-526-4510 No Strausz 206-526-4510 David Strau
TYPE/NAME: Station-241 ALASKA – SOUT TYPE/NAME: GPS Tide Buoy AL19-AU-BS6 PUF-18 PUF-19 22BSP-2A AL22-AU-PC01 AL22-AU-PC01 AL22-AU-BS10 SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1048 SPOT-31042C SPOT-1003 AL23-AU-BS11 AL23-AU-BS11 AL23-AU-M08 23BS-2C 23BS-4A 23BSP-4A 23BSP-5A 23BSP-4A 23BSP-14A 23BST-8A 23BST-8A 23BST-8A 23BST-8A 23BSV-8A AL23-AU-NM01	POSITION: 64°28.365'N, 165°28.525'W HWESTERN – BERING SEA POSITION: 58°28.015'N, 162°04.779'W 53'37.775'N, 167'23.945'W 56°15.340'N, 168°17.361'W 58°24.700'N, 167°36.900'W 56°51.818'N, 164°03.693W 56°07.760'N, 168°18.767'W 53°37.870'N, 167°24.272'W 56°09.702'N, 166°34.707'W 52°12.092'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.532'N, 174°11.297'W 52°11.51'N, 174°05.393'W 61°05.030'N, 170°15.850'W 62°12.286'N, 174°40.585'W 56°51.630'N, 168°52.432'W 57°51.983'N, 168°52.432'W 57°52.230'N, 168°53.164'W 59°55.168'W, 171°42.952'W 59°55.677'N, 171°42.149'W 64°00.251'N, 167°35.150'W 62°12.107'N, 174°39.60'W 62°12.002'N, 174°40.782'W 62°12.002'N, 174°40.588'W 62°12.002'N, 174°40.588'W 62°12.039'N, 174°40.588'W 62°12.339'N, 174°39.890'W 64°51.481'N, 168°26.882'W	66 feet WATER DEPTH: 126 feet 312 feet 506 feet 167 feet 230 feet 328 feet 387 feet 60 feet 42 feet 300 feet 161 feet 230 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 243 feet 240 feet	Surface TOP FLOAT DEPTH: Surface 282 feet 505feet 166 feet 203 feet 302 feet 328 feet 328 feet Surface Surface Surface 135 feet 197 feet 33 feet 33 feet 197 feet 49 feet 92 feet 66 feet 43 feet 197 feet 203 feet 197 feet	36/20 Ref. LNM: 25/19 28/19 43/21 43/21 20/22 25/22 25/22 25/22 21/23 21/23 21/23 36/23 40/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23 41/23	James Behrens 858-534-3032 POC: NOAAS FAIRWEATHER 401-378-4022 Catherine Berchok 206-526-6331 Thomas Vanpelt 907-242-7725 Thomas Vanpelt 907-242-7725 David Strausz 206-526-4510 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Stephanie Grassia 206-526-4539 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Erik Oppegard 907-717-7025 Stephanie Grassia 206-526-4539 Catherine Berchok 206-526-4530 David Strausz 206-526-4510 David Strausz 206-526-

## ALASKA – SOUTHWESTERN – UNIMAK PASS

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
AL22-AU-UN01	54°26.150'N, 165°16.310'W	528 feet	502 feet	25/22	Stephanie Grassia 206-526-4539

## ALASKA – SOUTHWESTERN – 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 - SOUTHCENTRAL - GULF OF ALASKA - ALEUTIAN PENINSULA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
GA23-AU-SU01	56°35.990'N, 157°00.000'W	427 feet	400 feet	41/23	Catherine Berchok 206-526-6331

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

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
GA23-AU-SE01	58°42.540'N, 152°12.530'W	430 feet	404 feet	41/23	Catherine Berchok 206-526-6331

### ALASKA - SOUTHCENTRAL - 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"V	V 16 feet	13 feet	03/18	Jason Crockett 907-315-6513
ADCP-B	59°15'24.7255"N, 154°02'45.7066"W	V 43 feet	39 feet	03/18	Jason Crockett 907-315-6513

### ALASKA - SOUTHCENTRAL - GULF OF ALASKA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
UAF GAK4M	59°24.231'N, 149°00.731'W	656 feet	328 feet	45/16	Dr. Andrew McDonnell 907-474-7529
WAVE YB-1	59°27'22.248"N, 139°45'02.088"W	UNK	Surface	29/17	Jeremy Kasper 907-371-6510
WAVE YB-2	59°26'58.7349"N, 139°47'46.3194"W	V UNK	Surface	29/17	Jeremy Kasper 907-371-6510
GEO1-2019	59°00.850'N, 148°41.410'W	722 feet	Surface	29/19	Seth Danielson 907-474-7834
GEO2-2019	59°00.917'N, 148°41.604'W	722 feet	72 feet	29/19	Seth Danielson 907-474-7834
GEO3-2019	59°00.988'N, 148°41.797'W	722 feet	Surface	29/19	Seth Danielson 907-474-7834
AOOS-204	59°35.850'N, 151°49.746'W	111 feet	Surface	32/21	James Behrens 858-534-3032
GA23-AU-BT01	57°01.760'N, 152°59.690'W	253 feet	230 feet	34/23	Catherine Berchok 206-526-6331
GA23-AU-SN01	53°58.360'N, 161°40.070'W	1,375 feet	243 feet	34/23	Catherine Berchok 206-526-6331
GA23-AU-CR0	55°34.340'N, 154°58.460'W	1,319 feet	233 feet	34/23	Catherine Berchok 206-526-6331
GA23-AU-SM0	1 53°07.960'N, 168°55.210'W	433 feet	400 feet	38/23	Catherine Berchok 206-526-6331
GA23-AU-PT01	54°38.200'N, 150°21.160'W	2,438 feet	233 feet	38/23	Catherine Berchok 206-526-6331
23CB-1A	57°43.456'N, 152°17.001'W	545 feet	472 feet	41/23	David Strausz 206-526-4510
23SH-1A	54°51.177'N, 158°59.481'W	256 feet	203 feet	41/23	David Strausz 206-526-4510
24UPP-3A	54°18.400'N, 164°45.100'W	243 feet	217 feet	24/24	David Strausz 206-526-4510

### ALASKA - SOUTHCENTRAL - 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 - SOUTHCENTRAL - PRINCE WILLIAM SOUND

TYPE/NAME:	POSITION:	WATER DEPTH	I: 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 1	97 feet (Surfacing 2X per d	lay) 15/16	R. W. Campbell 907-424-5800 x241
H01	60°20.550'N, 146°43.824'W	98 feet	66 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HA	60°20.274'N, 146°43.248'W	591 feet	532 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H02	60°20.400'N, 146°44.520'W	879 feet	791 feet	09/17	Mary Anne Bishop 907-424-5800 x228
HB	60°20.094'N, 146°43.974'W	830 feet	747 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H03	60°20.250'N, 146°45.246'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H04	60°20.112'N, 146°45.966'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H05	60°19.968'N, 146°46.710'W	886 feet	797 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H06	60°19.812'N, 146°47.418'W	896 feet	806 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H07	60°19.668'N, 146°48.138'W	909 feet	818 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H08	60°19.470'N, 146°48.954'W	935 feet	842 feet	09/17	Mary Anne Bishop 907-424-5800 x228
H09	60°19.320'N, 146°49.782'W	1007 feet	906 feet	09/17	Mary Anne Bishop 907-424-5800 x228

## ALASKA - SOUTHCENTRAL - PRINCE WILLIAM SOUND (Continued)

TYPE/NAME:	POSITION:	WATER DEDTH	TOP FLOAT DEPTH:	Ref. LNM:	POC:
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 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
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 ED04	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 POWP05	59°59.364'N, 148°06.492'W	246 feet 312 feet	214 feet 280 feet	09/17 09/17	Mary Anne Bishop 907-424-5800 x228 Mary Anne Bishop 907-424-5800 x228
LPB	60°02.778'N, 148°07.470'W 59°58.758'N, 148°02.676'W	289 feet	257 feet	09/17	Mary Anne Bishop 907-424-5800 x228 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 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 53 feet	16/17	Mary Anne Bishop 907-424-5800 x228
Grav-RT2 Grav-RT3	60°41.071'N, 146°23.896'W 60°41.090'N, 146°23.765'W	72 feet 74 feet	55 feet	16/17 16/17	Mary Anne Bishop 907-424-5800 x228 Mary Anne Bishop 907-424-5800 x228
RH1	60°36.987'N, 146°37.412'W	213 feet	203 feet	28/18	Mary Anne Bishop 907-424-5800 x228
RH2	60°38.175'N, 146°29.837'W	223 feet	203 feet	28/18	Mary Anne Bishop 907-424-5800 x228 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 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 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 – SOUTHCENTRAL – GULF OF ALASKA – YAKUTAT

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

## ALASKA – SOUTHEAST

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

## ALASKA – NORTH PACIFIC OCEAN

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