

LOCAL NOTICE TO MARINERS

U.S. Department of Transportation

United States Coast Guard

MONTHLY EDITION - SEPTEMBER 1997

****FAX-ON-DEMAND - LOCAL NOTICE TO MARINERS AT (703) 313-5931 or 5932 ****

**** Electronic Bulletin Board Service: (703) 313-5910 ****

300 to 28.8 bps, 8 data bite, no parity 1 stop bit

**** NIS watchstander, 24 hours a day at (703) 313-5900 ****

**** INTERNET ADDRESS ****

http: // www.navcen.uscg.mil

OR

FTP: //ftp.navcen.uscg.mil

Issued by: Commander (mon):
Seventeenth Coast Guard District
P.O. Box 25517
Juneau, AK 998025517

Telephone: (907) 462272 (0800-1600)
(907) 463-2004 (1600-0800)

Facsimile: (907) 4632273

Questions comments or additional information on this Local Notice to Mariners or the Local Notice to Mariners mailing list (additions, deletions, corrections) sh be directed to the address above.

*For faster service, get the 17th District Local Notice to Mariners via e-mail. To get on our electronic mailing list, send us an e-mail navicgnav@alaska.net

LIGHT LIST REFERENCE: COMDTPUB P16502.6 VOL. VI 1996 EDITION

BROADCAST NOTICE TO MARINERS

Navigation information, previously promulgated by Broadcast Notice to Mariners 161/97 through 414/97 and still in effect, is included in this notice.

USE OF THE LOCAL NOTICE TO MARINERS

The monthly edition of the Local Notice to Mariners contains information relevant to the waterways within the Seventeenth Coast Guard District. This monthly edition should be retained as a reference for subsequently issued weekly supplements.

I SPECIAL NOTICES

DISCREPANCY REPORTS OF THE MARINE DIFFERENTIAL GLOBAL POSITIONING SYSTEM (DGPS)

The U.S Coast Guard is in the Initial Operational Capability (IOC) phase of the marine DGPS service. During IOC, the DGPS service is available for positionir navigation. However, users are always cautioned to use all available navigational tools to ensure proper evaluation of positioning solutions. During this IOC pl system validation tests are being conducted, procurement and installation of the next generation of transmitters are being pursued, the control station software upgraded and other problems identified during the pre-operational and IOC phases are being resolved.

To facilitate the evaluation and development of the final DGPS service, reports of DGPS discrepancies are highly beneficial. To ensure timely and complete information, user discrepancy reports are requested in the following format:

DGPS User Discrepancy Report

- A. Date:
- B. Reporting source:
- C. Reporting source phone number (day/night):
- D. Reporting source position (Lat/Long/general geographic location):
- E. Date/time of event:
- F. Duration of the occurrence:
- G. Reporting source activity:
- H. Weather conditions:
- I. Bearing and range of electrical storm:
- J. DGPS broadcast site in use:
- K. Type of DGPS receiver used:
- L. Problem DGPS receiver indicated:
- M. Other receiver indications:
- N. DGPS beacon signal strength observed:
- O. DGPS beacon signal to noise ratio observed:
- P. User DGPS receiver operates correctly with other DGPS sites: Y/N
- Q. Does receiver function properly in GPS mode of operation: Y/N
- R. Comments:

REPORT DEFECTS IN AIDS TO NAVIGATION TO THE NEAREST COAST GUARD UNIT

Date: 03 SEPTEMBER 1997

NOTICE NUMBER 36

I SPECIAL NOTICES(cont.)

This information can be sent in the following ways:

- (1) Via mail to: Commanding Officer / NIS
7323 Telegraph Rd.
Alexandria, VA 22315-3998
- (2) Via message to: COGARD NAVCEN ALEXANDRIA VA/NIS
- (3) Via fax to: (703) 313-5920
- (4) Via internet e-mail to: nisws@smtp.navcen.uscg.mil
- (5) Or by calling the NIS watchstander at (703) 313-5900

LATEST EDITIONS OF NAUTICAL CHARTS AND MISCELLANEOUS MAPS

The Dates of Latest Editions, Nautical Charts and Miscellaneous Maps, dated July 1, 1997, published by the National Ocean Service, is available for issue. It is obtained free from the Distribution Division, N/ACC3, National Ocean Service, 6501 Lafayette Avenue, Riverdale, MD, 20737-1199. This is a quarterly publication listing the most recent editions of nautical charts, miscellaneous maps and publications relating to navigation, weather, etc. with brief descriptions and prices.

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 (channel 67 in lower Mississippi River), must be capable of a continuous, uninterrupted watch. Any radio equipment capable of disrupting channel 13/67 watch by a distress call on channel 16 or a distress call on the Global Maritime Distress & Safety System digital selective calling channel 70, shall either not be used or have that disruption feature disabled.

COOK INLET - SEISMIC STREAMING OPERATION

The 135 ft landing crafts Arctic Wolf and Polar Bear will be conducting a seismic streaming operation in Cook Inlet for the next 60 days, starting 22 Jul 97. This is a one hour a day operation, operating between latitudes 60-37-50N to 60-50-36N and longitudes 151-26W to 151-47W. The Polar Bear will be the lead ship and follow the Arctic Wolf at a distance of 1575 meters. The Arctic Wolf is towing a seismic wire 1 nautical mile in length. A tail drone with an all around white light and a radar reflector is on the end of the wire. Operation speed will be 4 knots. Both vessels will be monitoring frequencies 13, 14, and 16 VHF-FM.

GUSTAVUS - DGPS - OFF AIR

Gustavus DGPS sight will be off air from 1600z 29 Sep 97 to 0200z 06 Oct 97 for tower replacement.

ANNETTE ISLAND - DGPS - OFF AIR

Annette Island DGPS sight will be off air from 1600z 07 Oct 97 to 0200z 15 Oct 97 for tower replacement.

PRINCE WILLIAM SOUND - DGPS - OFF AIR

Potato Point DGPS will be off-air from 1600Z 29 Sep 97 to 2300Z 29 Sep 97 for maintenance.

KODIAK - DGPS - OFF AIR

Kodiak DGPS will be off-air from 1600Z 28 Sep 97 to 0400Z 05 Oct 97 for tower replacement.

ALASKA - GULF OF ALASKA - BERING SEA - SUBSURFACE MOORINGS

The following are deployment times and locations of subsurface moorings in the Gulf of Alaska. (Shelikof Strait and Unimak Pass)

<u>Mooring</u>	<u>Deployed</u>	<u>Recovery</u>	<u>Location</u>	<u>Depth</u>
Pavlof Bay	March 1997	March 1998	55°11.24'N 161°42'W	101 meters
PG-96UP-1	September 1996	October 1997	54°21'N 164°03'W	100 meters
*This mooring has a float 5 meters above bottom depth.				
PG-96UP-2	September 1996	October 1997	54°16.2'N 164°46.8'W	70 meters
*This mooring has an instrument and float at 11 meters above bottom depth.				
PG-96UP-3	September 1996	October 1997	54°19'N 164°45'W	70 meters
*This mooring has an instrument and float at 11 meters above bottom depth.				
PG-96UP-4	September 1996	October 1997	54°22'N 165°43.5'W	60 meters
*This mooring has an instrument and float at 11 meters above bottom depth.				
PG-96UP-5	September 1996	October 1997	54°21'N 165°45'W	100 meters
*This mooring has a float 5 meters above bottom depth.				

Following are locations and deployment times of surface and subsurface moorings in the Bering Sea:

<u>Buoy</u>	<u>Deployed</u>	<u>Recovery</u>	<u>Location</u>	<u>Depth</u>
F-97BSM-2	April 1997	September 1997	56°52.5'N 164°01.9'W	70 meters
*One surface moored instrument buoy. One subsurface mooring.				
F-97BSM-3	April 1997	September 1997	56°03.6'N 166°20'W	125 meters
*One surface moored instrument buoy. One subsurface mooring.				

I SPECIAL NOTICES(cont.)

F-96BS-4 September 1996 September 1997 57°51'N 168°52'W 65 meters
 *One subsurface mooring. This mooring has floats and instruments from 11 meters to 55 meters below the surface.

One subsurface mooring was deployed in April 1997 southwest of Unimak Pass in the Bering Sea. This mooring has floats and instruments from 150 to 1000 r below the surface.

F-97BS-6 April 1996 April 1998 53°24.31'N 168°50.63'W 1,016 meters

Nine moorings were deployed south of Nunivak Island in June 1997. One surface and 8 subsurface moorings in 50 to 60 meters of water:

F-97IF-1	58°40.2'N	168°19.2'W	Surface mooring
F-97IF-2	58°37.9'N	168°21.8'W	TRBM
F-97IF-3	58°42.5'N	168°16.6'W	TRBM
F-97IF-4	58°49.5'N	168°08.8'W	Subsurface mooring
F-97IF-5	58°42.2'N	168°05.1'W	Subsurface mooring
F-97IF-6	58°32.9'N	168°15.4'W	Subsurface mooring
F-97IF-7	58°28.5'N	168°32.1'W	Subsurface mooring
F-97IF-8	58°38.2'N	168°33.3'W	Subsurface mooring
F-97IF-9	58°47.6'N	168°23.0'W	Subsurface mooring

These moorings will be recovered before October 1997

An oceanographic data buoy was deployed by PMEL/NOAA at 52.0°N 151°24.0'W in 4,650 meters of water. The hull of the buoy is painted orange and white with group flashing white light (GFL 3 20sec). One moored buoy was not deployed as planned in position 52°N 157°25.0'W.

For additional information, please contact Mr. William Parker at (206) 526-6180, E-mail: wparker@pmel.noaa.gov

II DISCREPANCIES- DISCREPANCIES CORRECTED

WARNING:Mariners are cautioned that portions of destroyed structures may remain visible or may be submerged.

Abbreviations normally used in the Local Notice to Mariners are as follows:

- BNM** - Broadcast Notice to Mariners
- LNM** - Local Notice to Mariners
- TLB** - Temporary Lighted Buoy
- TDBN** - Temporary Daybeacon
- TRLB** - Temporarily Replaced by Lighted Buoy
- TRUB** - Temporarily Replaced by Unlighted Buoy
- TUB** - Temporary Unlighted Buoy

DISCREPANCIES:

LLNR	NAME OF AID	STATUS	CHART	BNM	LNM
26100	East Amatuli Island Light	Dayboard Destroyed	16640	199/97	23/97

DISCREPANCIES/PRIVATE AIDS:

LLNR	NAME OF AID	STATUS	CHART	BNM	LNM
27467	APL Dolphin Lights	Extinguished	16011	178/97	20/97
27467	APL Shoal Lighted Buoys	Extinguished	16011	178/97	20/97
22147	Saxman Breakwater Light	Extinguished	17420	401/97	36/97

DISCREPANCIES CORRECTED

01245	Sealion Rocks Light	Watching Properly	16520	412/97	36/97
26065	East Chugach Light	Watching Properly	16640	398/97	36/97

III TEMPORARY CHANGES- TEMPORARY CHANGES CORRECTED

TEMPORARY CHANGES:

LLNR	NAME OF AID	STATUS	CHART	BNM	LNM
1105	Cape St. Elias Bell Buoy "2"	TUB	16723	121/97	13/97
23305.6	Keku Strait Daybeacon "9"	TRUB	17372	188/97	21/97
23305.8	Keku Strait Daybeacon "11"	TRUB	17372	188/97	21/97
25025.5	Japonski Island Daybeacon "2"	TRUB	17324	413/97	36/97
25400	Graves Harbor Daybeacon "2"	TRUB	17300	399/97	36/97
26250	Anchor Point Light	FI W 6s 7M	16645	437/96	30/96

IV CHART CORRECTIONS

Corrective action affecting charts is contained in this section. Chart corrections are listed numerically by chart number, beginning with the lowest and progress through all charts affected. The example below explains the individual elements of a typical correction.

Chart Number	Chart Edition	Edition Date	Last Local Notice to Mariners #	Chart Datum	Source of Correction	Current Local Notice to Mariners
*16682	13th Ed.	02/10/90	Last LNM 34/95	NAD 83	(CCGD17)	05/97
	AK - Kenai Peninsula - Cape Resurrection to Two Arm Bay (Inset)		Change: depth legend to: Reported dredged 55ft 1995		60°07'00.0"N	149°25'43.0"W
	Corrective action	Object of corrective action		Position		

A chart number preceded by an asterisk (*) indicates this is the largest scale chart on which the correction appears. The word (temp) below the chart number indicates the chart correction is temporary in nature.

The letter (M) immediately following the chart number indicates the correction should be applied to the metric side of the chart only, and is not part of the chart title.

Positions given for chart corrections will be in the datum referenced by the current edition for that chart.

16420	10th Ed.07/12/97	Last LNM	NAD 83	NEW EDITION	16ACO16421	(NOS SILVER SPRING,MD) 36/97
	AK - Aleutian Islands- Near Islands		Ingenstrom Rocks to Attu Island		1:160,000/LORAN-C/\$14.00	
	(New edition due to various general changes)					
16660	27th Ed 4/19/97	Last LNM 35/97	NAD 83			(CGD17) 36/97
	AK - South Coast - Cook Inlet - Northern Part		Relocate: Kenai River Light "3" FL G 2.5s		60°33'00.0"N 151°15'24.0"W	
16708	22nd Ed.07/05/97	Last LNM 81/97	NAD 83			(CGD17) 36/97
	AK - South Coast - Prince William Sound		Port Fidalgo and Valdez Arm			
	Inset: Tatitlek Narrows		Add: Tatitlek Narrows Rock Buoy, white can buoy with orange markings		60°51'26.7"N 146°40'33.4"W	
16709	20th Ed.01/02/93	Last LNM 35/97	NAD 83			(CGD17) 36/97
	AK - Prince William Sound - Eastern Entrance		Relocate: Orca Inlet Junction Light "OI" FL (2+1) R 6s		60°33'56.1"N 145°45'40.5"W	
17438	15th Ed 10/13/97	NAD 83				(CCGD17) 36/97
	AK - Southeast _ Harbors in Clarence Strait		Delete:Scrub Island Lighted Buoy "5"		55°08'14.0"N 131°34'28.6"W	
	Scrub Island Buoy "7"		Lively Island Lighted Buoy "9"		55°08'31.7"N 131°34'55.0"W	
	Lively Island Lighted Buoy "9"				55°08'25.9"N 131°35'09.7"W	
	Add: Scrub Island Light "5" FL G 6s SG		Scrub Island Buoy "7" FL G 2.5s SG		55°08'15.3"N 131°34'28.9"W	
	Lively Island Light "9" FL G 4s SG		Morse Rock Light "8" FL R 4s TR		55°08'31.7"N 131°33'57.6"W	
					55°09'25.1"N 131°35'10.0"W	
					55°09'08.8"N 131°34'13.8"W	

V ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

NONE.

VI PROPOSED CHANGES IN AIDS TO NAVIGATION

1. The Coast Guard is considering removing Clark Bay Lighted Buoy "3" (LLNR 22409)

Any interested company or individual wishing to provide comments should contact:

Commanding Officer
 Seventeenth Coast Guard District
 P.O Box 25517
 Juneau, Ak 99802-5517
 Attn: WAMS officer

VII GENERAL

LORAN-C OPERATIONS

1. The U.S. Department of Transportation is soliciting written input from individuals and organizations prior to 15 Dec 97 concerning the decision to cease Loran-C operations. All comments should identify the originator and provide some means (mail, telephone or e-mail) to allow return contact with the originator. Comments should identify the specific Loran-C user community/communities (maritime, aviation, weather, timing and synchronization, etc.) they represent. In addition, comments should address safety, reliability, and other performance issues.
2. Telephone comments will not be accepted. E-mail comments may be forwarded to:loranc@bah.com. Fax comments may be sent to (703) 917-3023
Comments may be sent 24 hours a day. Comments are being solicited on any technical, operational or economic issue(s) associated with the proposed acti

DOT Loran-C Study Comments
c/o Joseph R. Davis
Booz-Allen & Hamilton, Inc.
8251 Greensboro Drive
McLean, VA 22102

VII GENERAL (Cont)

ALASKA- ALASKA PENINSULA WATERWAYS ANALYSIS AND MANAGEMENT SYSTEM (WAMS)

1. The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the following waterways.
 - a) Sitkinak Strait Waterway which includes Sitkalidak Strait, Geese Channel, Alitak Bay and Moser Bay.
 - b) the Alaska Peninsula Waterway which includes the Semidi Islands, Chignik Bay, Sand Point, Korovin Strait, Popof Strait and Unga Strait.The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response pl routine and emergency communication capabilities, and future development projects.

Any interested company or individual wishing to provide comments or participate in these two user surveys should contact:

Commanding Officer
USCGC FIREBUSH (WLB 393)
P.O Box 190653
Kodiak, AK 996190653
Attn: WAMS Officer
487-5303

2. The Coast Guard is conducting a Waterways Analysis and Management System (WAMS) study of the following waterways.
 - a) Kachemak Bay.
 - b) Port Graham
 - c) Seldovia BayThe study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response pl routine and emergency communication capabilities, and future development projects.

Any interested company or individual wishing to provide comments or participate in these three user surveys should contact:

Commanding Officer
USCGC SEDGE (WLB 402)
P.O Box 101
Homer, AK 99603
Attn: ENS C. E. Bland
(907) 235-5233

VIII LIGHT LIST CORRECTIONS

NONE

IX ADDITIONAL ENCLOSURES

ENCL 1A-H: U.S. COAST PILOT 8 Change No. 6

K. A. Hamblett
Commander, U.S. Coast Guard
Waterways Management and Navigation Safety Branch
Seventeenth Coast Guard District
By direction of the Commander

Operational Excellence Through Leadership, Teamwork

and Continuous Improvement