



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

LOCAL NOTICE TO MARINERS

District: 17

Week: 02/10

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

Issued by: Commander (DPW) Telephone: (907) 463-2272 (0800-1600)
Seventeenth Coast Guard District After Hours: (907) 463-2000 (1600-0800)
PO Box 25517 Facsimile: (907) 463-2273
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: 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 www.navcen.uscg.gov/lnm/d17.

REFERENCES: Light List, Vol. VI, Pacific Coast and Pacific Islands, 2009 Edition (COMDTPUB P16502.6).
U.S. Coast Pilot 8, Pacific Coast Alaska: Dixon Entrance to Cape Spencer, 31st Edition.
U.S. Coast Pilot 9, Pacific and Arctic Coasts Alaska: Cape Spencer to Beaufort Sea, 27th Edition.

BROADCAST NOTICE TO MARINERS

Navigation information previously promulgated by Broadcast Notice to Mariners through 011-10 and still in effect is included in this notice.

Chart Corrections

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>

2009 Light List/ Summary of Corrections

<http://www.navcen.uscg.gov/pubs/LightLists/LightLists.htm>

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>

Coast Pilot Corrections

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

NOAA Weather Buoy Sites

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

Tides on Line

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

Tides, Currents, PORTS

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

Weather

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

ABBREVIATIONS

A through H

I through O

P through Z

ACOE - Army Corps of Engineers
 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
 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
 HAZ - Hazard to Navigation
 HBR - Harbor
 HOR - Horizontal Clearance
 HT - Height

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
 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

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
 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
 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.

741 ALASKA-LORAN C TERMINATION

In accordance with the 2010 DHS Appropriations Act, the U.S. Coast Guard will terminate the transmission of all U.S. LORAN-C signals effective 1100V 08 Feb 2010. At that time, the U.S. LORAN-C signal will be unusable and permanently discontinued. This termination does not affect U.S. participation in the Russian-American or Canadian LORAN-C chains. U.S. participation in these chains will continue in accordance with international agreements. For questions or concerns contact the USCG Navigation Center at (703) 313-5854.

LNM: 02/10

749 ALASKA-PRINCE WILLIAM SOUND-CORDOVA HARBOR-OBSTRUCTION TO NAVIGATION

The 137 foot landing craft SOUND DEVELOPER has sunk in the Cordova Harbor. It is currently located at the end of H float and may not be visible at higher tides. Mariners are requested to transit the area with extreme caution. Questions or concerns should be directed to the Coast Guard at (907)463-2001.

LNM: 49/09

753 ALASKA-CHUKCHI AND BEAUFORT SEAS

Subsurface oceanographic moorings have been placed in the Chukchi and Beaufort Seas. An itemized listing is enclosed. This list supercedes moorings listed in LNM 43/09.

LNM: 48/09

755 ALASKA-PRINCE WILLIAM SOUND-SUBSURFACE MOORINGS

Four oceanographic moorings have been deployed in the positions listed below. Mariners are requested to transit these areas with caution. The moorings were deployed on October 26, 2009, and are scheduled for recovery in May 2010.

Positions:	Depth of Mooring:	Depth of water:
60° 14.23' N 146° 55.23' W	30m	285m
60° 13.46' N 146° 45.01' W	30m	218m
59° 57.40' N 147° 53.44' W	30m	204m
59° 56.07' N 147° 50.28' W	30m	162m

For any questions please contact Mark Halverson (907) 424-5800-x239 or mhalverson@pwssc.org.

LNM: 44/09

783 **ALASKA-BEAUFORT SEA AND BERING SEA-SUBSURFACE MOORINGS**

Woods Hole Oceanographic Institution (WHOI) – Mr. John Kemp
jkemp@whoi.edu

Name	Lat	Lon	Depth
MARU	57°08.638'N	164°30.563'W	70m (surface mooring)

Woods Hole Oceanographic Institution (WHOI) - Dr. Robert Pickart
rpickart@whoi.edu

Name	Lat	Lon	Depth
BS-3	71°23.627'N	152°03.820'W	145m (sub-surface mooring)

University of Washington - Dr. Kate Stafford
Stafford@apl.washington.edu

Name	Lat	Lon	Depth
B2a	71°26.997'N	152°24.004'W	125m (sub-surface mooring)
B3a	71°25.500'N	152°27.003'W	137m (sub-surface mooring)
NMML19	71°32.503'N	155°35.511'W	66m (sub-surface mooring)

UAF Moorings – Okkonen
rpickart@whoi.edu

Name	Lat	Lon	Depth
A1	71°45.033'N	154°28.955'W	102m (sub-surface mooring)
A2	71°27.134'N	152°30.317'W	95m (sub-surface mooring)

LNM: 37/09

788 **ALASKA-BERING STRAIT-SUBSURFACE OCEANOGRAPHIC MOORINGS**

Below are positions of 8 subsurface oceanographic moorings deployed in the Bering Strait region in August 2009 from the Russian vessel Khromov (also known as Spirit of Enderby) under a joint project by the University of Washington (Seattle, USA), the University of Alaska, Fairbanks (USA), and the Arctic and Antarctic Research Institute (St Petersburg, Russia). US funding for these deployments comes from the NOAA -RUSALCA (Russian-US Long-term Census of the Arctic).

Name	lat (deg, min) (N)	long (deg,min) (W)	Water	Depth of depth
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IN US WATERS				
A4-09	65° 44.762'N	168° 15.746'W	50	17
A4W-09	65° 45.424'N	168° 21.937'W	56	17
A2-09	65° 46.870'N	168° 34.044'W	57	17
A2W-09	65° 48.062'N	168° 47.957'W	54	17
A3-09	66° 19.601'N	168° 57.928'W	58	17

IN RUSSIAN WATERS				
A13-09	65° 52.006'N	169° 16.987'W	51	32

A11-09	65° 54.002'N	169° 25.984'W	52	17
A12-09	65° 55.993'N	169° 37.005'W	51	31

These moorings will remain in position from now (Aug/Sept 2009) until at least autumn 2010, possibly longer. Beyond that, we are planning to reoccupy these sites continuously until 2013 at least, with US funding from the National Science Foundation (NSF) and NOAA-RUSALCA. I will send an update of positions every time the moorings are serviced (likely annually).

The moorings carry steel floats, EG&G acoustic releases, acoustic current meters (RDI and Aanderaa) sending at ca.300kHz, and temperature and salinity sensors (Seabird). Six moorings (A11-09, A2-09, A2W-09, A3-09, A4-09 and A4W-09) also carry temperature salinity sensor ~ 17m below the surface in an ice-resistant housing.

Primary contact: Rebecca Woodgate (woodgate@apl.washington.edu)
 Applied Physics Laboratory
 University of Washington
 1013 NE 40th Street, Seattle, WA 98105, USA
 Tel: 206-221-3268; Fax: 206-616-3142
<http://psc.apl.washington.edu/BeringStrait.html>

LNM: 36/09

791 **ALASKA-SOUTHEAST-SUBSURFACE MOORINGS**

Below are positions of 24 subsurface fisheries oceanographic moorings deployed in Icy Strait, Chatham Strait and Frederick Sound during 21-26 August 2009 under a joint project by Alaska Department of Fish and Game, the National Marine Fisheries Service, the International Pacific Halibut Commission and the Pacific Ocean Shelf Tracking Project. The receiver moorings will remain in place until spring 2010.

Location	Position	Water Depth	Top Float Depth
Icy Strait (South Passage)	58° 14.8262'N, 136° 7.32546'W	660 feet	390 feet
Icy Strait (South Passage)	58° 14.6112'N, 136° 7.28972'W	614 feet	594 feet
Icy Strait (South Passage)	58° 14.5037'N, 136° 7.27185'W	541 feet	521 feet
Icy Strait (South Passage)	58° 14.3962'N, 136° 7.25398'W	522 feet	502 feet
Icy Strait (South Passage)	58° 14.2887'N, 136° 7.23611'W	358 feet	338 feet
Icy Strait (South Passage)	58° 14.1812'N, 136° 7.21824'W	266 feet	246 feet
Chatham Strait	56° 9.5927'N, 134° 33.39667'W	1821 feet	387 feet
Chatham Strait	56° 9.6115'N, 134° 33.78278'W	1814 feet	1795 feet
Chatham Strait	56° 9.6209'N, 134° 33.97584'W	1820 feet	1800 feet
Chatham Strait	56° 9.6303'N, 134° 34.1689'W	1811 feet	1791 feet
Chatham Strait	56° 9.6397'N, 134° 34.36195'W	1811 feet	1791 feet
Chatham Strait	56° 9.6491'N, 134° 34.55501'W	1798 feet	1778 feet
Chatham Strait	56° 8.6362'N, 134° 25.56783'W	1916 feet	417 feet
Chatham Strait	56° 8.655'N, 134° 25.95379'W	1930 feet	1910 feet
Chatham Strait	56° 8.6644'N, 134° 26.14676'W	1932 feet	1912 feet
Chatham Strait	56° 8.6738'N, 134° 26.3397'W	1936 feet	1916 feet
Chatham Strait	56° 8.6832'N, 134° 26.53272'W	1932 feet	1912 feet
Chatham Strait	56° 8.6926'N, 134° 26.7257'W	1932 feet	1912 feet
Frederick Sound	57° 3.34'N, 134° 15.64'W	1180 feet	928 feet
Frederick Sound	57° 3.1874'N, 134° 15.35938'W	1155 feet	1135 feet
Frederick Sound	57° 3.1111'N, 134° 15.21907'W	1155 feet	1135 feet
Frederick Sound	57° 3.0348'N, 134° 15.07877'W	1155 feet	1135 feet
Frederick Sound	57° 2.9584'N, 134° 14.93847'W	1158 feet	1138 feet
Frederick Sound	57° 2.8821'N, 134° 14.79818'W	1158 feet	1138 feet

Please contact Dave Carlile (907) 465-4216 with any questions or concerns.

LNM: 35/09

800 **NOAA MOORING IN BERING SEA-AUGUST 2009**

NOAA has deployed the following moorings:

BS09_1: 53° 37.88' N x 167° 23.57' W (near Umnak Pass)

BS09_2: 55° 45.08' N x 164° 59.47' W
 BS09_3: 54° 25.59' N x 165° 15.93' W (Unimak Pass)

These moorings are subsurface, extending approximately 10 feet up from the seafloor. They will be recovered in August 2010.

Please contact Catherine Berchok at (206) 526-6331 with any questions or concerns.

LNM: 33/09

857 **ALASKA-CHUKCHI AND BEAUFORT SEAS-METOCEAN BUOY DEPLOYMENT**

Shell Offshore Inc. has deployed two Metocean buoys in the locations below. The buoys are yellow and have a radar reflector as well as a strobe light. For any questions or concerns contact Susan Childs at (907) 770-3700, susan.childs@shell.com.

Name	Latitude	Longitude	Depth
IN CHUKCHI SEA			
Burger Metocean Buoy	71.508°N	164.072°W	150ft
IN BEAUFORT SEA			
Sivulliq Metocean Buoy	70.37°N	146.04°W	110ft

LNM: 22/09

884 **ALASKA-PRINCE WILLIAM SOUND-SUBSURFACE MOORINGS**

The following sub-surface moorings have been deployed in Port Gravina, Prince William Sound

- PST1 60°39.100'N, 146°16.682'W at a depth of 47 meters with a top float depth of 42 meters
- PST2 60°39.338'N, 146° 17.353'W at a depth of 69 meters with a top float depth of 64 meters
- PST3 60° 39.568'N, 146° 18.040'W at a depth of 119 meters with a top float depth of 114 meters
- PST4 60° 39.798'N, 146° 18.726'W at a depth of 130 meters with a top float depth of 125 meters
- PST5 60° 40.028'N, 146°19.413'W at a depth of 128 meters with a top float depth of 123 meters
- PST6 60°40.257'N, 146°20.100'W at a depth of 125 meters with a top float depth of 120 meters
- PST7 60°40.487'N, 146°20.786'W at a depth of 90 meters with a top float depth of 85 meters
- PST8 60°40.717'N, 146°21.473'W at a depth of 71 meters with a top float depth of 66 meters
- PST9 60°40.947'N, 146°22.160'W at a depth of 59 meters with a top float depth of 54 meters
- PST10 60°41.176'N, 146°22.846'W at a depth of 43 meters with a top float depth of 38 meters
- PST11 60°39.078'N, 146°16.243'W at a depth of 17 meters with a top float depth of 15 meters
- PST12 60°41.331'N, 146°23.471'W at a depth of 17 meters with a top float depth of 15 meters
- PST13 60°41.434'N, 146°23.936'W at a depth of 10 meters with a top float depth of 2 meters
- PWS1 60°38.556'N, 146°17.241'W at a depth of 11 meters with a top float depth of 9 meters
- PWS2 60°39.822'N, 146°15.150'W at a depth of 13 meters with a top float depth of 11 meters
- PWS3 60°40.002'N, 146°15.513'W at a depth of 13 meters with a top float depth of 11 meters
- PWS4 60°40.116'N, 146°14.910'W at a depth of 11 meters with a top float depth of 9 meters
- PWS5 60°40.324'N, 146°14.047'W at a depth of 15 meters with a top float depth of 13 meters
- PWS6 60°40.341'N, 146°14.324'W at a depth of 17 meters with a top float depth of 15 meters
- PWS7 60°41.331'N, 146°19.406'W at a depth of 12 meters with a top float depth of 10 meters
- PWS8 60°41.538'N, 146°19.276'W at a depth of 13 meters with a top float depth of 11 meters

The point of contact for these moorings is: Mary Anne Bishop (907)-424-5800 x 228

LNM: 18/09

952 **OCEANOGRAPHIC MOORINGS IN THE ALASKAN BEAUFORT SEA**

19 Oceanographic Moorings have been deployed in the following positions, the depths of moorings and the depth of water at the position is listed below. Mariners are requested to transit these areas with caution.

Positions:	Depth of Mooring:	Depth of water:
71° 02.79' N, 149° 35.45' W	Bottom to Surface Daily	34m
71° 8.03' N, 149° 27.64' W	Bottom to Surface Daily	46m
71° 13.10' N, 149° 19.96' W	Bottom to Surface Daily	251m
71° 23.66' N, 152° 03.03' W	Bottom to Surface Daily	148m
71° 45.02' N, 154° 28.96' W	Bottom to 20m below Surface	100m

71° 27.13' N, 152° 30.32' W	Bottom to 20m below Surface	98m
71° 16.91' N, 149° 20.05' W	Bottom to 20m below Surface	1288m
71° 22.53' N, 149° 19.11' W	Bottom to 60ft below Surface	1858m
71° 22.18' N, 149° 36.84' W	Bottom to 60ft below Surface	1703m
70° 37.94' N, 150° 13.85' W	1 meter above bottom	13m
70° 46.12' N, 149° 59.92' W	1 meter above bottom	20m
70° 52.87' N, 149° 50.49' W	1 meter above bottom	28m
71° 34.49' N, 155° 42.62' W	5 meters above bottom	110m
71° 13.11' N, 149° 20.75' W	5 meters above bottom	252m
71° 35.75' N, 155° 38.73' W	5 meters above bottom	173m
71° 34.08' N, 155° 35.27' W	5 meters above bottom	118m
71° 27.81' N, 152° 14.76' W	5 meters above bottom	134m
71° 22.95' N, 152° 18.59' W	5 meters above bottom	92m
71° 07.95' N, 149° 27.61' W	5 meters above bottom	46m

For any questions please contact Mr. Thomas Weingartner at (907) 474-7993.

LNM: 35/08

SECTION II - DISCREPANCIES

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

DISCREPANCIES (FEDERAL AIDS)

LLNR	Aid Name	Status	Chart No.	BNM Ref.	LNM St	LNM End
984.3	NOAA Tsunami Warning Lighted Buoy 46402	ADRIFT	500	391-09	40/09	
1028	NOAA Data Lighted Buoy 46084	MISSING	531	502-08	53/08	
22403	Clark Bay Light 2	LT EXT	17426	495-09	52/09	
22435	Meyers Chuck Daybeacon 3	STRUCT DEST/DBN DEST	17423	454-09	46/09	
23123	Beckhams Beach Daybeacon 51A	DBN DMGD	17375	008-10	02/10	
25050	Kasiana Island Shoal Daybeacon 1	DBN DEST	17324	295-09	30/09	
26075	Chugach Passage Lighted Buoy 2	LT EXT	16645	005-10	01/10	
27085	Popof Strait Lighted Buoy 3	LT EXT	16553	485-09	50/09	
27410	Isanotski Strait Light 3	LT EXT	16535	009-10	02/10	

DISCREPANCIES (FEDERAL AIDS) CORRECTED

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

DISCREPANCIES (PRIVATE AIDS)

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

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
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
1028	NOAA Data Lighted Buoy 46084	DISCONTINUED	531	502-08	29/09	
25050	Kasiana Island Shoal Daybeacon 1	TRUB	17324	299-09	30/09	
26950	NOAA Data Lighted Buoy 46077	DISCONTINUED	16580	476-09	50/09	
27565	Port Moller Entrance Lighted Spar Buoy 2	DISCONTINUED	16363	430-09	42/09	
27570	Port Moller Entrance Lighted Spar Buoy 3	DISCONTINUED	16363	407-09	41/09	
27590	Hague Channel Lighted Spar Buoy 4	DISCONTINUED	16363	407-09	41/09	
27595	Hague Channel Buoy 5	DISCONTINUED	16363	430-09	42/09	
27600	Hague Channel Buoy 6	DISCONTINUED	16363	430-09	42/09	
27605	Hague Channel Lighted Spar Buoy 7	DISCONTINUED	16363	407-09	41/09	
27610	Hague Channel Lighted Spar Buoy 8	DISCONTINUED	16363	407-09	41/09	
27615	Hague Channel Lighted Spar Buoy 9	DISCONTINUED	16363	407-09	41/09	

TEMPORARY CHANGES CORRECTED

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

None

PLATFORM TEMPORARY CHANGES

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

None

PLATFORM TEMPORARY CHANGES CORRECTED

Name	Status	Position	BNM Ref.	LNM St	LNM End
None					

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
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.

16471	12th Ed.	01-OCT-09	Last LNM: 44/09	NAD 83	02/10
<i>ChartTitle: Atka Pass to Adak Strait;Three Arm Bay, Adak Island;Kanaga Bay, Kanaga Island;Chapel Roads and Chapel Cove, Adak Island</i>					
CHART ANDREANOF ISLS.-ATKA PASS TO ADAK STRAIT. Page/Side: N/A					
CHANGE	Sweeper Cove Range Front Light to Q G 31ft			CGD17 at 51-51-09.174N	176-39-15.018W
CHANGE	Sweeper Cove Range Rear Light to Oc G 4s 91ft			CGD17 at 51-51-04.868N	176-39-37.761W
16475	9th Ed.	16-MAY-98	Last LNM: 21/08	NAD 83	02/10
<i>ChartTitle: Kuluk Bay and approaches, including Little Tanaga and Kagalaska Strs.</i>					
Main Panel 2494 KULUK BAY AND APPROACHES INCLUDING TANAGA AND KAGALASKA STRAITS. Page/Side: N/A					
CHANGE	Sweeper Cove Range Front Light to Q G 31ft			CGD17 at 51-51-09.174N	176-39-15.018W
CHANGE	Sweeper Cove Range Rear Light to Oc G 4s 91ft			CGD17 at 51-51-04.868N	176-39-37.761W
16476	10th Ed.	18-OCT-97	Last LNM: 10/08	NAD 83	02/10
<i>ChartTitle: Sweeper Cove, Finger and Scabbard Bays</i>					
Main Panel 2495 ADAK ISLAND SWEEPER COVE FINGER AND SCABBARD BAYS. Page/Side: N/A					
CHANGE	Sweeper Cove Range Front Light to Q G 31ft			CGD17 at 51-51-09.174N	176-39-15.018W
CHANGE	Sweeper Cove Range Rear Light to Oc G 4s 91ft			CGD17 at 51-51-04.868N	176-39-37.761W
17360	35th Ed.	01-JUN-08	Last LNM: 35/09	NAD 83	02/10
<i>ChartTitle: Etolin Island to Midway Islands, including Sumner Strait;Holkham Bay;Big Castle Island</i>					
CHART ETOLIN ISLAND TO MIDWAY ISLANDS, INCLUDING SUMNER STRAIT, HOLKHAM BAY. Page/Side: N/A					
RELOCATE	Calder Rocks Lighted Whistle Buoy 6			CGD17 from 56-15-38.800N to 56-15-36.284N	133-43-22.650W 133-43-22.705W
CHANGE	Calder Rocks Lighted Whistle Buoy 6 to R "6" FI R 4s WHIS			CGD17 at 56-15-36.284N	133-43-22.705W
17378	14th Ed.	01-FEB-04	Last LNM: 35/09	NAD 83	02/10
<i>ChartTitle: Port Protection, Prince of Wales Island</i>					
Main Panel 2702 PRINCE OF WALES ISLAND PORT PROTECTION. Page/Side: N/A					
RELOCATE	Calder Rocks Lighted Whistle Buoy 6			CGD17 from 56-15-38.800N to 56-15-36.284N	133-43-22.650W 133-43-22.705W
CHANGE	Calder Rocks Lighted Whistle Buoy 6 to R "6" FI R 4s WHIS			CGD17 at 56-15-36.284N	133-43-22.705W
17387	13th Ed.	20-JAN-01	Last LNM: 35/09	NAD 83	02/10
<i>ChartTitle: Shakan and Shipley Bays and Part of El Capitan Passage;El Capitan Pasage, Dry Pass to Shakan Strait</i>					
CHART SHAKAN AND SHIPLEY BAYS AND PART OF EL CAPITAN PASSAGE. Page/Side: N/A					
RELOCATE	Calder Rocks Lighted Whistle Buoy 6			CGD17 from 56-15-38.800N to 56-15-36.284N	133-43-22.650W 133-43-22.705W
CHANGE	Calder Rocks Lighted Whistle Buoy 6 to R "6" FI R 4s WHIS			CGD17 at 56-15-36.284N	133-43-22.705W
17400	17th Ed.	01-MAR-07	Last LNM: 48/09	NAD 83	02/10
<i>ChartTitle: Dixon Entrance to Chatham Strait</i>					
Main Panel 2715 DIXON ENTRANCE TO CHATHAM STRAIT. Page/Side: N/A					
NOS					

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>			
Rush Point Shoal Buoy 1 (LLNR 24220)			
ALASKA - Seventeenth District - STEPHENS PASSAGE TO CROSS SOUND (Chart 17300) - Glacier Bay :			
The USCG proposes to convert Rush Point Shoal Buoy 1 (LLNR 24220) from seasonal to year round operation. Please submit comments to LTJG Kelly Hansen at Kelly.K.Hansen@uscg.mil.			
Chart 17300		LNM: 49/09	

SECTION VII - GENERAL

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

965 **NOAA Begins testing Booklet Charts**
The NOAA Booklet Chart™ is an experimental product that you can print at home for free. They are made to help recreational boaters locate themselves on the water. The Booklet Chart is reduced in scale and divided into pages for convenience, but otherwise contains all the information of the full-scale nautical chart. Bar scales are also reduced in scale, but are accurate when used to measure distances in a Booklet Chart. Excerpts from the United States Coast Pilot are included. Most chart notes are consolidated on a single page for easy reference. Emergency information for the charted area is printed on the back cover. Booklet Charts are available from the NOAA Office of Coast Survey's Web site at: www.nauticalcharts.noaa.gov/staff/BookletChart.html
<<http://www.nauticalcharts.noaa.gov/staff/BookletChart.html>>

LNM: 50/09

967 **ALASKA-MARINE DEBRIS AND HIGH SEAS DRIFT NETS**
The Marine Conservation Alliance (MCA) Foundation is requesting information on marine debris accumulation and high seas drift nets. Additional information is enclosed.

LNM: 29/09

986 **REQUEST FOR INFORMATION ON THE USE OF LARGE SCALE DRIFTNETS ON THE HIGH SEAS**
The United States Coast Guard (USCG) requests mariners be on the lookout for and report any observed driftnets or vessels engaged in driftnet fishing on the high seas (more than 200NM from shore). Sighting information may be made to any of the following Coast Guard offices:

Offices	Phone	Fax	Telex	Email
USCG Pacific Area Commander (drmc) Coast Guard Island, 51-2 Alameda, CA 94501	(510) 437-3701			RCCAlameda@uscg.mil
USCG 14th District Commander D14 (drm)	(800) 331-6176	(808) 541-2500		JRCCHonolulu@uscg.mil

986

REQUEST FOR INFORMATION ON THE USE OF LARGE SCALE DRIFTNETS ON THE HIGH SEAS

300 Ala Moana Blvd Rm 9-232
Honolulu, HI 96850-4982

USCG 17th District (800) 478-5555 (907) 463-2023 49615066 JRCCJuneau@uscg.mil
Commander D17 (drm) (907) 463-2000
PO Box 25517, Rm 771
Juneau, AK 99802-5517

Illegal high seas driftnet (HSDN) fishing has historically been conducted in the Northwest Pacific Ocean. Mariners following great circle routes between North America and Asia are most likely to encounter this activity. Fishing activity normally takes place between April 1st and October 31st. However, illegal activity may occur in other areas and at other times of the year.

Information desired includes date, time, position, and description of gear/vessel, name of vessel, homeport, flag state and observed activity. Video or photographs are highly desired and can be mailed or emailed to any of the offices above.

HSDN Fishing Vessel Characteristics:

HSDN fishing vessels typically range from 120 to 200 feet in length and are usually in fair to poor condition. Distinguishing characteristics include:

- Net tube: A large, usually white tube, which extends from the working deck to the net bin located aft. This tube is about two feet in diameter, runs along the port or starboard side of the superstructure, and may be visible from both the surface and air.
- Net bin: A structure normally located on an aft deck in which the nets are stored.
- Net spreader: A triangular or roller net spreading device, which prevents the net from becoming entangled as it enters the water. While only visible from the stern, this is one characteristic, which clearly distinguishes a HSDN fishing vessel from a longline or other fishing vessel.
- Transponders: The radio transponders are approximately 4-6 feet tall, are used to mark the end of a net and are normally stored in racks on the weather decks.

When the net is in the water, it is normally suspended using cylindrical floats spaced every few feet, similar to swimming pool lane markers, with the ends of the nets marked with radio transponders. Other types of floats may be used, including larger spherical floats about 2-3 feet in diameter. The driftnets may vary from a couple hundred yards to several nautical miles in length.

LNM: 12/08

988

REQUEST TO SUPPORT AMERICA'S WATERWAY WATCH PROGRAM

The U. S. Coast Guard and the Coast Guard Auxiliary have established a national maritime homeland security awareness program called America's Waterway Watch that asks those who work, live, or recreate on or near the water to be aware of suspicious activity that might indicate threats to our country-s homeland security. Americans are urged to adopt a heightened sensitivity toward unusual events and individuals they may encounter in or around ports, docks, marinas, riversides, beaches, or communities. Anyone observing suspicious activity is asked to note details and contact the National Response Center at (877) 24 WATCH (9-2824) or (800)424-8802. In the case of immediate danger to life or property, call local authorities at 911 or contact the Coast Guard on VHF-FM channel 16. The Coast Guard cautions people not to approach or challenge anyone acting in a suspicious manner.

Suspicious activities include:

- People appearing to be engaged in surveillance of any kind.
- Unattended vessels or vehicles in unusual locations.
- Lights flashing between boats.
- Unusual diving activity.
- Unusual number of people onboard a vessel.
- Unusual night operations.
- Recovering or tossing items into/onto the waterway or shoreline.
- Operating in or passing through an area that does not typically have such activity.

Watch for vessels and individuals in locations:

- Under and around bridges, tunnels, or overpasses.
- Near commercial areas or services like ports, fuel docks, cruise ships, or marinas.
- Near industrial facilities like power plants and oil, chemical, or water intake facilities.
- Near military bases and vessels, other government facilities, or security zones.

More information, downloadable file of brochures, decals, posters, and wallet size cards are available at:
<http://www.americaswaterwaywatch.org/>.

LNM: 43/07

991

ALASKA-BRISTOL BAY-TOGIAK

A large tank has been reported in approximate position 59° 02' 31" N, 160° 25' 18" W. The tank is exposed at low tide and is submerged at high tide but has a marker on it. Mariners are requested to transit the area with caution. For further information contact Darryl Thompson at (907) 493-5065.

991 **ALASKA-BRISTOL BAY-TOGIAK**

LNM: 35/06

992 **ALASKA-BRISTOL BAY-UGASHIK BAY**

Two Vessels have sunk at the mouth of Ugashik Bay, near position 57° 35.7' N, 157° 45.9' W. Mariners are requested to transit the area with caution. For further information contact Coast Guard Sector Anchorage at (907) 271-6770.

LNM: 29/06

993 **ALASKA-PORT VALDEZ SECURITY ZONE**

33 CFR 165.1710 has established a security zone encompassing the trans-Alaskan Pipeline System (TAPS) Valdez Terminal Complex, the TAPS tank vessels, and the Valdez Narrows. The security zones are necessary to protect the Alyeska Marine Terminal and TAPS tankers from damage or injury. The following is the security zone around the Alyeska Marine terminal: all waters enclosed within a line beginning on the southern shoreline of Port Valdez at 61° 05' 03.6" N, 146° 25' 42" W; thence northerly to 61° 06' 00" N, 146° 25' 42" W; thence east to 61° 06' 00" N, 146° 21' 30" W; thence south to 61° 05' 06" N, 146° 21' 30" W; thence west along the shoreline and including the area 2000 yards inland along the shoreline to the beginning point. The northern points are illustrated by yellow buoys marked as numbers 25834 and 25835 in the light list. The southern points are marked by two yellow day beacons. As stated in chapter 1 of any Coast Pilots, and the Preface to any Coast Guard Light List, all mariners are reminded that buoys illustrate an approximate position, that mariners must not rely on buoys alone to determine position or navigation. Note: previous positions for the security zone were incorrect due to a publishing error. For further information contact the Captain of the Port at (907) 835-7262 or (907) 835-7205.

LNM: 27/06

995 **Escorted High Capacity Passenger Vessel Moving Security Zone**

The Coast Guard is establishing permanent moving security zones around all escorted High Capacity Passenger Vessels (HCPV) and escorted Alaska Marine Highway System (AMHS) Vessels during their transits in the navigable waters of the Seventeenth Coast Guard District. No vessel may approach within 100 yards of an escorted HCPV or escorted AMHS vessel during their transits within the navigable waters of the Seventeenth Coast Guard District. Persons desiring to transit within 100 yards of a moving, escorted HCPV or AMHS vessel must contact the designated on scene representative on VHF channel 16 (156.800 MHz) or VHF channel 13 (156.650 MHz) to receive permission. If permission is granted to transit within 100 yards of an escorted HCPV or AMHS vessel, all persons and vessels must comply with the instructions of the designated on scene representative. All commercial fishing vessels as defined by 46 U.S.C. 2101(11a) while actively engaged in fishing are exempted from the provisions of this section. Moored or anchored vessels that are overtaken by this moving zone must remain stationary at their location until the escorted vessel maneuvers at least 100 yards. For further information contact: U.S. Coast Guard District 17 (dpi), 709 West 9th Street, Juneau, AK 99801, (907) 463-2821.

LNM: 17/06

997 **ALASKA-COOK INLET-SECURITY ZONE**

The following areas are established as security zones during the specified conditions: All navigable waters within a 1000-yard radius of the Liquefied Natural Gas (LNG) tankers during their inbound and outbound transits through Cook Inlet, Alaska between the Phillips Petroleum LNG Pier, 60° 40' 43" N and 151° 24' 10" W, and the Homer Pilot Station at 59° 34' 86" N and 151° 25' 74" W. All navigable waters within a 1000-yard radius of the Liquefied Natural Gas tankers while they are moored at Phillips Petroleum LNG Pier, 60° 40' 43" N and 151° 24' 10" W. Any concerned vessel traffic should contact Marine Safety Detachment Kenai at (907) 283-3292.

LNM: 33/05

998 **BRIDGE-TO-BRIDGE RADIOTELEPHONE LISTENING WATCH**

VHF radio equipment used to meet the U.S. Bridge-to-Bridge Radiotelephone Act requirement for maintaining a listening watch on the vessel bridge-to-bridge navigation channel 13 must be capable of a continuous, uninterrupted watch. Any radio equipment capable of disrupting the channel 13 watch by a distress call on channel 16 or a distress call on the Global Maritime Distress & Safety System digital selective calling channel 70 should either not be used or have that disruption feature disabled.

LNM: 33/05

SECTION VIII - LIGHT LIST CORRECTIONS

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

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
22985	BLIND POINT RANGE REAR LIGHT 281.5 yards, 050.4° from front light.	56-38-39.675N 132-55-13.480W	F Y	31		KRW on steel pile structure.	Visible 4° each side of rangeline.	02/10
							*	
23390	<i>Calder Rocks Lighted Whistle Buoy 6</i>	56-15-36.284N 133-43-22.705W	FIR 4s		5	Red.		02/10
	*							

SECTION VIII - LIGHT LIST CORRECTIONS (Continued)

(1) No.	(2) Name and Location	(3) Position	(4) Characteristic	(5) Height	(6) Range	(7) Structure	(8) Remarks	
25120	WHITESTONE NARROWS RANGE FRONT LIGHT	57-15-11.259N 135-34-04.876W	Q W	24		KRW on pile.	Visible all around.	02/10
27542	SWEEPER COVE RANGE FRONT LIGHT	51-51-09.174N 176-39-15.018W	Q G	31		KRW on pile structure.	*	02/10
27543	SWEEPER COVE RANGE REAR LIGHT 475 yards, 253° from front light.	51-51-04.868N 176-39-37.761W	* Oc G 4s	91		KRW on pile.	*	02/10
			*				*	

PUBLICATION CORRECTIONS

None

ENCLOSURES

ALASKA-CHUKCHI AND BEAUFORT SEAS[LNM notice moorings Oct-09.pdf](#)

An itemized listing of subsurface moorings currently in place and/or recently recovered is attached.

LNM: 48/09

ALASKA-MARINE DEBRIS AND HIGH SEAS DRIFT NETS[Marine Debris.pdf](#)

Additional information is enclosed.

LNM: 29/09

J. M. BOYER
Waterways Management Branch
Seventeenth Coast Guard District

OPERATIONAL EXCELLENCE THROUGH LEADERSHIP, TEAMWORK, AND INNOVATION.

Notification of Oceanographic Moorings in the Western North American Arctic

Sub-surface oceanographic moorings in the Beaufort and Chukchi Seas, October 2009 to September 2010

Station	Type	Area	Latitude	Longitude	Depth of shallowest component (m)	Water depth (m)	Date IN
DVH09-1a	400 kHz sonar	Mackenzie shelf	70 19.934	133 44.297	52	56	28-Sep-2009
DVH09-1b	300 kHz sonar	Mackenzie shelf	70 19.971	133 44.471	52	56	28-Sep-2009
DVH09-2	200 & 300 kHz sonar	Mackenzie shelf	70 59.207	133 44.906	53	112	28-Sep-2009
DVH09-11	900 kHz sonar	Mackenzie shelf	69 46.475	137 02.729	32	35	30-Sep-2009
DVH09-A1	400 kHz sonar	North slope	70 22.002	145 59.978	28	31	02-Oct-2009
DVH09-A2	600 kHz sonar	North slope	70 21.980	146 00.101	29	32	02-Oct-2009
DVH09-V1	400 kHz sonar	North slope	70 37.999	146 08.107	42	45	04-Oct-2009
DVH09-V2	300 kHz sonar	North slope	70 37.999	146 08.225	44	47	04-Oct-2009
AIM09-1	400 & 300 kHz sonar	Chukchi Plateau	75 05.997	167 59.978	41	162	06-Oct-2009
DVH09-Bu1	400 kHz sonar	E Chukchi Sea	71 14.372	163 16.852	42	45	07-Oct-2009
DVH09-Bu2	300 kHz sonar	E Chukchi Sea	71 14.392	163 16.812	42	45	07-Oct-2009
DVH09-Cj1	400 kHz sonar	E Chukchi Sea	71 10.202	166 45.007	42	45	08-Oct-2009
DVH09-Cj2	300 kHz sonar	E Chukchi Sea	71 10.182	166 44.932	42	45	08-Oct-2009
ESS-09	400 & 300 kHz sonar	N Chukchi Sea	74 36.173	170 59.805	40	231	05-Oct-2009

Sub-surface oceanographic moorings removed from the Beaufort and Chukchi Seas in October 2009

Station	Type	Area	Latitude	Longitude	Replacement mooring listed above?	Water depth (m)	Date OUT
DVH08-1a	200 kHz sonar	Mackenzie shelf	70 19.973	133 44.471	Yes	55	28-Sep-2009
DVH08-1b	300 kHz sonar	Mackenzie shelf	70 19.928	133 44.293	Yes	55	28-Sep-2009
DVH08-2	200 & 300 kHz sonar	Mackenzie shelf	70 59.209	133 44.921	Yes	111	28-Sep-2009
DVH08-11	900 kHz sonar	Mackenzie shelf	69 46.475	137 02.729	Yes	35	30-Sep-2009
DVH08-A1	400 kHz sonar	North slope	70 21.982	146 00.102	Yes	31	02-Oct-2009
DVH08-A2	600 kHz sonar	North slope	70 21.995	145 59.982	Yes	32	02-Oct-2009
DVH08-K1	400 kHz sonar	North slope	70 17.385	145 19.154		31	02-Oct-2009
DVH08-K2	600 kHz sonar	North slope	70 17.381	145 19.274		31	02-Oct-2009
DVH08-V1	400 kHz sonar	North slope	70 37.998	146 08.192	Yes	47	02-Oct-2009
DVH08-V2	300 kHz sonar	North slope	70 37.998	146 08.094	Yes	47	02-Oct-2009
AIM08-1	199 & 300 kHz sonar	Chukchi Plateau	75 05.972	167 59.984	Yes	163	06-Oct-2009
DVH08-Bu1	400 kHz sonar	E Chukchi Sea	71 14.371	163 16.847	Yes	45	07-Oct-2009
DVH08-Bu2	300 kHz sonar	E Chukchi Sea	71 14.397	163 16.811	Yes	45	07-Oct-2009
DVH08-Cj1	400 kHz sonar	E Chukchi Sea	71 10.197	166 45.005	Yes	46	08-Oct-2009
DVH08-Cj2	300 kHz sonar	E Chukchi Sea	71 10.183	166 44.931	Yes	46	08-Oct-2009

Sub-surface oceanographic moorings NOT FOUND in October 2009

We believe that these mooring have been dragged north-east into deeper water by a surge of strong current through Barrow Canyon

The present locations are not known. A search will be conducted in late July 2010.

It is most likely that the present top depth of each mooring is appreciably greater than the original 40-43 m

Station	Type	Area	Latitude	Longitude	Replacement mooring listed above?	Water depth (m)
BC-E-08	Passive sensors	Barrow canyon	71 40.481	154 58.921		106
BC-C-08	300 kHz sonar + passive sensors	Barrow canyon	71 43.874	155 09.662		184
BC-W-08	Passive sensors	Barrow canyon	71 48.246	155 20.073		172

Positions NAD-83 via GPS, verified by Navigation Officer

Soundings Echo sounder, corrected for ship's draft & sound speed

Positions NAD-83

Colour ORANGE for sites within 200 miles of USA

Vessel CCGS Sir Wilfrid Laurier

Agency Fisheries and Oceans Canada
Institute of Ocean Sciences, Sidney BC Canada

Contact Dr Humfrey Melling
250-363-6552
Humfrey.Melling@dfo-mpo.gc.ca

Wanted: High Seas Driftnet



To document Illegal, Unregulated and Unreported (IUU) fishing activity, the MCA Foundation is looking for reports and samples of high seas driftnets – like the sample above – found along on the Alaska coast. Look for:

- Mono-filament gillnet with a mesh size of about 4½ inches (115mm)
- Doubled cork line with oblong “banana” float

Send reports of sightings – with GPS coordinates and photos if possible – to marinedebris@ak.net. Net samples (1 sq. foot) are also welcome. Send to: MCA Foundation, 431 N. Franklin St., Suite 305, Juneau AK, 99801.

NOTE: “Banana” floats are quite common along the Alaska coast. Please send reports of netting only. Thank you for your assistance.



MARINE DEBRIS

It's not just an eyesore...

It's a threat
to fish, seabirds and marine mammals...

And it can foul your prop!

The MCA FOUNDATION wants to know
where marine debris accumulates in Alaska
to plan future cleanups and
YOU CAN HELP.

Report sightings of marine debris:

- Location and GPS coordinates
- Description of debris
- Estimated amount

E-mail reports and photos to marinedebris@ak.net
Or phone us at (907) 523-0731

Learn more on the web at: www.MCAFoundation.org

Thanks for helping reduce marine debris!

Report hazardous materials directly to the US Coast Guard at
1-800-424-8802.

