



MONTHLY SUPPLEMENT - NOVEMBER 1997

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NIS watchstander, 24 hours a day at (703) 313-5900
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Issued by: Commander (mon)
Seventeenth Coast Guard District
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Facsimile: (907) 463-2273

Questions, comments or additional information on this Local Notice to Mariners or the Local Notice to Mariners mailing list (additions, deletions, corrections) should 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 at: twestcott@cgalaska.uscg.mil

REFERENCES: Light List, Vol. VI, Pacific Coast and Pacific Islands, 1997 Edition (COMDTPUB P16502.6).
U.S. Coast Pilot 8, Pacific Coast Alaska: Dixon Entrance to Cape Spencer, 22nd Edition.
U.S. Coast Pilot 9, Pacific and Arctic Coasts Alaska: Cape Spencer to Beaufort Sea, 17th Edition.

BROADCAST NOTICE TO MARINERS

Navigation information previously promulgated by Broadcast Notice to Mariners 178/97 through 516/97 and still in effect is included in this notice.

USE OF THE LOCAL NOTICE TO MARINERS

The Weekly Supplemental editions contain new information available subsequent to the issue of the Monthly edition. To ensure having complete information concerning the waterways of the Seventeenth Coast Guard District, consult Monthly edition 45/97.

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 positioning and navigation. However, users are always cautioned to use all available navigational tools to ensure proper evaluation of positioning solutions. During this IOC phase, system validation tests are being conducted, procurement and installation of the next generation of transmitters are being pursued, the control station software is being 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: | J. DGPS broadcast site in use: |
| B. Reporting source: | K. Type of DGPS receiver used |
| C. Reporting source phone number (day/night): | L. Problem DGPS receiver indicated: |
| D. Reporting source position (Lat/Long/general geographic location): | M. Other receiver indications: |
| E. Date/time of event: | N. DGPS beacon signal strength observed: |
| F. Duration of the occurrence: | O. DGPS beacon signal to noise ratio observed: |
| G. Reporting source activity: | P. User DGPS receiver operates correctly with other DGPS sites: Y/N |
| H. Weather conditions: | Q. Does receiver function properly in GPS mode of operation: Y/N |
| I. Bearing and range of electrical storm: | R. Comments: |

This information can be sent in the following ways:

Via mail to: Commanding Officer / NIS
7323 Telegraph Rd.
Alexandria, VA 22315-3998

Via message to: COGARD NAVCEN ALEXANDRIA VA/NIS
Via fax to: (703) 313-5920
Via internet e-mail to: nisws@smtp.navcen.uscg.mil
Or by calling the NIS watchstander at (703) 313-5900

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

I SPECIAL NOTICES (Cont.)

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 may be 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 of each.

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 the 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, should either not be used or have that disruption feature disabled.

RUSSIAN-AMERICAN - LORAN-C - OFF AIR

Petropavlovsk (5980-M) will be off air from 2000Z 05 Sep 97 until further notice.

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 |
| F-97SG-1 | September 1997 | April 1998 | 56°11'N 169°20'W | Subsurface mooring |
| F-97SG-2 | September 1997 | April 1998 | 56°17'N 169°20'W | Subsurface mooring |

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-97BS-2C | October 1997 | April 1997 | 56°52.5'N 164°01.9'W | Subsurface mooring |
| F-96BS-4 | September 1996 | April 1998 | 57°51'N 168°52'W | 65 meters |

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 meters+ below the surface.

| <u>Buoy</u> | <u>Deployed</u> | <u>Recovery</u> | <u>Location</u> | <u>Depth</u> |
|-------------|-----------------|-----------------|------------------------|--------------|
| F-97BS-6 | April 1996 | April 1998 | 53°24.31'N 168°50.63'W | 1,016 meters |

These moorings were deployed south of Nunivak Island in June 1997 in 50 to 60 meters of water and will remain till Spring 1998.

| <u>Buoy</u> | <u>Location</u> | |
|-------------|----------------------|------|
| F-97IF-2 | 58°37.9'N 168°21.8'W | TRBM |
| F-97IF-3 | 58°42.5'N 168°16.6'W | TRBM |

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

LNM - Local Notice to Mariners

TLB - Temporary Lighted Buoy

TDBN - Temporary Daybeacon

BNM - Broadcast Notice to Mariners

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 |
|------|-------------|--------|-------|-----|-----|
| NONE | | | | | |

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 |

DISCREPANCIES CORRECTED

| LLNR | NAME OF AID | STATUS | CHART | BNM | LNM |
|------|-------------|--------|-------|-----|-----|
| NONE | | | | | |

III TEMPORARY CHANGES - TEMPORARY CHANGES CORRECTED

TEMPORARY CHANGES

| LLNR | NAME OF AID | STATUS | CHART | BNM | LNM |
|---------|-------------------------------|-------------|-------|--------|-------|
| 22110 | Lively Island Light "9" | TRLB | 17435 | 461/97 | 41/97 |
| 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 | FL W 5s 12M | 16645 | 437/96 | 30/97 |

TEMPORARY CHANGES CORRECTED

| LLNR | NAME OF AID | STATUS | CHART | BNM | LNM |
|------|-------------|--------|-------|-----|-----|
| NONE | | | | | |

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 progressing 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 number.

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

| | | | |
|--------------|---|---------------|--|
| 16381 | 7TH Ed. 09/02/95 Last LNM: | NAD 83 | (CCGD17) 45/97 |
| | Ak - St. Paul Island - Pribilof Islands | | |
| | Relocate: St. George Harbor Entrance Light "1" FI G 4s SG | to | (PA) 56°34'14.0"N 169°40'15.0"W |
| 17432 | 6th Ed. 04/04/92 Last LNM: | NAD 83 | (CCGD17) 45/97 |
| | Ak - South Coast - Clarence Strait and Maira Sound | | |
| | Relocate: Thorne Bay Entrance Light "3" | to | 55°40'26.4"N 132°27'35.4"W |
| 17324 | 13th Ed. 03/25/89 Last LNM: | NAD 83 | (NOAAS RAINIER) 45/97 |
| | Ak - Sitka Sound to Salisbury Sound, Inside Passage Neva Strait - Neave Point to Zeal Point | | |
| | Relocate: Sitka Breakwater Light "8" | to | 57°03'42.5"N 135°22'00.2"W |
| | Sitka Breakwater Light "7" | to | 57°03'46.1"N 135°21'55.0"W |
| | Sitka Southwest Harbor Entrance Light "3" | to | 57°03'31.4"N 135°22'05.2"W |
| | Sitka Southwest Harbor Entrance Daybeacon "4" | to | 57°03'29.6"N 135°22'00.5"W |
| 17326 | 11th Ed. 04/15/89 Last LNM: | NAD 83 | (NOAAS RAINIER) 45/97 |
| | Ak - Crawfish Inlet to Sitka, Baranof Island, Sawmill Cove | | |
| | Relocate: Sitka Breakwater Light "8" | to | 57°03'42.5"N 135°22'00.2"W |
| | Sitka Breakwater Light "7" | to | 57°03'46.1"N 135°21'55.0"W |
| | Sitka Southwest Harbor Entrance Light "3" | to | 57°03'31.4"N 135°22'05.2"W |
| | Sitka Southwest Harbor Entrance Daybeacon "4" | to | 57°03'29.6"N 135°22'00.5"W |
| 17327 | 19th Ed. 02/01/92 | NAD 83 | (NOAAS RAINIER) 45/97 |
| | Ak - Sitka Harbor and approaches, Sitka Harbor | | |
| | Relocate: Sitka Breakwater Light "8" | to | 57°03'42.5"N 135°22'00.2"W |
| | Sitka Breakwater Light "7" | to | 57°03'46.1"N 135°21'55.0"W |
| | Sitka Southwest Harbor Entrance Light "3" | to | 57°03'31.4"N 135°22'05.2"W |
| | Sitka Southwest Harbor Entrance Daybeacon "4" | to | 57°03'29.6"N 135°22'00.5"W |
| | Harbor Rock Daybeacon | to | 57°03'12.5"N 135°20'53.7"W |

V ADVANCE NOTICE OF CHANGES IN AIDS TO NAVIGATION

NONE

VI PROPOSED CHANGES IN AIDS TO NAVIGATION

NONE

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 action.

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

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 plans, 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 99619-0653
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 Bay

The study focuses on the area's aids to navigation system, waterborne commerce, marine casualty information, port/harbor resources, emergency response plans, 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

KODIAK ISLAND-OUZINKIE SMALL BOAT HARBOR

From 19 Sep 97 to 01 Dec 97 the Tug Yuba and barge will be dredging and completing construction projects in Ouzinkie small boat harbor. Any vessels wishing to transit the harbor are requested to coordinate activities with Tug Yuba on channels 13-16 VHF-FM.

VIII LIGHT LIST CORRECTIONS

Below Light List corrections supersede previously published corrections in Local Notice to Mariner 43/97.

| (1) No. | (2) Name and Location | (3) Position | (4) Characteristic | (5) Height | (6) Range | (7) Structure | (8) Remarks | |
|--------------|---|---------------------|-----------------------|---------------|--------------|--------------------------|--------------------------------------|---------|
| 985 24330 | CAPE MUZON LIGHT | 54 39.8 132 41.5 | FI W 6s | 80 | 7 | NR on spindle | Obscured from 089° to 297°. | (45/97) |
| | | | | | | * | | |
| 22427.5 | THORNE BAY ENTRANCE LIGHT 3 | 55 40.5 132 27.6 | FI G 2.5s | 15 | 3 | SG on pile. | Obscured from 305° to 055°. | (45/97) |
| | | * | | | * | | * | |
| 22687 | AIRPORT RUNWAY ROCK LIGHT | 56 29.1 132 21.2 | FI W 6s | 15 | 4 | NR on spindle. | | (45/97) |
| | * | * | | | | | | |
| 22863 | - Daybeacon 4 | 56 34.4 132 58.4 | | | | TR on steel pile. | | (45/97) |
| | * | * | | | | * | | |
| 24330 985 | CAPE MUZON LIGHT | 54 39.8 132 41.5 | FI W 6s | 80 | 7 | NR on spindle | Obscured from 089° to 297°. | (45/97) |
| | | | | | | * | | |
| 24391 | HYDABURG LIGHT 8 | 55 12.4 132 50.0 | FI R 4s | 15 | 4 | TR on pile. | | (45/97) |
| | * | | * | * | * | | | |
| 24915 | VITSKARI ISLAND LIGHT | 57 00.0 135 32.7 | FI W 6s | 50 | 8 | NR on skeleton tower. | RACON: O (- - -). | (45/97) |
| | | * | | | | | | |
| | N/W | | | | | | | |
| | BERING SEA (Eastern Part) (Chart 16006) | | | | | | | |
| | Nome Harbor | | | | | | | |
| 27975 | - RANGE REAR LIGHT 52 yards, 009° from Front light. | | Iso W 6s | 36 | 6 | KGW on wooden tower. | Maintained from Jul. 1 to Nov. 1. | (45/97) |
| | * | | | * | * | * | | |
| | BERING SEA (Eastern Part) (Chart 16006) | | | | | | | |
| | Pribilof Islands | | | | | | | |
| 27827 | ST. GEORGE HARBOR ENTRANCE LIGHT | 56 34.2 169 40.2 | FI G 4s | | | SG on tower. | | (45/97) |
| | | * | | | | | | |

IX ADDITIONAL ENCLOSURES

| | | |
|------|--|--|
| NONE | | |
|------|--|--|

C. D. Martin
Waterways Management and Navigation Safety Branch
Seventeenth Coast Guard District
By direction of the Commander



Operational Excellence Through Leadership, Teamwork,
And Continuous Improvement

