



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

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## LOCAL NOTICE TO MARINERS

**District: 17**

**Week: 30/16**

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

Issued by: Commander (DPW) Telephone: (907) 463-2269 (0800-1600)  
Seventeenth Coast Guard District After Hours: (907) 463-2000 (1600-0800)  
PO Box 25517, Juneau, AK 99802-5517  
<http://www.uscg.mil/d17/D17%20Divisions/dpw/dpw.asp>

Questions, comments, or additional information on this Local Notice to Mariners should be sent to the address above or by E-mail to: D17-PF-D17-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 <http://www.navcen.uscg.gov/?pageName=lnmDistrict&region=17>.

REFERENCES: Light List, Vol. VI, Pacific Coast and Pacific Islands (COMDTPUB P16502.6).  
U.S. Coast Pilot 8, Pacific Coast Alaska: Dixon Entrance to Cape Spencer, 37th Edition.  
U.S. Coast Pilot 9, Pacific and Arctic Coasts Alaska: Cape Spencer to Beaufort Sea, 33rd Edition.

### BROADCAST NOTICE TO MARINERS

Navigation information previously promulgated by CG Sector Juneau Broadcast Notice to Mariners through J119-16 and CG Sector Anchorage Broadcast Notice to Mariners through A129-16 that are still in effect are included in this notice.

#### Chart Corrections

[http://www.nauticalcharts.noaa.gov/mcd/updates/LNM\\_NM.html](http://www.nauticalcharts.noaa.gov/mcd/updates/LNM_NM.html)

#### Dates of Latest Editions, Nautical Charts, and Miscellaneous Maps

<http://www.nauticalcharts.noaa.gov/mcd/dole.htm>

#### Light List/ Summary of Corrections

<http://www.navcen.uscg.gov/index.php?pageName=lightLists>

NOAA Chart Viewer (Posting of all up to date NOAA charts for viewing on Internet browser to be used for ready reference or planning)

<http://www.nauticalcharts.noaa.gov/mcd/OnLineViewer.html>

#### NOAA Booklet Charts

<http://www.nauticalcharts.noaa.gov/staff/BookletChart.html>

Coast Pilots, along with corrections, are available at:

<http://nauticalcharts.noaa.gov/nsd/cpdownload.htm>

#### NOAA Weather Buoy Sites

<http://seaboard.ndbc.noaa.gov/Maps/wrldmap.shtml>

#### Tides online

<http://www.tidesonline.nos.noaa.gov>

#### Tides, Currents, PORTS

<http://www.co-ops.nos.noaa.gov>

#### Weather

<http://www.noaa.gov/wx.html>

Vessel Traffic System Prince William Sound (VTSPWS) Users Manual

[Http://homeport.uscg.mil/valdez](http://homeport.uscg.mil/valdez)

## ABBREVIATIONS

### A through H

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

### I through O

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

### P through Z

PRIV - Private Aid  
Q - Quick  
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

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## SECTION I - SPECIAL NOTICES

This section contains information of special concern to the Mariner.

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### 456 ALASKA – SOUTHEAST – SUMNER STRAIT AND NORTHERN CLARENCE STRAIT

The Coast Guard will be conducting maintenance on the Zarembo Island VHF High-Site on July 27th through July 29th, 2016. The Coast Guard will have no VHF coverage for Sumner Strait and Northern Clarence Strait during this period. All stations are requested to relay any distress calls or requests for assistance to the Coast Guard Sector Juneau Command Center at (907) 463-2980 or the nearest Coast Guard Unit.

LNM: 30/16

### 457 ALASKA – SOUTHEAST – CLARENCE STRAIT AND BEHM CANAL

The Coast Guard will be conducting maintenance on the Gravina Island VHF High-Site on July 27th through July 29th, 2016. The Coast Guard will have no VHF coverage for the Northern entrance to Behm Canal and Clarence Strait between Thorne Bay and Chasina Point during this period. All stations are requested to relay any distress calls or requests for assistance to the Coast Guard Sector Juneau Command Center at (907) 463-2980 or the nearest Coast Guard Unit.

LNM: 30/16

### 458 ALASKA – SOUTHCENTRAL – COOK INLET

OBSTRUCTION TO NAVIGATION: At 211500 UTC which is 0700 Alaska time on July 21st, 2016 the Coast Guard received a report of a vessel that sank approximately 3 NM from the mouth of the Kasilof River on Karluk Reef in approximate position 60°26.07'N, 151°26.21'W. Mariners are requested to transit the area with caution and report any sightings with an updated position to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 30/16

459 **ALASKA – SOUTHWESTERN – BRISTOL BAY**

OBSTRUCTION TO NAVIGATION: The 74 foot F/V AMBITION has been reported sunk in approximately 40 feet of water in position 55°09.2'N, 163°16.8'W. Mariners are requested to transit the area with caution and report any sightings with an updated position to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 30/16

460 **ALASKA – WESTERN – BERING SEA**

OBSTRUCTION TO NAVIGATION: The F/V ALASKA JURIS, a 218 foot catcher/processor, is adrift and partially submerged approximately 47NM NE of Kiska Island in position 52°33.1'N, 178°43.8'E. All crew were safely recovered from the vessel. Mariners are requested to transit the area with caution and report any sightings with an updated position to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 30/16

461 **ALASKA – SOUTHCENTRAL – KODIAK – SHELIKOF STRAIT**

OBSTRUCTION TO NAVIGATION: A 41ft F/V has capsized and is adrift in Southern Shelikof Strait between Jute and Dry bay in approximate position 57°34.991'N, 155°43.650'W. Fishing gear has also been reported adrift in the vicinity of the vessel. Questions/concerns should be directed to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 30/16

462 **ALASKA – NORTHWESTERN – CHUKCHI SEA – LEDYARD BAY**

Orion Marine Contractors will be conducting rock quarry operations at the north end of Cape Lisburne (approximately ½ mile west of the USAF runway at the Long Range Radar Site) in a rock quarry located in approximate position 68°52'37.51"N, 166° 9'26.41"W. Blasting operations will begin on July 27th, 2016 and continue 7 days a week until October 15th, 2016. Please avoid this area and at no time enter closer than ½ mile of the area of quarry operations. Please contact Orion Marine Contractors at (907) 433 3536 or by radio on VHF/FM channel 16 for additional information or concerns.

LNM: 30/16

463 **ALASKA – SOUTHCENTRAL – PRINCE WILLIAM SOUND – ORCA BAY**

NOAA DLB 46060 (LLNR 25646) has been reestablished in position 60°35'00.504"N, 146°48'18.851"W. Chart and Light List corrections will be issued once the verification process has been completed. Questions/concerns should be directed to Todd Buck with the Coast Guard Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 30/16

465 **ALASKA – SOUTHWESTERN – BRISTOL BAY – UGASHIK**

Two vessels have been reported aground or sunk in the Ugashik river in the vicinity of the town of Ugashik. An aluminum landing craft approximately 60 feet in length has been reported aground upriver from Ugashik in approximate position 57°33.345'N, 157°24.508'W. A fiberglass set net skiff was reported sunk at a mooring ball approximately 800 feet from the river bank near the town of Ugashik in approximate position 57°30.906'N, 157°24.359'W. Questions/concerns should be directed to the Coast Guard Sector Anchorage Command Center at (907) 428-4100.

LNM: 28/16

469 **ALASKA – SOUTHWEST – BERING SEA**

NOAA's Pacific Marine Environmental Laboratory (PMEL) will be deploying and operating 2 Wavegliders in the Bering Sea from approximately July 7th, 2016 through September 25th, 2016. The wavegliders are remotely operated vehicles, yellow, approx 2 meters in length, and travel at about 1 knot. Wavegliders will be operating approximately along 60N between 168W and 175W. Questions/comments should be directed to Daniel Langis at 206-851-7098 or by email to daniel.p.langis@noaa.gov.

LNM: 28/16

471 **ALASKA**

The US Coast Guard (USCG), the US Army Corps of Engineers (USACE), and the Department of Transportation (DOT) have released a Federal Register Notice announcing a reduction of the Nationwide Differential Global Positioning System (NDGPS). NDGPS service augments GPS by providing increased accuracy and integrity using land-based reference stations to transmit correction messages over radiobeacon frequencies. The service was implemented through agreements between multiple Federal agencies including the USCG, DOT, and USACE, as well as several states and scientific organizations, all cooperating to provide the combined national DGPS utility. However, a number of factors have contributed to declining use of NDGPS. Based on an assessment by the Department of Homeland Security (DHS), DOT, and USACE, the agencies will shut down and decommission 37 DGPS sites, which will leave 46 operational sites available to users in coastal areas. Termination of the NDGPS broadcast at the 37 sites is planned to occur on August 5, 2016. The only DGPS site being closed in Alaska is located in Cold Bay. The full notice can be found via this link: <https://federalregister.gov/a/2016-15886>.

LNM: 27/16

472 **ALASKA – ARCTIC – BEAUFORT SEA – OLIKTOK**

Global Marine Systems LTD has been contracted to install submarine fiber optic telecommunications cable for the Quintillion Cable system in the vicinity of Oliktok, Alaska. This work will be accomplished from July 30th through September 7th, 2016. The CB NETWORKER is a non-propelled cable installation barge that will conduct pre-trenching and simultaneous subsea cable lay/burial operations. The CB NETWORKER will be towed by the VOS THALIA. These vessels will be limited in their ability to maneuver when conducting underwater operations. Mariners are requested to maintain a 1NM CPA from the barge and 500 yard CPA from cable buoys and reduce speed to minimize wake when passing. The Alpha flag will be displayed during diving operations. Questions/concerns should be directed to John Wrottesley at +44 7836 231 998 or by email to john.wrottesley@globalmarinesystems.com.

LNM: 26/16

473 **ALASKA – ARCTIC – CHUKCHI SEA – WAINWRIGHT**

Global Marine Systems LTD has been contracted to install submarine fiber optic telecommunications cable for the Quintillion Cable system in the vicinity of Wainwright, Alaska. This work will be accomplished from July 22nd through July 27th, 2016. The CB NETWORKER is a non-propelled cable installation barge that will conduct pre-trenching and simultaneous subsea cable lay/burial operations. The CB NETWORKER will be towed by the VOS THALIA. These vessels will be limited in their ability to maneuver when conducting underwater operations. Mariners are requested to maintain a 1NM CPA from the barge and 500 yard CPA from cable buoys and reduce speed to minimize wake when passing. The Alpha flag will be displayed during diving operations. Questions/concerns should be directed to John Wrottesley at +44 7836 231 998 or by email to john.wrottesley@globalmarinesystems.com.

LNM: 26/16

483 **ALASKA - NUNIVAK ISLAND/ETOLIN STRAIT**

Terrasond Limited will be conducting a hydrographic survey of Etolin Strait near Nunivak Island from approximately June 25th through August 12th, 2016 for the purpose of nautical chart updating. The survey area extends from Mekoryuk in the west to Toksook Bay in the east, and the northern approach to Etolin Strait as well as Etolin Strait itself. The survey will be conducted by the R/V QUALIFIER 105 (Q105), a 105' survey vessel, white in color and marked "RESEARCH". The vessel will be monitoring VHF Channel 16. An 18' unmanned vessel, yellow in color, will be also be deployed and will be remotely controlled and monitored from the Q105. Both vessels will work in close proximity to each other and will have limited maneuverability due to towed sonar. Mariners are requested to transit the area with caution and to remain clear of the vessels while surveying is in progress, and to contact the Q105 with any immediate navigation concerns. Please direct questions to the TerraSond Charting Program Manager, Andrew Orthmann at (907) 745-7215, or by email at aorthmann@terrasond.com.

LNM: 25/16

489 **ALASKA – SOUTHWEST – BRISTOL BAY – CAPE GREIG**

The U.S. Fish and Wildlife Service (USFWS) would like to notify mariners that there is currently a large group of walrus hauled out on the beach at Cape Greig. Large concentrations of walrus can be expected to be encountered in the near shore waters. To prevent disturbance at this haulout the U.S. Fish and Wildlife Service suggests that all marine vessels 50 feet in length or less should remain at least a 0.5 nautical mile away from hauled out walrus. Marine vessels 50 - 100 feet in length should remain at least 1 nautical mile away from hauled out walrus, and marine vessels greater than 100 feet in length should remain at least 3 nautical miles away from hauled out walrus. All vessels should refrain from anchoring or conducting tendering operations within 3 miles of hauled out walrus. It is anticipated that walrus will continue to use the Cape Greig haulout through the summer months.

Marine vessels traveling in a predictable manner appear to be less disturbing to walrus. If you observe walrus in the water, near your vessel, avoid excessive speed or sudden changes in speed or direction. Vessel operators should take every precaution to avoid harassment of walrus when a vessel is operating near these animals. Vessels should reduce speed and maintain a minimum 805-m (0.5-mi) separation distance from the vessel to groups of walrus encountered in the water. Vessels should not be operated in such a way as to separate members of a group of walrus from other members of the group.

Pacific walrus are protected under the Marine Mammal Protection Act (MMPA) and harassment or disturbance is illegal. Questions/concerns should be directed to the USFWS, Marine Mammals Management toll free at 1-800-362-5148. To report instances of disturbance or harassment contact: USFWS, Office of Law Enforcement toll free at 1-877-535-1795 or 1-800-858-7621.

LNM: 24/16

496 **ALASKA – SOUTHCENTRAL – COOK INLET NAVIGATION CHANNEL**

The Cook Inlet Navigation Channel was dredged during the summer of 2014 to a project depth of -38 feet (FT) mean lower low water (MLLW). A project condition survey was conducted on April 15th, 2016 in which the following controlling depths were recorded:

Left Outside Quarter 61°12'19.44"N, 150°04'38.99"W and 61°12'29.31"N, 150°03'58.18"W both at -40.1 FT MLLW

Left Inside Quarter 61°12'0.69"N, 150°05'33.03"W at -41.1 FT MLLW

Right Inside Quarter 61°11'57.74"N, 150°05'33.02"W at -39.8 FT MLLW

Right Outside Quarter 61°12'04.17"N, 150°04'55.28"W at -39.6 FT MLLW

A chartlet of the controlling depths as well as survey data are available on the U.S. Army Corps of Engineers (USACE), Alaska District website at: <http://www.poa.usace.army.mil/About/Offices/ConstructionOperations/RiversandHarbors.aspx> No maintenance dredging is scheduled for this channel during 2016. A condition survey of the channel is tentatively scheduled for May 2017. Questions/concerns should be directed to

Donna West with the USACE Anchorage office at (907) 753-2761 or by email to Donna.L.West@usace.army.mil.

LNM: 23/16

498 **ALASKA – SOUTHWESTERN – BERING SEA**

NOAA and the Pacific Marine Environmental Laboratory will be deploying two unmanned science vehicles (saildrones) in the Eastern Bering Sea for oceanographic research from June through mid-September, 2016. These saildrones will depart and return to Dutch harbor and travel as far North as 59°30'N. Vessels are requested to maintain a CPA of at least 500 meters. Additional information including a chartlet of the area of operation and a photo depicting one of the saildrones is included as an enclosure to this LNM. Questions/concerns should be directed to Noah Lawrence at (206) 526-6209 or by email to noah.lawrence-slavas@noaa.gov.

LNM: 22/16

501 **ALASKA – SOUTHEAST – GASTINEAU CHANNEL**

Manson Construction Co. has moored the North Berth Concrete Pontoon for the Port of Juneau Cruise Ship Berths project in Gastineau Channel outside of the breakwater just West of Aurora Harbor. The mooring consists of two temporary unlighted mooring buoys. Mooring Buoy "1" will be located in position 58°18'12.85"N, 134°26'9.29"W. Mooring Buoy "2" will be located in position 58°18'16.26"N, 134°26'16.38"W. These buoys were established in May of 2016 and will be removed in October of 2016. The pontoon moored between the buoys has a fixed white light with a 2 NM nominal range at each corner. Questions/concerns should be directed to Erik Dolmseth at (206) 384-3025 or by email to edolmseth@mansonconstruction.com.

LNM: 22/16

519 **ALASKA – SOUTHCENTRAL – COOK INLET**

The Furie Energy JULIUS R. gas production platform is located near Middle Ground Shoal in Cook Inlet in position 60°56'10.1620"N, 151°09'31.0270"W. It is a monopod production platform and is manned 24 hours a day and 7 days a week and monitors VHF/FM channel 12. It is currently not charted but chart corrections will be issued as soon as the documentation has been processed. Questions/concerns should be directed to Tom Rueter with Alaska Maritime Agencies at (907) 562-8808 or by email to ncops@alaskamaritime.com.

LNM: 19/16

538 **ALASKA – ARCTIC**

The U.S. Navy has abandoned an ice camp established to conduct Navy testing, training, and research activities due to unsafe ice conditions. The last known position of the ice camp was 73°18'8"N, 151°55'31"W on April 1, 2016. All personnel and most of the material was safely evacuated, but some material from the camp remained on the ice. The remaining material included items such as tents, cardboard boxes of food, camping style foam mats, sleeping bags, pillows, foldable chairs, tables, some wiring/lighting, and cooking materials. No oil/fuel products, explosives, or hazardous materials were left behind. Questions/concerns should be directed to CDR Deborah Loomis at (757) 836-5956 or by email to Deborah.loomis@navy.mil.

LNM: 15/16

550 **ALASKA – SOUTHWESTERN – ALEUTIAN ISLANDS – DUTCH HARBOR**

Arch Rock LT 3A has been destroyed and is temporarily discontinued. The temporary lighted green buoy 3A displaying a flashing green 2.5 second light has been relocated to position 53°52'35.048"N, 166°34'02.508"W, 40 yards SW of the previous position of LT 3A. Questions/concerns should be directed to Todd Buck with the Coast Guard District 17 Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 11/16

551 **ALASKA – WESTERN – BERING SEA – ST PAUL HARBOR (VILLAGE COVE)**

Kiewit Infrastructure West Co. will be conducting maintenance dredging and harbor improvements for the U.S. Army Corps of Engineers in the St. Paul harbor (Village Cove) from May 1st to August 30th, 2016. This work will typically be performed on a 24 hour basis by the Derrick-Barge DB SEATTLE as well as associated material barges and tug traffic. The dredged material will be offloaded at the St. Paul harbor docks and dumped at an uplands location. The dredge will be monitoring VHF/FM channels 13 and 16. Mariners are requested to transit at their slowest safe speed to minimize wake and proceed with caution after passing arrangements have been made. St. Paul Harbor Jetty Light 3 (LLNR 27831) will be temporarily discontinued and removed during most of the project. Questions/concerns should be directed to Clint Lane, the project manager, at (907) 444-1560.

LNM: 11/16

561 **ALASKA – SOUTHEAST – SOUTHERN CHATHAM STRAIT**

Twenty-four reference moorings will be deployed from approximately March 16th through December 15th, 2016 in the vicinity of Port Walter in Southern Chatham Strait. All moorings will be a minimum of 200 meters apart and at least 50 meters from shore. Additional information including a list of the mooring positions and a chartlet depicting those positions is included as an enclosure to this LNM. Please direct questions/concerns to John Eiler at (907) 789-6033 or by email to john.eiler@noaa.gov.

LNM: 06/16

568 **ALASKA – SOUTHEAST – SECURITY BAY**

An uncharted reef with a depth of 4 feet has been reported in Security Bay in approximate position 56°50.483'N, 134°20.325'W and extending shoreward to the Northeast. Soundings within Security Bay were also reported to be up to two fathoms shallower than the charted depth. Mariners are requested to transit the area with caution and report any charting discrepancies to Todd Buck with the Coast Guard Waterways Management Office at (907) 463-2269 or by email to todd.r.buck@uscg.mil.

LNM: 05/16

572 **ALASKA – SOUTHCENTRAL – RESURRECTION BAY – SEWARD**

Hamilton Construction will be conducting dredging and breakwater construction at the Seward Marine Industrial Center Basin on the East shoreline of Resurrection Bay to create a new entry channel into the basin from the North as well as installing associated new navigational aids and marker piles. Work on this project will occur from January 18th, 2016 through April 30th, 2017. The tugs SKOOKUM, COSMIC WIND, and LITTLE TOOT and the barges POINT NO POINT, KVICHAK TRADER and WAYNEHOE will be involved in this project. Work may be conducted seven days a week from 0600 to 2200 local time. Vessels will be monitoring VHF/FM channel 16. Questions/concerns should be directed to Hamilton Construction at (907) 334-3910 or on VHF/FM channel 16.

LNM: 01/16

623 **ALASKA – KODIAK – ALITAK BAY**

A deck barge 72 X 25 feet has sunk in 84 feet of water in approximate position 56°53.79'N, 154°22.74'W. Mariners are requested to transit the area with caution. Questions/concerns should be directed to the Coast Guard Sector Anchorage Command Center at (907) 428-4100 or on VHF/FM channel 16.

LNM: 37/15

637 **ALASKA – WESTERN – NOME**

The Army Corps of Engineers (USACE) has discovered a potential obstruction in the outer entrance channel to the Nome Harbor. The obstruction was identified during the 2015 maintenance dredging operations and confirmed by multi-beam sonar equipment during a project condition survey. The approximate center location of the obstruction is 64°29'41.344"N 165°26'11.968"W. The least depth in the vicinity of the obstruction is 20.1 feet below mean lower low water. Mariners should exercise caution while navigating this area and report any strikes to Lucas Stotts, Harbormaster (907) 304-1906. The approximate obstruction location is based on preliminary survey data submitted by eTrac Inc. on 24 August, 2015 to the U.S. Army Corps of Engineers, Alaska District. The approximate dimensions of the obstruction are 7 feet long by 5 feet wide by 2.5 feet tall. USACE will update this notice as soon as additional information becomes available. Questions/concerns should be directed to Michael Teneza, Operations Project Manager (907) 753-2648 or Tom Sloan, Chief Geomatics Section (907) 753-2658.

LNM: 34/15

705 **ALASKA – SOUTHEAST**

The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southeast Alaska. The initial coverage areas are Ketchikan, Juneau and Yakutat. Mariners are reminded to ensure that they have properly connected their GPS units to their DSC equipped marine VHF radios and registered for their Maritime Mobile Service Identity (MMSI) to utilize the DSC distress function. Additional information is available through the Alaska Outdoors Forum at [http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-\(DSC\)](http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-(DSC)) or by contacting Mike Folkerts with the Coast Guard District 17 Boating Safety Office at (907) 463-2297 or by email to Michael.r.folkerts@uscg.mil.

LNM: 15/15

707 **ALASKA – SOUTHCENTRAL**

The U.S. Coast Guard has VHF Digital Selective Calling (DSC) capability with limited coverage in Southcentral Alaska. The initial coverage areas are Upper Cook Inlet, Kodiak and Valdez Arm. Mariners are reminded to ensure that they have properly connected their GPS units to their DSC equipped marine VHF radios and registered for their Maritime Mobile Service Identity (MMSI) to utilize the DSC distress function. Additional information is available through the Alaska Outdoors Forum at [http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-\(DSC\)](http://forums.outdoorsdirectory.com/showthread.php/142083-Digital-Selective-Calling-(DSC)) or by contacting Mike Folkerts with the Coast Guard District 17 Boating Safety Office at (907) 463-2297 or by email to Michael.r.folkerts@uscg.mil.

LNM: 15/15

726 **ALASKA – SOUTHEAST – WESTERN BEHM CANAL**

The U.S. Navy has established a temporary data collection buoy in Western Behm canal approximately 5,000 yards North of Betton Island within 400 yards of position 55°35.684'N, 131°46.503'W. The buoy is described as a 3 foot diameter yellow sphere, with the marking "Wave Buoy", with an attached telemetry whip antenna and a night time warning light that flashes 5 times at 1 second intervals with a period of 20 seconds between each series, Fl(5) Y 25s. Questions/concerns should be directed to Mr. Bill Harney at (907) 247-6289.

LNM: 05/15

815 **ALASKA – SOUTHEAST – ICY STRAIT – NORTH INIAN PASSAGE**

The currents in North Inian Passage and Glacier Bay have been observed at up to 3 knots above the NOAA published current predictions. Mariners should exercise caution when transiting the area. Questions/concerns should be directed to LT Tim Smith at (907) 271-3327 or by email to [timothy.m.smith@noaa.gov](mailto:timothy.m.smith@noaa.gov).

LNM: 25/14

816 **ALASKA – SOUTHEAST – DIXON ENTRANCE – FILLMORE INLET**

The chart of Fillmore Inlet on Chart 17437, 10th Edition has been reported to have significant offset and shoreline irregularities. The offset was reported to be as much as 500 yards. Mariners navigating in Fillmore Inlet using chart 17437, 10th Edition or electronic charts derived from chart 17437, 10th Edition should use extreme caution. Questions or concerns should be directed to Todd Buck at (907) 463-2269 or by email to [todd.r.buck@uscg.mil](mailto:todd.r.buck@uscg.mil).

LNM: 25/14

872 **ALASKA**

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

LNM: 12/14

889 **ALASKA**

U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON). In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners. Additional information is included as an enclosure to this LNM. 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](mailto:todd.r.buck@uscg.mil).

LNM: 05/14

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

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

LNM: 20/13

993 **ALASKA – U.S. COAST GUARD MEDIUM FREQUENCY (MF) DISTRESS WATCHKEEPING**

Mariners are advised that calls to the U.S. Coast Guard on the international radiotelephone distress frequency 2182 kHz or the Digital Selective Calling (DSC) frequency 2187.5 kHz may not be heard or may be severely degraded. Instead of using 2182 kHz for distress calls, mariners should use high frequency (HF) radiotelephone or DSC in the 4, 6, 8, and 12 MHz distress or calling bands. Additional information concerning U.S. Coast Guard HF watchkeeping is posted on the U.S. Coast Guard's Navigation Center website (<http://www.navcen.uscg.gov/?pageName=cgcommsCall>).

LNM: 11/13

995 **ALASKA**

MARINE DEBRIS: With the increase in ocean debris sightings along the coastlines of the Pacific Ocean, mariners are reminded to submit debris sighting reports to the National Oceanic and Atmospheric Administration (NOAA) Marine Debris Program at [DisasterDebris@noaa.gov](mailto:DisasterDebris@noaa.gov). Questions or concerns may be directed to the Coast Guard District 17 Waterways Management Branch at (907) 463-2269 or by email to [todd.r.buck@uscg.mil](mailto:todd.r.buck@uscg.mil).

LNM: 24/12

998 **ALASKA – SUBSURFACE AND SURFACE BUOYS**

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

LNM: 38/11

**ALASKA**

RANGE STRUCTURES: The U. S. Coast Guard has become aware that Coast Guard information used to depict a rangeline on NOAA Electronic Navigational Charts (ENC) may not be of sufficient accuracy to accurately portray the rangeline on the ENC. Mariners are cautioned that the position of a rangeline as shown on an ENC may not reflect its true position. If you have questions or concerns please contact Todd Buck at (907) 463-2269 or by email at todd.r.buck@uscg.mil.

LNM: 03/11

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**SECTION II - DISCREPANCIES**

This section lists all reported and corrected discrepancies related to Aids to Navigation in this edition. A discrepancy is a change in the status of an aid to navigation that differs from what is published or charted.

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**DISCREPANCIES (FEDERAL AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
1130	Seal Rocks Light	RAC INOP	16709	A106-16	25/16	
1187	NOAA Data Lighted Buoy 46078	OFF STA	16580	A193-15	47/15	
22005	Point Davison Light	DAYMK MISSING	17434	J195-15	44/15	
22300	Guard Island Light	LT EXT	17428	J087-16	20/16	
23305.7	Keku Strait Daybeacon 10	MISSING	17368	J148-13	32/13	
23305.9	Keku Strait Daybeacon 13	STRUCT DEST	17368	J103-15	23/15	
23305.95	Keku Strait Buoy 14	MISSING	17372	J032-16	06/16	
23315	Kake Entrance Light 2	STRUCT DEST	17368	J086-15	18/15	
23735.45	Mendenhall Bar Buoy 10A	MISSING	17315	J099-16	26/16	
23735.63	Mendenhall Bar Buoy 11C	OFF STA	17315	J102-16	26/16	
24060	Kootznahoo Inlet Daybeacon 6	STRUCT DEST	17339	J137-15	31/15	
<b>24210</b>	<b>South Inian Pass Rock Lighted Bell Buoy 6</b>	<b>OFF STA</b>	<b>17302</b>	<b>J118-16</b>	<b>30/16</b>	
25080	Olga Strait Light 9	STRUCT DMGD	17324	H051-15	08/15	
25355	Dippy Island Rock Daybeacon 3	DAYMK DMGD	17321	J216-15	51/15	
25515	Seal Rocks Light	RAC INOP	16709	A106-16	25/16	
25646	NOAA Data Lighted Buoy 46060	MISSING	16709	A018-16	06/16	
25647	NOAA Data Lighted Buoy 46081	LT EXT	16705	A139-15	34/15	
25823	Valdez Security Zone Lighted Buoy A	LT EXT	16707	A122-16	28/16	
25970	Evans Island Light	DAYMK DMGD	16702	A116-16	27/16	
26920	Cape Alitak Light	STRUCT DEST	16591	A124-16	29/16	
27300	Chunak Point Daybeacon 2	DAYMK DMGD	16535	A089-13	15/13	
27440	Akutan Point Light 2	LT EXT	16532	A123-16	28/16	
27545	NOAA Data Lighted Buoy 46071	MISSING	16440		14/15	
27610	Hague Channel Buoy 8	LT EXT	16363	A115-15	28/15	
27857	Kuskokwim River Buoy 66	MISSING	16304	A101-16	24/16	

**DISCREPANCIES (FEDERAL AIDS) CORRECTED**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
27915	Unalakleet River Buoys (About 6)	WATCHING PROPERLY	16200	A128-16	30/16	30/16

**DISCREPANCIES (PRIVATE AIDS)**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
22201	Bar Harbor Breakwater East Light	STRUCT DEST	17430	J202-15	47/15	
22202	Bar Harbor Breakwater Middle Light	STRUCT DEST	17430	J203-15	47/15	
22203	Bar Harbor Breakwater West Light	STRUCT DEST	17430	J204-15	47/15	
23691	Manson Construction Mooring LB A	MISSING	17315		19/16	
23692	Manson Construction Mooring LB B	MISSING	17315		19/16	

23908	Port Chilkoot Mooring Dolphin Lights (2)	LT EXT	17317	J175-14	38/14
25893	Whittier Passenger Dock Lights (2)	LT EXT	16706	A031-10	20/10
26361.5	Dillon Oil Platform Light	LT EXT	16662	A034-16	10/16

**DISCREPANCIES (PRIVATE AIDS) CORRECTED**

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

**PLATFORM DISCREPANCIES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM DISCREPANCIES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**SECTION III - TEMPORARY CHANGES and TEMPORARY CHANGES CORRECTED**

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

**TEMPORARY CHANGES**

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
23800	Gibby Rock Light 2	TRLB	17315	J061-13	13/13	
23920	Indian Rock Light	DISCONTINUED	17317	J163-15	36/15	
27503	Arch Rock Light 3A	DISCONTINUED	16530	A170-15	41/15	
27831	St. Paul Harbor Jetty Light 3	DISCONTINUED FOR DREDGING	16382	A096-16	23/16	

**TEMPORARY CHANGES CORRECTED**

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

**PLATFORM TEMPORARY CHANGES**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

**PLATFORM TEMPORARY CHANGES CORRECTED**

Name	Status	Position	BNM Ref.	LNM St	LNM End
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None

## SECTION IV - CHART CORRECTIONS

This section contains corrections to federally and privately maintained Aids to Navigation, as well as NOS corrections.

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

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners	Horizontal Datum Reference	Source of Correction	Current Local Notice to Mariners
12327	91st Ed.	19-APR-97	Last LNM: 26/97	NAD 83		27/97
Chart Title: NY-NJ-NEW YORK HARBOR - RARITAN RIVER						
Main Panel 2245 NEW YORK HARBOR					CGD01	
(Temp) ADD	NATIONAL DOCK CHANNEL BUOY 3				at 40-41-09.001N	074-02-48.001W
	Green can					
Corrective Action	Object of Corrective Action				Position	

(Temp) indicates that the chart correction action is temporary in nature. Courses and bearings are given in degrees clockwise from 000 true.

Bearings of light sectors are toward the light from seaward. The nominal range of lights is expressed in nautical miles (NM) unless otherwise noted.

<b>16012</b>	<b>24th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 29/16</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Aleutian Islands Amukta Island to Attu Island</i>						
<b>Main Panel 2416 AMUKTA ISLAND TO ATTU ISLAND. Page/Side: A</b>						
RELOCATE	NOAA Data Lighted Buoy 46071				CGD17 from 51-10-11.820N to 51-07-28.521N	179-01-05.577W 179-00-44.411E
<b>16300</b>	<b>10th Ed.</b>	<b>01-NOV-13</b>	<b>Last LNM: 23/15</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Kuskokwim Bay; Goodnews Bay</i>						
<b>CHART KUSKOKWIM BAY. Page/Side: N/A</b>						
RELOCATE	Kuskokwim River Buoy 15				CGD17 from 59-58-45.018N to 59-58-46.681N	162-23-20.101W 162-23-12.844W
<b>16304</b>	<b>3rd Ed.</b>	<b>01-APR-13</b>	<b>Last LNM: 23/15</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Kuskokwim Bay to Bethel</i>						
<b>Main Panel 2934 KUSKOKWIM RIVER KUSKOKWIM BAY TO BETHEL. Page/Side: N/A</b>						
RELOCATE	Kuskokwim River Buoy 15				CGD17 from 59-58-45.018N to 59-58-46.681N	162-23-20.101W 162-23-12.844W
RELOCATE	Kuskokwim River Buoy 25				CGD17 from 60-13-17.015N to 60-13-19.039N	162-20-51.928W 162-20-50.968W
<b>16440</b>	<b>16th Ed.</b>	<b>01-DEC-15</b>	<b>Last LNM: 49/15</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Rat Islands Semisopochnoi Island to Buldir I.</i>						
<b>Main Panel 2480 RAT ISLANDS. Page/Side: A</b>						
RELOCATE	NOAA Data Lighted Buoy 46071				CGD17 from 51-10-11.820N to 51-07-28.521N	179-01-05.577W 179-00-44.411E
<b>16594</b>	<b>14th Ed.</b>	<b>01-JAN-15</b>	<b>Last LNM: 15/16</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Marmot Bay and Kupreanof Strait; Whale Passage; Ouzinkie Harbor</i>						
<b>CHART AK AFOGNAK ISLAND AND MARMOT BAY. Page/Side: N/A</b>						
RELOCATE	Three Brothers Reef Buoy 6				CGD17 from 57-55-07.356N to 57-55-07.980N	152-32-42.859W 152-32-44.310W
<b>16760</b>	<b>11th Ed.</b>	<b>01-MAY-15</b>	<b>Last LNM: 45/15</b>	<b>NAD 83</b>		<b>30/16</b>
<i>Chart Title: Cross Sound to Yakutat Bay</i>						
<b>Main Panel 2613 CROSS SOUND TO YAKUTAT BAY. Page/Side: A</b>						
					CGD17	

CHANGE Star Rock Bell Buoy SR at 57-49-46.541N 136-28-08.137W  
GR "SR" BELL

17300 32nd Ed. 01-OCT-12 Last LNM: 45/15 NAD 83 30/16

ChartTitle: Stephens Passage to Cross Sound, including Lynn Canal

CHART STEPHENS PASSAGE TO CROSS SOUND, INCLUDING LYNN CANAL. Page/Side: N/A

CHANGE Star Rock Bell Buoy SR at 57-49-46.541N 136-28-08.137W  
GR "SR" BELL CGD17

17303 11th Ed. 01-MAY-14 Last LNM: 17/14 NAD 83 30/16

ChartTitle: Yakobi Island and Lisianski Inlet;Pelican Harbor

CHART YAKOBI ISLAND AND LISIANSKI INLET, PELICAN HARBOR. Page/Side: N/A

CHANGE Star Rock Bell Buoy SR at 57-49-46.541N 136-28-08.137W  
GR "SR" BELL CGD17

17316 21st Ed. 01-NOV-14 Last LNM: 19/15 NAD 83 30/16

ChartTitle: Lynn Canal-Icy Str. to Point Sherman;Funter Bay;Chatham Strait

CHART LYNN CANAL-ICY STRAIT TO POINT SHERMAN. Page/Side: N/A

CHANGE Faust Rock Lighted Bell Buoy FR at 58-25-05.802N 134-55-39.677W  
RG "FR" FI(2+1) R 6s CGD17

17320 19th Ed. 01-NOV-13 Last LNM: 49/15 NAD 83 30/16

ChartTitle: Coronation Island to Lisianski Strait

Main Panel 2644 CORONATION ISLAND TO LISIANSKI STRAIT. Page/Side: N/A

CHANGE Star Rock Bell Buoy SR at 57-49-46.541N 136-28-08.137W  
GR "SR" BELL CGD17

17321 10th Ed. 01-MAY-14 Last LNM: 18/14 NAD 83 30/16

ChartTitle: Cape Edward to Lisianski Strait, Chichagof Island

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

CHANGE Star Rock Bell Buoy SR at 57-49-46.541N 136-28-08.137W  
GR "SR" BELL CGD17

17420 29th Ed. 01-FEB-13 Last LNM: 23/16 NAD 83 30/16

ChartTitle: Hecate Strait to Etolin Island, including Behm and Portland Canals

Main Panel 2729 HECATE STRAIT TO ETOLIN ISLAND. Page/Side: N/A

CHANGE Reef Island Light at 55-04-43.572N 130-12-10.548W  
FI 4s 19ft 9M CGD17

17427 8th Ed. 01-MAY-15 Last LNM: 21/15 NAD 83 30/16

ChartTitle: Portland Canal - Dixon Entrance to Hattie I.

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

CHANGE Reef Island Light at 55-04-43.572N 130-12-10.548W  
FI 4s 19ft 9M CGD17

## OIL RIG MOVEMENT

### Drill Rigs/Vessels Removed

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
None						

### Drill Rigs/Vessels Established

Latitude	Longitude	Block	Rigs/Vessel	Chart	Type	Status
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60-56-10.205N	151-09-31.102W	-	RANDOLPH YOST	16663	JACKUP	NEW WELL
60-05-10.200N	149-21-25.800W	-	Spartan Rig 151		JACKUP	UNREPORTED

### SECTION V - ADVANCE NOTICES

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

#### SUMMARY OF ADVANCED APPROVED PROJECTS

<u>Approved Project(s)</u>	<u>Project Date</u>	<u>Ref. LNM</u>
None		

<u>Advance Notice(s)</u>
None

### 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

<u>Proposed Project(s)</u>	<u>Closing</u>	<u>Docket No.</u>	<u>Ref. LNM</u>
None			

<u>Proposed Change Notice(s)</u>
None

### SECTION VII - GENERAL

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

#### 524 **ALASKA – BERING SEA – NORTON SOUND – NOME HARBOR and ENTRANCE CHANNEL**

Alaska Marine Excavation, LLC. will be conducting dredging operations in the Nome Inner Harbor commencing at the ice-out, operating 24 hours a day, 7 days a week and concluding by June 25th, 2016. Dredging will continue in the Nome Entrance Channel concluding by July 31st, 2016. The dredge ALASKAN HAWK is a 75' cutter head suction dredge, white and blue 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/(907) 435-7920 or by email to brokshafer@gmail.com.

LNM: 18/16

#### 525 **ALASKA – COOK INLET – HOMER HARBOR and COAST GUARD BERTH**

Alaska Marine Excavation, LLC. will be conducting dredging operations in the Homer Harbor Entrance on September 1st, 2016, operating 24 hours a day, 7 days a week and concluding by October 11th, 2016. The dredge COMMANDER is a 50' 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 brokshafer@gmail.com.

LNM: 18/16

#### 547 **ALASKA – SOUTHCENTRAL – PORT OF ANCHORAGE/COOK INLET NAVIGATION CHANNEL**

Manson Construction Company has been contracted by the U.S. Army Corp of Engineers to conduct Hopper and Suction dredging operations in the Port of Anchorage and the Cook Inlet Navigation Channel from March 21st to approximately November 10th, 2016. The dredge WESTPORT and the tug GLADYS M will be monitoring VHF/FM channels 08, 13, 16, and 66 when operating. The dredging location is approximately 61°14.5'N, 149°53.3'W. The disposal location is approximately 61°14.3'N, 149°56.500'W. A temporary mooring buoy has been established in position 61°13.216'N, 149°56.175'W. Questions/concerns should be directed to Bob Richardson at (206) 953-0211.

LNM: 13/16

### SECTION VIII - LIGHT LIST CORRECTIONS

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

## SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
1045	Star Rock Bell Buoy SR	57-49-46.541N 136-28-08.137W				Green and red bands.	30/16	
	*							
21875	REEF ISLAND LIGHT	55-04-43.572N 130-12-10.548W	Fl W 4s	19	9	NR on spindle.	Obscured from 020.5° to 197.5°.	30/16
					*		*	
26480	Three Brothers Reef Buoy 6	57-55-07.980N 152-32-44.310W				Red nun.		30/16
		*						
27545	NOAA Data Lighted Buoy 46071	51-07-28.521N 179-00-44.411E	Fl (4)Y 20s			Yellow disc shaped hull.	Position approximate. Aid maintained by National Oceanic and Atmospheric Administration.	30/16
		*						
27844.5	Kuskokwim River Buoy 15	59-58-46.681N 162-23-12.844W				Green can.	Maintained from June 1 to October 1.	30/16
		*						
27847	Kuskokwim River Buoy 25	60-13-19.039N 162-20-50.968W				Green can.	Maintained from June 1 to October 1.	30/16
		*						

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**PUBLICATION CORRECTIONS**


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None

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**ENCLOSURES**


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**ALASKA**[AIS ATON Announcement.pdf](#)

Information about USCG Test of Automatic Identification System (AIS) Aids to Navigation (ATON).

LNM: 05/14

**ALASKA – SOUTHEAST – SOUTHERN CHATHAM STRAIT**[0616 NMFS Moorings.pdf](#)

NMFS Reference mooring chartlet

LNM: 06/16

**ALASKA**[3016 AMSEA.pdf](#)

AMSEA Maritime Training

LNM: 30/16

**ALASKA**[2816 Subsurface Buoys.pdf](#)

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

LNM: 28/16

**ALASKA – SOUTHWESTERN – BERING SEA**

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

## U.S. Coast Guard to Test Automatic Identification System (AIS) Aids to Navigation (ATON)

In the near future, the U.S. Coast Guard and other authorized agencies and organizations (i.e., U.S. Army Corps of Engineers, Marine Exchange of Alaska) will begin transmitting AIS ATON messages and marine safety information via AIS for testing and evaluation. The exact content, location, and times of these broadcasts will be announced in future Local Notices to Mariners.

AIS is an internationally adopted radio communication protocol that enables the autonomous and continuous exchange of navigation safety related messages amongst vessels, lifeboats, aircraft, shore stations, and aids to navigation (AIS ATON). AIS ATON stations broadcast their presence, identity (9-digit Marine Mobile Service Identity (MMSI) number), position, and status at least every three minutes or as needed. These broadcasts can originate from an AIS station located on an existing physical aid to navigation (Real AIS ATON) or from another location (i.e., AIS Base Station). An AIS Base Station signal broadcasted to coincide with an existing physical aid to navigation is known as a Synthetic AIS ATON. An electronically charted, but non-existent as a physical aid to navigation, is identified as a Virtual AIS ATON. The latter two can be used to depict an existing aid to navigation that is off station or not watching properly or to convey an aid to navigation that has yet to be charted. All three variants can be received by any existing AIS mobile device, but they would require an external system for their portrayal (i.e., AIS message 21 capable ECDIS, ECS, radar, PC). How they are portrayed currently varies by manufacturer, but the future intention is for the portrayal to be in accordance with forthcoming International Standards (i.e., IEC 62288 (Ed. 2), IHO S-4 (Ed. 4.4.0)).

Mariners capable of receiving and displaying these test AIS messages are encouraged to provide feedback and report any anomalies to the USCG NAVCEN Website: <http://www.navcen.uscg.gov> | Contact Us Tab | Subject: AIS | Category: AIS Testing.

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### Example of Local Notice to Mariners Chart Corrections for AIS ATONs

#### Chart Correction for *Real AIS ATON*

<b>12326</b>	<b>52nd Ed.</b>	<b>01-JUNE-13</b>	<b>Last LNM: 53/13</b>	<b>NAD 83</b>		<b>LNM/14</b>
<i>Chart Title: Approaches to New York</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Channel Lighted Whistle Buoy A and			CGD 40-27-27.991N	073-50-12.228W
CHANGE		Characteristic to RW "A" Mo (A) WHIS Racon ( ^ ) AIS				

#### Chart Correction for *Synthetic AIS ATON*

<b>18649</b>	<b>68th Ed.</b>	<b>01-JUNE-13</b>	<b>Last LNM: 52/13</b>	<b>NAD 83</b>		<b>LNM/14</b>
<i>Chart Title: Entrance to San Francisco Bay</i>						
ADD		Magenta circle AIS Chart No. 1: S17.2 to ABC Approach Lighted Whistle Buoy AB and			CGD 37-44-59.749N	122-41-33.940W
CHANGE		Characteristic to RW "AB" Mo (A) WHIS Racon ( - ) AIS				

#### Chart Correction for *Virtual AIS ATON*

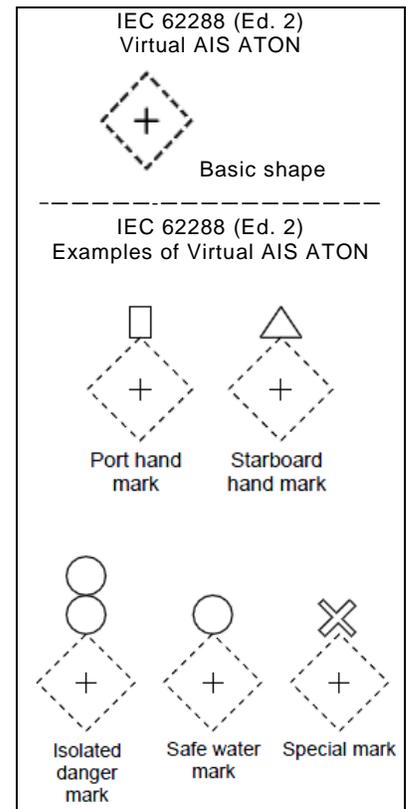
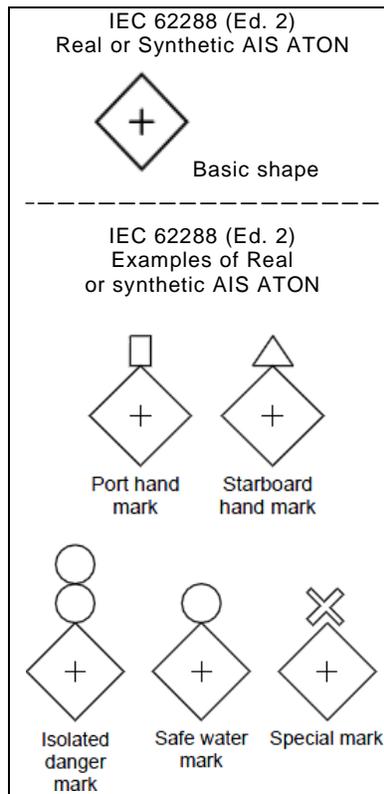
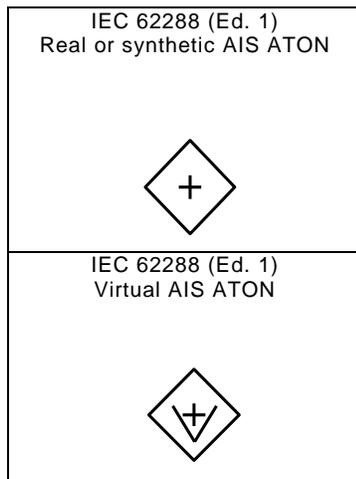
<b>12314</b>	<b>33rd Ed.</b>	<b>01-JUNE-12</b>	<b>Last LNM: 51/13</b>	<b>NAD 83</b>		<b>LNM/14</b>
<i>Chart Title: Delaware River Philadelphia to Trenton</i>						
ADD		ABC Railroad Bridge South Starboard V-AIS ATON Chart No. 1: S18.2		to	CGD 39-58-55.059N	075-04-06.856W
ADD		ABC Railroad Bridge South Port V-AIS ATON Chart No. 1: S18.2		to	38-58-55.803N	076-23-04.547W

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## Virtual AIS ATON Symbology for Electronic Chart Display and Information System (ECDIS)

Port Lateral (IALA B)	A Virtual object marking the port side of a channel	 V-AIS
Starboard Lateral (IALA B)	A Virtual object marking the starboard side of a channel	 V-AIS
Isolated Danger	A Virtual object marking an isolated danger	 V-AIS
Safe Water	A Virtual object marking safe water	 V-AIS
Special Purpose	A Virtual object used to mark an area or feature referred to in nautical documents	 V-AIS

## AIS ATON Symbology of the International Electrotechnical Commission (IEC) and International Maritime Organization (IMO)







## Alaska Marine Safety Education Association

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

### For Immediate Release

Date Issued: July 25, 2016

Kill date: August 5, 2016

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

The Alaska Marine Safety Education Association is offering a number of classes in U.S. Coast Guard District 17 that may be of interest to mariners. Many of these workshops are offered at no cost to commercial fishermen, thanks to support from the U.S. Coast Guard, the National Institute for Occupational Safety and Health, and the Alaska Department of Commerce, Community and Economic Development. For more information or to register for a workshop, call AMSEA at 907-747-3287 or visit our website at [www.amsea.org](http://www.amsea.org).

#### Fishing Vessel Drill Conductor Workshops

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

The workshops are US Coast Guard-accepted and meet the training requirements for drill conductors on documented commercial fishing vessels operating three or more miles offshore. The workshops are open to all mariners and are recommended for captains and crew serving on any commercial vessel.

START DATE	END DATE	LOCATION	STATE
09/25/2016	09/25/2016	Sitka	AK
05/01/2017	0/05/2017	Seward	AK

#### Marine Safety Instructor Training

The MSIT is an intensive train-the-trainer course that prepares individuals to effectively teach cold-water survival procedures, use of marine safety equipment, and vessel safety drills. Upon completion of the course, participants will be prepared to teach AMSEA's U.S. Coast Guard accepted Fishing Vessel Drill Conductor training, pending authorization from the Coast Guard.

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

Topic covered during the course include:

- Preparation for emergencies
- Cold-water near drowning
- Hypothermia
- Cold-water survival
- Survival equipment, procedures & onboard drills
- Risk Assessment
- Ergonomics
- Methods of instructions

START DATE	END DATE	LOCATION	STATE
09/19/2016	09/24/2016	Sitka	AK
04/25/2017	04/30/2017	Seward	AK

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

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 [D17-PF-D17-LNM@uscg.mil](mailto:D17-PF-D17-LNM@uscg.mil) or to Todd Buck, USCG D17(dpw), at (907) 463-2269 or by email to [todd.r.buck@uscg.mil](mailto:todd.r.buck@uscg.mil). This compilation is as current as the Local Notice to Mariners (LNM) included in as an enclosure. The referenced LNM may have additional information and indicates the last time an entry was updated.

#### ALASKA – ARCTIC OCEAN

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	72°27.655'N, 157°23.774'W	780 feet	731 feet	39/10	Ethan Roth <a href="mailto:ehroth@ucsd.edu">ehroth@ucsd.edu</a>
N/A	72° 47.939'N, 158°23.941'W	1,066 feet	1,017 feet	39/10	Ethan Roth <a href="mailto:ehroth@ucsd.edu">ehroth@ucsd.edu</a>
N/A	72°07.275'N, 160°29.698'W	131 feet	115 feet	35/12	Thomas Weingartner (907) 474-7993
N/A	72°09.747'N, 159°07.349'W	167 feet	85 feet	35/12	Thomas Weingartner (907) 474-7993
N/A	72°10.875'N, 159°33.117'W	184 feet	95 feet	35/12	Thomas Weingartner (907) 474-7993
N/A	72°41.745'N, 164°31.935'W	N/A	151 feet	35/12	N/A
N/A	72°31.517'N, 164°05.944'W	N/A	164 feet	35/12	N/A
N/A	72°16.850'N, 163°32.034'W	N/A	131 feet	35/12	N/A
14CKT-7A	72°25.259'N, 161°37.835'W	141 feet	115 feet	42/14	David Strousz (206) 526-4510
14CKP-7A	72°25.475'N, 161°37.240'W	141 feet	115 feet	42/14	David Strousz (206) 526-4510
14CKIP-8A	72°35.180'N, 161°12.890'W	151 feet	115 feet	42/14	David Strousz (206) 526-4510
14CKT-8A	72°34.980'N, 161°13.560'W	151 feet	115 feet	42/14	David Strousz (206) 526-4510
14CKP-8A	72°34.980'N, 161°12.310'W	151 feet	115 feet	42/14	David Strousz (206) 526-4510
14CKP-9A	72°27.473'N, 156°33.922'W	3,110 feet	1,148 feet	42/14	David Strousz (206) 526-4510
CX14_AU_HS2	72°34.803'N, 161°13.075'W	177 feet	148 feet	48/14	Catherine Berchok (206) 526-6331
CX14_AU_HS1	72°25.676'N, 161°37.726'W	138 feet	109 feet	48/14	Catherine Berchok (206) 526-6331
AIM15-1	75°05.295'N, 168°01.326'W	138 feet	138 feet	40/15	Dr. Humfrey Melling (250) 363-6552
NRS01	72°26.582'N, 156°33.101'W	3,281 feet	1,640 feet	40/15	Catherine Berchok (206) 526-6331
NBC-15t	72°18.141'N, 155°24.388'W	561 feet	137 feet	41/15	Takashi Kikuchi +81-46-867-9486
NHC-15t	73°18.141'N, 160°46.922'W	1,396 feet	171 feet	41/15	Takashi Kikuchi +81-46-867-9486
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

#### CANADA – BEAUFORT SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
CB15	70°33.775'N, 127°41.714'W	112 feet	112 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-1a	70°20.035'N, 133°44.459'W	169 feet	169 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-1b	70°20.029'N, 133°44.371'W	170 feet	170 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-2	70°59.361'N, 133°44.627'W	143 feet	143 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-20	71°00.999'N, 133°48.506'W	248 feet	248 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-9a	70°03.537'N, 133°42.922'W	106 feet	106 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-9b	70°03.501'N, 133°42.941'W	104 feet	104 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-11	69°46.482'N, 137°02.773'W	106 feet	106 feet	40/15	Dr. Humfrey Melling (250) 363-6552
HI15	69°39.289'N, 138°55.270'W	125 feet	125 feet	40/15	Dr. Humfrey Melling (250) 363-6552
iBO15-BR1	70°25.944'N, 139°01.235'W	196 feet	196 feet	40/15	Dr. Humfrey Melling (250) 363-6552

#### ALASKA – BEAUFORT SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	71°35.980'N, 161°30.3221'W	151 feet	111 feet	48/14	David Leech (907) 224-4319
AON-BS3	71°23.659'N, 152°03.046'W	482 feet	115 feet	49/14	Dr. Robert Pickart (508) 289-2858
AW15-AU-BF1	71°33.138'N, 155°31.983'W	226 feet	197 feet	40/15	Catherine Berchok (206) 526-6331
AW15-AU-BF2	71°44.986'N, 154°27.741'W	259 feet	230 feet	40/15	Catherine Berchok (206) 526-6331
AW15-AU-BF3	71°41.185'N, 153°10.664'W	335 feet	306 feet	40/15	Catherine Berchok (206) 526-6331
BCE-15	71°40.360'N, 154°59.770'W	351 feet	131 feet	41/15	Takashi Kikuchi +81-46-867-9486
BCC-15	71°44.020'N, 155°09.500'W	935 feet	141 feet	41/15	Takashi Kikuchi +81-46-867-9486
BCW-15	71°47.750'N, 155°20.810'W	561 feet	137 feet	41/15	Takashi Kikuchi +81-46-867-9486

#### ALASKA – CHUKCHI SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
WHOI-AB	70°59.954'N, 163°40.561'W	138 feet	Surface	38/12	Kristopher Newhall (508) 989-5982
SCH-14 (DBO-3)	68°01.996'N, 168°50.039'W	197 feet	147 feet	39/14	Takashi Kikuchi +81-46-867-9486
CX14_AU_WT2	71°46.900'N, 161°51.503'W	138 feet	109 feet	48/14	Catherine Berchok (206) 526-6331
AW14_AU_KZ1	67°07.413'N, 168°36.266'W	167 feet	138 feet	48/14	Catherine Berchok (206) 526-6331
AW14_AU_NM1	64°50.918'N, 168°23.404'W	157 feet	128 feet	48/14	Catherine Berchok (206) 526-6331
AW14_AU_PH1	67°54.476'N, 168°12.130'W	223 feet	194 feet	48/14	Catherine Berchok (206) 526-6331
E. Barrow Canyon	71°22.569'N, 156°53.710'W	236 feet	226 feet	49/14	Steve Okkonen (907) 283-3234

## ALASKA – CHUKCHI SEA (Continued)

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
MARU-14-A	71°00.0226'N, 163°40.9225'W	135 feet	126 feet	50/14	Frederick Channel (607) 254-2476
MARU-14-B	71°00.0029'N, 163°40.1865'W	135 feet	126 feet	50/14	Frederick Channel (607) 254-2476
Unnamed	71°14.459'N, 164°18.067'W	138 feet	Surface	28/15	Noah Lawrence (206) 526-6209
15CKIP-2A	71°13.829'N, 164°12.609'W	138 feet	112 feet	37/15	David Strousz (206) 526-4510
15CKP-2A	71°13.845'N, 164°12.953'W	138 feet	115 feet	37/15	David Strousz (206) 526-4510
15CKIP-4A	71°02.871'N, 160°30.693'W	164 feet	141 feet	37/15	David Strousz (206) 526-4510
15CKP-4A	71°02.785'N, 160°30.892'W	164 feet	138 feet	37/15	David Strousz (206) 526-4510
15CKIP-1A	70°50.139'N, 163°07.431'W	138 feet	115 feet	38/15	David Strousz (206) 526-4510
15CKP-1A	70°50.310'N, 163°06.321'W	138 feet	115 feet	38/15	David Strousz (206) 526-4510
15CKT-2A	71°13.808'N, 164°13.237'W	138 feet	115 feet	38/15	David Strousz (206) 526-4510
15CKP-9A	72°28.011'N 156°32.977'W	3,281 feet	1,312 feet	38/15	David Strousz (206) 526-4510
ASL15-S5a	70°54.999'N, 161°29.978'W	125 feet	125 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-S5b	70°55.072'N, 161°29.873'W	125 feet	125 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL14-S7b	70°47.031'N, 159°54.006'W	83 feet	83 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL14-S7p	70°47.009'N, 159°54.138'W	81 feet	81 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-S8a	71°16.468'N, 161°33.773'W	145 feet	145 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-S8b	71°16.603'N, 161°33.645'W	144 feet	144 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-BUa	71°14.422'N, 163°16.621'W	131 feet	131 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-BUa	71°14.366'N, 163°16.816'W	130 feet	130 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL14-CJa	71°10.189'N, 166°44.912'W	131 feet	131 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL14-CJb	71°10.219'N, 166°45.000'W	131 feet	131 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-CJa	71°10.142'N, 166°44.900'W	134 feet	134 feet	40/15	Dr. Humfrey Melling (250) 363-6552
ASL15-CJb	71°10.163'N, 166°45.107'W	129 feet	129 feet	40/15	Dr. Humfrey Melling (250) 363-6552
AW15_AU_CL1	69°19.042'N, 167°37.372'W	161 feet	132 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_IC1	70°50.132'N, 163°06.552'W	138 feet	109 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_PB1	71°12.377'N, 158°00.926'W	151 feet	122 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_WT1	71°02.818'N, 160°30.155'W	161 feet	132 feet	40/15	Catherine Berchok (206) 526-6331
CX15_AU_IC2	71°13.762'N, 164°13.573'W	135 feet	106 feet	40/15	Catherine Berchok (206) 526-6331
CX15_AU_IC3	71°49.769'N, 166°04.624'W	141 feet	112 feet	40/15	Catherine Berchok (206) 526-6331
2015MARU_1	71°17.936'N, 163°16.631'W	141 feet	137 feet	40/15	Catherine Berchok (206) 526-6331
2015MARU_2	71°29.792'N, 163°11.449'W	144 feet	140 feet	40/15	Catherine Berchok (206) 526-6331

## ALASKA – KOTZEBUE SOUND

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

## ALASKA – BERING STRAIT

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N/A	65°00.060'N, 168°49.170'W	167 feet	Surface	29/11	Donald Gibson (250) 920-9142
AOOS-AXYS	65°00.700'N, 169°27.23'W	-----	Surface	30/15	Darcy Dugan (907) 644-6718
AW15-AU-NM1	64°50.856'N, 168°23.386'W	144 feet	115 feet	40/15	Catherine Berchok (206) 526-6331
AW15-AU-KZ1	67°07.416'N, 168°36.262'W	138 feet	109 feet	40/15	Catherine Berchok (206) 526-6331
AW15-AU-PH1	67°54.621'N, 168°11.898'W	187 feet	158 feet	40/15	Catherine Berchok (206) 526-6331
A2-15	65°46.870'N, 168°34.060'W	184 feet	49 feet	28/16	Rebecca Woodgate (206) 221-3268
A3-15	66°19.570'N, 168°57.040'W	190 feet	49 feet	28/16	Rebecca Woodgate (206) 221-3268
A4-15	65°44.760'N, 168°15.770'W	161 feet	49 feet	28/16	Rebecca Woodgate (206) 221-3268

## ALASKA – BERING SEA

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
MARU	57°08.638'N, 164°30.563'W	230 feet	Surface	37/09	Dr. John Kemp <a href="mailto:jkemp@whoi.edu">jkemp@whoi.edu</a>
BSP-6	53°24.480'N, 168°51.077'W	3,346 feet	558 feet	21/14	David Strousz (206) 526-4510
NMML-70	57°21.0302'N, 166°22.6197'W	226 feet	194 feet	21/14	David Strousz (206) 526-4510
14BSP-5A	59°54.800'N, 171°42.520'W	230 feet	197 feet	42/14	David Strousz (206) 526-4510
14BS-5A	59°55.070'N, 171°42.759'W	230 feet	49 feet	42/14	David Strousz (206) 526-4510
15BS-8A	62°11.561'N, 174°41.272'W	236 feet	62 feet	39/15	David Strousz (206) 526-4510
15BSP-8A	62°11.667'N, 174°41.049'W	236 feet	203 feet	39/15	David Strousz (206) 526-4510
15BSIP-8A	62°11.574'N, 174°40.986'W	236 feet	207 feet	39/15	David Strousz (206) 526-4510
15BS-4B	57°53.397'N, 168°52.309'W	230 feet	34 feet	39/15	David Strousz (206) 526-4510
15BSP-4A	57°53.672'N, 168°52.665'W	230 feet	194 feet	39/15	David Strousz (206) 526-4510
AW15_AU_BS1	61°35.155'N, 171°19.972'W	171 feet	142 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_BS2	59°14.567'N, 169°24.751'W	172 feet	143 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_BS3	57°40.502'N, 164°43.096'W	172 feet	143 feet	40/15	Catherine Berchok (206) 526-6331
AW15_AU_BS4	54°25.730'N, 165°16.276'W	545 feet	516 feet	40/15	Catherine Berchok (206) 526-6331
ST15_AU_NS1	63°23.945'N, 166°14.173'W	72 feet	43 feet	40/15	Catherine Berchok (206) 526-6331
BS15_AU_02b	56°52.705'N, 164°04.110'W	230 feet	201 feet	40/15	Catherine Berchok (206) 526-6331
BS15_AU_04b	57°53.672'N, 168°52.665'W	230 feet	201 feet	40/15	Catherine Berchok (206) 526-6331
BS15_AU_05a	59°54.413'N, 171°44.007'W	223 feet	201 feet	40/15	Catherine Berchok (206) 526-6331
BS15_AU_08a	62°11.667'N, 174°41.049'W	236 feet	201 feet	40/15	Catherine Berchok (206) 526-6331
16BSP-2A	56°53.364'N, 164°03.168'W	236 feet	203 feet	20/16	David Strousz (206) 526-4510

**ALASKA – BERING SEA (Continued)**

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
16BSM-2A	56°52.173'N, 164°02.872'W	236 feet	Surface (Fl Y)	20/16	David Strousz (206) 526-4510
16BS-PITAE	56°52.080'N, 163°03.160'W	236 feet	Surface (Fl Y 4s)	20/16	David Strousz (206) 526-4510
AL16_AU_BS6	53°37.989'N, 167°24.459'W	302 feet	285 feet	20/16	Catherine Berchok (206) 526-6331

**ALASKA – GULF OF ALASKA – KODIAK ISLAND – CHINIAK BAY**

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
15CB-1A	57°43.209'N, 152°17.588'W	636 feet	571 feet	06/15	David Strousz (206) 526-4510
13CBM-1A	57°41.82'N, 152°18.84'W	476 feet	Surface	14/13	David Strousz (206) 526-4510
16CB-1A	57°43.344'N, 152°17.384'W	623 feet	558 feet	10/16	David Strousz (206) 526-4510

**ALASKA – COOK INLET**

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
N-4	60°39.198'N, 151°23.244'W	50 feet	47 feet	17/16	Ben Garrett (250) 656-0177 x161
N-5	60°39.714'N, 151°23.154'W	40 feet	37 feet	17/16	Ben Garrett (250) 656-0177 x161
N-6	60°41.394'N, 151°24.300'W	40 feet	37 feet	17/16	Ben Garrett (250) 656-0177 x161

**ALASKA – PRINCE WILLIAM SOUND**

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
PST1	60°39.100'N, 146°16.682'W	154 feet	138 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST2	60°39.338'N, 146° 17.353'W	226 feet	210 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST3	60° 39.568'N, 146° 18.040'W	390 feet	374 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST4	60° 39.798'N, 146° 18.726'W	427 feet	410 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST5	60° 40.028'N, 146°19.413'W	420 feet	404 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST6	60°40.257'N, 146°20.100'W	410 feet	394 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST7	60°40.487'N, 146°20.786'W	295 feet	279 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST8	60°40.717'N, 146°21.473'W	233 feet	217 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST9	60°40.947'N, 146°22.160'W	194 feet	177 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
PST10	60°41.176'N, 146°22.846'W	141 feet	125 feet	18/09	Mary Anne Bishop (907) 424-5800 x228
H01	60°20.55'N, 146°43.824'N	100 feet	61 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H02	60°20.40'N, 146°44.52'W	879 feet	788 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H03	60°20.256'N, 146°45.264'W	884 feet	793 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H04	60°20.112'N, 146°45.968'W	884 feet	793 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H05	60°19.968'N, 146°46.71'W	887 feet	796 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H06	60°19.812'N, 146°47.418'W	895 feet	804 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H07	60°19.668'N, 146°48.138'W	909 feet	818 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H08	60°19.47'N, 146°48.954'W	935 feet	834 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H09	60°19.32'N, 146°49.782'W	1007 feet	899 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H10	60°19.188'N, 146°50.508'W	1058 feet	947 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H11	60°19.008'N, 146°51.228'W	1136 feet	1015 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H12	60°18.888'N, 146°51.918'W	1194 feet	1073 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H13	60°18.738'N, 146°52.656'W	907 feet	816 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H14	60°18.588'N, 146°53.34'W	523 feet	468 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H15	60°18.468'N, 146°53.994'W	276 feet	221 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
H16	60°18.54'N, 146°54.552'W	84 feet	29 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M01	59°55.482'N, 147°48.63'W	294 feet	255 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M02	59°55.848'N, 147°49.074'W	447 feet	398 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M03	59°56.178'N, 147°49.51'W	509 feet	454 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M04	59°56.556'N, 147°49.956'W	577 feet	515 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M05	59°55.686'N, 147°50.382'W	638 feet	570 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M06	59°57.222'N, 147°50.838'W	695 feet	620 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M07	59°57.546'N, 147°51.234'W	741 feet	663 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M08	59°57.858'N, 147°51.63'W	767 feet	689 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M09	59°58.146'N, 147°52.008'W	774 feet	693 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M10	59°58.512'N, 147°52.434'W	778 feet	697 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
M11	59°58.842'N, 146°52.866'W	471 feet	419 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
LP01	59°58.848'N, 148°01.914'W	113 feet	97 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
LP02	59°59.082'N, 148°02.19'W	151 feet	135 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
EP03	59°59.46'N, 148°05.778'W	197 feet	181 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
EP04	59°59.706'N, 148°06.06'W	272 feet	256 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
POWP05	60°02.784'N, 148°07.482'W	317 feet	301 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
POWP06	60°02.79'N, 148°07.89'W	160 feet	144 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
BP07	60°06.894'N, 148°14.118'W	83 feet	67 feet	17/13	Mary Anne Bishop (907) 424-5800 x228
LH1	60°22.9662'N, 147°51.2496'W	20 feet	surface	11/14	Mary Anne Bishop (907) 424-5800 x228
LH2	60°22.7202'N, 147°51.3738'W	249 feet	233 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
LH3	60°23.043'N, 147°50.1564'W	39 feet	surface	11/14	Mary Anne Bishop (907) 424-5800 x228
LH4	60°22.695'N, 147°50.2806'W	473 feet	457 feet	11/14	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
WT1	60°44.472'N, 147°59.001'W	97 feet	81 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WT2	60°44.4174'N, 147°59.208'W	363 feet	347 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WT3	60°44.361'N, 148°0.237'W	133 feet	117 feet	11/14	Mary Anne Bishop (907) 424-5800 x228

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

TYPE/NAME:	POSITION:	WATER DEPTH:	TOP FLOAT DEPTH:	Ref. LNM:	POC:
WT4	60°43.8774'N, 147°58.707'W	244 feet	228 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WT5	60°43.992'N, 147°59.3364'W	252 feet	236 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WT6	60°43.872'N, 148°0.1476'W	42 feet	surface	11/14	Mary Anne Bishop (907) 424-5800 x228
WTRT1	60°44.253'N, 147°59.5596'W	504 feet	488 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WTRT2	60°44.0994'N, 147°59.086'W	504 feet	488 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
WTRT3	60°43.938'N, 147°59.448'W	316 feet	300 feet	11/14	Mary Anne Bishop (907) 424-5800 x228
PWSSC-15	60°36.791'N, 147°11.996'W	722 feet	197 feet (Surfacing 2X per day)	15/16	R. W. Campbell (907) 424-5800 x241

**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
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	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
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
13PC1A	56°15.87'N, 134°40.14'W	174 feet	Surface	06/13	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



## NOTICE FOR SEAFARERS of OCEANOGRAPHIC RESEARCH EQUIPMENT IN WATER

EASTERN BERING SEA Dutch Harbor, AK – St. Matthew Island June - September 2016

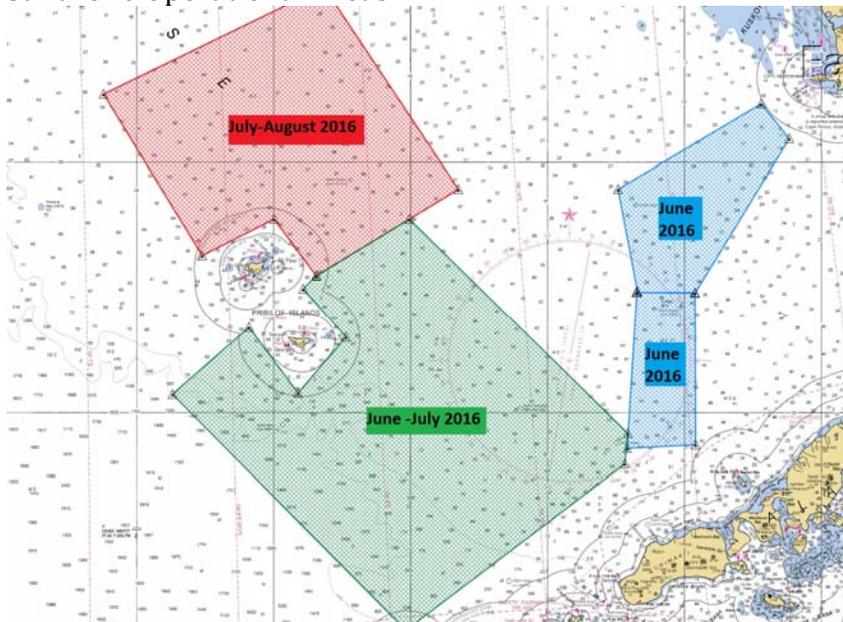
NOAA/PMEL & UW/JISAO will have two Unmanned Science Vehicles deployed in the Eastern Bering Sea for oceanographic research from June – mid September 2016. These will depart and return to Dutch Harbor, and travel as far north as 59.5N.

**VESSELS ARE REQUESTED TO TRANSIT THE AREA WITH CAUTION, AND REMAIN GREATER THAN 500 METERS AWAY FROM THE RESEARCH EQUIPMENT.**

The **Saildrones** are wind powered unmanned vehicles controlled from shore through satellite communications and carry important oceanographic research instrumentation.

- Color: Orange
- Light: single red, green and white at top of sail
- Radar Reflector: none
- Distinguishing Marks/Notation: “Saildrone”
- Length: 19 ft
- Width: 7 ft
- Height: 20 ft above water line
- Draft: 6 ft
- **Average speed: 2-4 knots**
- Maximum speed: 8 knots

### Saildrone Operational Areas



<http://www.pmel.noaa.gov/itae/team-saildrone-2016>



### CONTACT

Pacific Marine Environmental Laboratory  
NOAA/PMEL 7600 Sand Point Way NE Seattle, WA 98115 Phone: (206) 526-6810 Email: [pmel.info@noaa.gov](mailto:pmel.info@noaa.gov)