



SEVENTEENTH COAST GUARD DISTRICT

GENERAL INFORMATION

RELATING TO THE

LORAN TRANSMITTING STATION

ADAK



DEPARTMENT OF TRANSPORTATION
UNITED STATES COAST GUARD

Address reply to:
COMMANDER
Seventeenth Coast Guard District
P.O. Box 3-5000
Juneau, Alaska 99801

* 3262
1 March 1968

LETTER OF PROMULGATION

1. This letter promulgates a Loran Station Information Book for each of the nine Seventeenth District Loran Stations. These books are designed to provide information to commands and staff components concerned with the stations logistic support, operation and administration, and to training commands to familiarize themselves and their students with station equipment, environment, problems and routines. The books purposely omit unnecessary details. Additional information regarding any phase of the stations operation, equipment, or plant can be obtained from Commander, Seventeenth Coast Guard District, Juneau, Alaska.
2. Loran Station Information Books will be reviewed periodically and new additions issued as the need arises.


J. R. SCULLION

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U. S. Coast Guard Loran Station

Adak

General Information Book

GENERAL INFORMATION BOOK
USCG LORAN STATION ADAK, ALASKA

I General Information

1. Geographic Location: The station is located on Adak Island, Alaska on the Aleutian Chain. The island is approximately 25 miles wide by 32 miles long. The station is located on the northeastern tip of the island.
2. Topography: Adak is a mountainous, barren island. There are approximately 125 miles of gravel road on the island, the station being served by a road maintained by the Navy. The volcanic soil does not lend itself to the growing of anything other than tundra grass and several varieties of wild flowers in the early spring and summer. The island is covered with quonset huts and other deteriorated World War II construction.
3. Weather: The weather is moderate year-round. The temperatures are rarely above 60 in the summer or below 20 degrees in the winter. Snow accumulation in the lower elevations is minimal. Adak is known as the "Birthplace of the Winds", and windstorms are prevalent year-round. A unique feature of the Adak weather is the "Arctic Willawaw". During these storms wind gusts of up to 120 miles per hour can be expected.
4. Nearby Civilization: There is no native population on the island. The military installation is rather large and consists of the following commands:

U.S. Naval Station (CO is CAPT, USN)
U.S. Naval Facility (CO is LCDR, USN)
U.S. Naval Communications Station (CO is CAPT, USN)
USCGC BALSAM (CO is LCDR, USCG)
Marine Barracks (CO is MAJ, USMC)
Deployed ASW Squadron (CO is CDR, USN)

The population of the island, which includes military, civil service employees, and dependents is approximately 4500. The Naval Communications Station is approximately four miles from the Loran Station. The Naval Station and other commands are approximately 14 miles distant. The Naval Station is the senior command and includes all housing, shopping, medical and recreational facilities.

II Personnel

1. Complement: The personnel complement is as follows. This includes five radiomen assigned to Coast Guard Radio Station Adak, (NOX).

| | | |
|-------|-------|-------|
| 1-DC2 | 1-EN3 | 1-SK1 |
| 1-RMC | 1-ETC | 1-CS1 |
| 1-RM1 | 2-ET2 | 3-SN |
| 3-RM2 | 2-ET3 | 1-FN |
| 3-RM3 | 1-ET1 | |
| 1-EN1 | 1-YN2 | |
2. Records: All personnel and health records are maintained aboard the station. Pay records are maintained by the U.S. Naval Station, and the

crew is paid twice monthly by check. The CO and XO are designated as Paying Agents by the Naval Station and are authorized to pick up enough cash from the Navy Disbursing Officer to cash checks aboard the station.

3. Medical Facilities: The station has no hospital corpsman assigned. A dispensary is available at the Naval Communication Station, and a complete hospital and dental clinic at the U.S. Naval Station. The senior dental officer is a Commander and the senior Medical Officer a Lieutenant Commander. Both medical and dental care for all personnel is considered excellent.

4. Morale and Welfare: Recreational facilities include; bowling alleys, swimming pool, theater, Officer, CPO, and enlisted clubs and hobby shops. The station has darkroom facilities, a pool table and maintains an adequate stock of outdoor recreation equipment. Movies are obtained from the Naval Station MPX and other recreation items are available from Naval Station Special Services.

There are two chaplans (protestant and catholic) on the island, and regular church services are held aboard the Naval Station. There is also a Red Cross representative available and emergency funds are available to Coast Guard personnel either through the Red Cross or Navy Relief.

Adak is served by Reeve Aleutian Airways, with passenger and mail flights three or four times weekly, depending upon the season and demand. All mail is handled by a Post Office on the Naval Station

The Naval Station operates an exchange and commissary store. Most needed items are available and the prices compare with those of the civilian market in the states. The island is supplied by ship approximately every ten days. Fresh milk, produce, and other perishable items are generally in good supply.

III Station Operation and Administration: In order to provide factual information concerning operational and administrative matters, the Station Organization Book is included herewith as Appendix III. Items not specifically or completely covered in the preceeding paragraphs or appended publications are dealt with separately in the following paragraphs.

IV Additional Duties of Commanding Officer: The Commanding Officer is designated as Deputy Collector of Customs and Immigration Inspector for Adak. The deployed Navy ASW Squadron (P3A aircraft) make R & R trips to Japan on a regular schedule (every six days). Authority has been granted by the Bureau of Customs for these flights to terminate on Adak and the Deputy Collector of Customs has the responsibility to provide customs clearance. In addition to the regularly scheduled flights, other military

aircraft inbound from foreign ports will occasionally stop at Adak for fuel or maintenance. These aircraft are not generally granted clearance, but are given written permission to proceed to regular port of entry and clear customs. As Immigration Officer you are responsible for admitting U.S. citizens and foreign nationals inbound from foreign ports. The U.S. citizens are generally dependents of military personnel returning from R & R trips to Japan. The foreign nationals in all cases will be seamen from foreign ships operating in the area who are evacuated to Adak for emergency medical treatment. Neither category of personnel pose any problem. New Commanding Officers will be briefed on customs duties in Juneau by the District Director of Customs, and on immigration duties by the District Director, Immigration and Naturalization Service in Anchorage.

V Loran Station Attu - Pay and Supply: Adak has the responsibility for Attu re-supply. All items being sent to Attu, except those going through the mail, must come through Adak. Attu is serviced by Reeve Aleutian Airways twice weekly (weather permitting). At least every two weeks fresh commissary supplies and urgently needed general stores items are sent to Attu by Reeve Aleutian. Additionally, each quarter, a logistics trip to Attu is made either by the CGC BALSAM or an aircraft from CGAS Kodiak. The amount of supplies on the quarterly re-supply trip varies between fifteen and twenty-five tons and consists of all general supplies, frozen meats, beer and soda, and exchange items which have accumulated over the past three months. These supplies awaiting transportation are stored in a area designated by the Naval Station in one of their supply warehouses. Handling supplies for Attu is very time-consuming and our SK is continually involved in the sorting, marking, and storing of the material. A good portion of the supplies ordered by Attu are procured from NAVSTA Adak. All items being sent to Attu, except by regular mail, must come to Adak for transshipment. All items being shipped on GBLs from Attu are intercepted here and reshipped under Navy Manifest on Alaska Steamship Lines. NAVSTA Adak maintains pay records for Attu.

VI General Information - Loran and Communications:

CG Loran Station Adak serves three functions involving electronics equipment and personnel. These being a double pulsed Loran-A Master Station, Loran-C Monitor Station, and Loran COMNET Net Control for Northern Pacific Loran-C Communications Network.

The Loran-A equipment consists of Four AN/FPN-30 Loran Timers, two T-325/FPN Loran Transmitters, two AM-1700/FPN Loran Amplifiers, AN/FPA-2 and AN/FPA-3B Switching Equipment.

The Loran-A Transmitter and Amplifier output is fed by transmission line to a CU-815/U antenna coupler and a 129 foot antenna tower.

The nominal power output operating as a double pulsed station is 800KW. The station is set up for type 3 Modified operation, although at present automatic transmitter switching is not utilized.

Normally electronics technicians will be assigned to Loran-A watches, however all non-rated personnel are trained to stand Loran-A watches and are utilized for this purpose as required. Loran Station Adak is paired with Loran Stations Attu and Cape Sarichef.

The Loran-C equipment consists of three AN/SPN-30 receivers with associated power supplies and three AN/USH-8 Recorders. Individual antennas are utilized with each receiver.

At present the Loran-C monitor operations involves monitoring of the MX, MY, and MZ leg of the Northern Pacific Loran-C chain with modified control of the MY leg. A continuous twenty-four hour watch is stood on the monitor equipment and only electronic technicians are assigned to these watches.

The communications equipment consists of two AN/URT-17 transmitters capable of SSB, RATT and CW operation, one AN/URC-34 transceiver, two R-840/URR receivers, two CV591A/URR Single Side bandconverters, two teletypewriters and an operators console.

A continuous twenty-four hour watch is stood by the radiomen assigned. Continuous teletype communications with 17th Coast Guard District Office in Juneau is maintained, utilizing leased circuits.

All traffic to the Northern Pacific Loran-C chain is relayed by this unit using radio teletype in most cases. At times it is necessary to pass traffic using Single Sideband, Voice, or CW when propagation conditions preclude the possibility of good teletype communications.

In addition to the above, CG Radio Station Adak (NOX) is a sub-unit of Loran Station Adak. The operation of the Radio Station is covered in appendix C to the Station Organization Book.

VII General Information - Civil Engineering

1. Loran Station Adak is located on a parcel of land of approximately 77 acres leased to the U.S. Coast Guard by the Navy. The station consists of three buildings; (1) barracks and machinery building, (2) storage building, and (3) signal building. A brief description of these buildings and their use follows:

a. Barracks and Machinery Building: This building contains the crews berthing spaces, offices, mess deck and galley, commissary dry and cold stores stowage, power generating equipment, DC shop and 3 garages. Crews berthing consists of 8 double and 4 single rooms. The rooms are very adequate in size and are considered the best enlisted berthing on the island. Two heads and two laundry rooms are available for the crew. Officer berthing consists of two very large bedrooms, a shower and head, and a combination, kitchenette and large sitting room.

There are two offices, one used by the CO and XO and one by the YN and SK.

Additionally, there is a lounge for the crews use.

The mess deck will seat 20 people, contains the pool table, and is used for showing movies. The galley and commissary stores stowage area are all of ample size and contain up-to-date equipment.

The "machinery room" contains 3 D-342 Caterpillar Diesel Electric Sets for generating station power. Only one set is required to be in use at anyone time, with one on immediate standby and one in maintenance. Additionally the "machinery room" contains the apparatus used to chlorinate the station's water, various pumps and tanks for the station domestic and heating water systems. Water is heated from the main engine by use of heat exchange.

The DC shop is large and contains an ample supply of metal and wood-working tools. The three garage bays accomodate the station's vehicles and one is used as a work area for vehicles.

b. Metal Stowage Building: The storage building constructed of sheet metal accomodates the paint locker, pyrotechnics locker and other miscellaneous bulky items. Two rooms are petitioned off and heated; one is used for the paint locker and the other for secure stowage of material which might be harmed by cold or dampness. This building is adequate in size although it's construction does not lend itself well to use in areas exposed to cold and wind driven rain.

c. Signal Building: The signal building is located approximately 200 yards from the barracks building. Access is by way of a concrete lighted walkway. This building, like the rest of the station is approximately 20 years old and continious maintenance is a necessity.

2. Water Supply

Fresh water is obtained from a lake on Mt. Adagdak, to the rear of the station. The lines come down the mountain, into pressure reducing valves, then into two cisterns each holding approximately 35,000 gallons, thence to the station, entering at the rear of the "machinery room". The water supply is more than adequate the year around. Water is checked monthly by NAVSTA Adak medical personnel for bacteria, and daily by station personnel for residual chlorine content.

3. Sewage Disposal

Sewage disposal is by mean of a septic tank. There is no drain field for the tank, and it has been stated by both Naval and Alaska State Department of Health personnel that none is needed.

IX Conc usion

1. The information contained herein should be sufficient to prepare personnel for assignment to Adak. Additionally all new COs and XO's should read and become thoroughly familiar with the following publications prior to reporting aboard for duty:

Coast Guard Regulations - CG 300
Electronics Maintenance Manual - CG 165
Aids to Navigation Manual - CG 222
(Appendix C)

Present procedure calls for each new CO and XO to spend a few days at the District Office in Juneau before reporting for duty. This time can be highly beneficial. Personnel of the district staff are available and more than happy to answer any questions you may have. The more information you are able to obtain while in Juneau the easier the District's and your job will be after you report aboard the station.

2. All things considered, Adak has many advantages over other loran stations in the district. Excellent supply support is received from the Navy and also from the District Office. Additionally technical advice is available and gladly given by the Naval Station personnel, both military and civilian. Available recreational facilities help keep morale problems to a minimum. Very good relations exist between Coast Guard and Navy personnel on Adak. All efforts should be made to maintain these good relations.

3. CO's and XO's should come to Adak prepared for a moderately heavy social schedule. CO's will be invited and expected to attend many different functions on the Naval Station. Clothes needed are Dress Blues (including dinner dress), sword, Dress Khakis, at least one good civilian suit and assorted casual civilian clothing.

Appendix I - NAVSTA Adak Information

U. S. NAVAL STATION ADAK, ALASKA



INFORMATION BROCHURE (7/67)

The U.S. Naval Station and its tenant commands, the Naval Communication Station, the Naval Facility and the Coast Guard Loran Station, are located in the Andreanof Islands of the Aleutian Chain. There is no native or civilian community on the island, but the military and federal employees and their dependents number about 4,500. Adak is referred to as the "Golden Link in the Aleutian Chain" and is located approximately half way on the great circle route between Seattle (2,062 miles) and Tokyo (2,070 miles). The island measures approximately 25 by 35 miles with numerous indentations. It is entirely treeless, with the exception of "The Adak National Forest" which consists of a copse of evergreens planted by the Navy in the mid-forties; the trees now are about four feet tall. Adak originally was established as a Naval Operating Base for the Aleutian campaign during World War II and today supports patrol squadrons and search/rescue vessels and aircraft.

CLIMATE AND WEATHER: Cooled by the Bering Sea and warmed by the Japanese current, Adak's mean temperature is 41 degrees Fahrenheit. The mean temperature ranges from a low of 34 degrees during the winter season (JAN-FEB-MAR) to a high of 49 degrees during the summer season (JUL-AUG-SEPT). Summer maximum temperatures rarely reach 65 degrees while winter minimum temperatures seldom dip below 20 degrees. Annual precipitation averages 69 inches and precipitation of one form or another occurs approximately 261 days per year. During the winter, snow and sleet flurries occur frequently, although heavy snows do not remain in the base area of the island. Annual snowfall averages 1/8 of the total precipitation. Broken clouds or overcast skies occur 90 percent of the time with clear skies occurring only 1 percent. Although the annual average wind velocity is 13 knots, gusts in excess of 60 knots have been observed, at one time or another, during every month of the year during storm passages.

ROADS AND TRANSPORTATION: There are approximately 125 miles of roads on Adak. The main complex of the Naval Station, including all of the housing areas, has about 17 miles of paved roads. The roads to the outlying parts of the Naval Station are unpaved, in fair to poor condition. Shuttle bus service is available during normal working hours and have regular routes through the housing areas and the main points of activity at the base. Bus runs are also made on weekends and holidays to various recreation areas on the island. All children are bussed to and from school.

GOVERNMENT HOUSING: The housing on Adak is above average for an overseas base and consists of duplex units with 2, 3, or 4 bedrooms per unit. Married personnel in pay grades E-4 (with over four years service) and above are eligible for government quarters. Concurrent travel will be authorized for Lieutenant Commanders and above and for enlisted personnel in pay grades E-8 and E-9. Officer and enlisted waiting lists are maintained separately and waiting time is determined by a point system which is calculated on seniority and time aboard. The waiting period fluctuates from two to fourteen weeks. BAQ is forfeited while occupying public quarters.

FURNISHINGS: The following basic items of household furniture are typical of those provided in quarters:

Living Room. Sofa, lamps, end tables, upholstered chairs, occasional chairs, a coffee table, bookcase, desk and rug.

Dining Room. Dining table equipped with extension leaves, chairs, one china cabinet or buffet and rug. Some of the smaller quarters have a dinette, in lieu of a dining room.

Bathroom. Complete bath facilities including tub and shower. Shower curtains are not provided. Some of the larger quarters have a bath and a half.

Bedrooms. One double bed or twin beds complete, one chair, chest of drawers, one vanity in master bedroom, one night stand, double dresser, large mirror and rug. Pillows and bedroom lamps are not provided.

Laundry. One washer and dryer. In some quarters, washers and dryers are shared by two families.

Kitchen. Electric stove and refrigerator.

SHIPMENT OF HOUSEHOLD EFFECTS AND TRANSPORTATION OF DEPENDENTS: Due to the shortage of warehouse space, it is not possible to provide storage for either government-owned or personal furniture or appliances except in the quarters themselves. Therefore, all items brought to Adak must be stored in the quarters assigned, and no government furniture allocated to these quarters may be moved. Most families consider that there is not enough room in their quarters for both a deep freeze unit (preferably an upright model) and an automatic ironer (mangle). Couples without children can plan on having some extra space in the spare bedroom. Space can be found for the following items, and if owned should be brought along: sewing machine, vacuum cleaner, TV, record player and tape recorder. Sleds and bicycles for children can be utilized but not ice skates. Personal furniture and appliances which are similar to government-furnished items should be placed in non-temporary storage at government expense. A limited quantity of china, kitchen utensils and bedding is available for loan until arrival of your own. Items that are particularly desirable and will render your quarters more habitable are table silver, curtains, linens, ironing board, waste baskets, table china, vacuum cleaner, radio (regular and/or short wave) plus wall pictures and decorations. Lawnmowers and garden tools are not needed. Many families bring outdoor barbecue grills.

You should communicate with the District Office nearest your home to make arrangements for shipment of your house hold effects or where the effects will be stored.

Upon receiving orders to Adak, decide whether your family will stay behind or eventually occupy government quarters here. A tour of duty on Adak is 24 months with dependents, and 12 months without. Possible situations in which you might fall are:

YOU ARE NOT GOING TO MOVE YOUR DEPENDENTS TO ADAK: You will probably be eligible for Family Separation Allowance. Consult the Personnel Officer upon arrival. Consult your current Personnel Officer for details of eligibility to draw Dislocation Allowance and shipment of household effects if you intend to relocate your family.

YOU ARE GOING TO MOVE YOUR DEPENDENTS TO ADAK: You must request entry approval and concurrent travel from Commander, 13th Coast Guard District via Commander, 17th Coast Guard District by letter. Upon receipt of this request, Commander, 13th Coast Guard District will issue appropriate instructions.

In general, you will be authorized three shipments as follows:

An express shipment (not to exceed 1000 pounds). Include the things you will need the most upon arrival at Adak such as blankets, linens, silverware, parka, etc.

A freight shipment to Adak in which you should include the balance of small appliances, extra clothing and household effects.

A freight shipment to non-temporary storage including furniture and items not required at Adak.

Your express shipment should be made available to the packers as soon as possible after you receive information that your travel to Adak has been authorized so that it will arrive on Adak at the earliest possible date. It cannot be over-emphasized that adequate liaison with the Household Goods Shipping Office nearest you will be most beneficial in determining which moves and shipments are authorized at government expense and which shipments may entail costs to be borne by you. Supply activities are most willing to render any advice and assistance that they can.

After the service member's arrival on Adak, in the event concurrent travel is not granted, he will be placed on a waiting list for government housing at his request. He may then submit an Application for Transportation of Dependents (DD Form 884) to the Commander, 13th Coast Guard District via the Commander, 17th Coast Guard District. After the service member advances high enough on the housing list to become eligible for assignment to government quarters, Commander, 13th Coast Guard District will be notified by message. Commander, 13th Coast Guard District will then take the necessary action to provide transportation of dependents from CONUS to Adak. Dependents will travel from Seattle, Washington to Adak via commercial air transportation. For dependents coming from the East Coast, a direct flight is available from Chicago to Anchorage thus avoiding changing planes in Seattle. Dependents should be prepared to spend the night in Anchorage. Dependents should also carry their clearance

papers on their person to present to Reeve's Air Lines in Anchorage. For commercial air travel, only 66 pounds of baggage is allowed.

If you do not plan to bring your dependents, or are ineligible to bring dependents to Adak but you plan to move your dependents, you must obtain a denial of entry approval and concurrent travel from COMSEVENTEEN in order to be eligible to draw Dislocation Allowance or ship household effects.

PRIVATELY OWNED VEHICLES:

Automobiles are a basic necessity for families and are considered highly desirable for members unaccompanied by dependents. Personnel are encouraged to bring their cars to Adak since government transportation is limited to scheduled runs only.

Because of climatic conditions, cars should be of the solid, sensible type in excellent mechanical condition in order to cope with rough roads, mud and dust. Repair and maintenance facilities for privately owned vehicles are quite limited and failure of parts not available through normal mail order sources usually results in prolonged out of service periods. Snow or heavy-duty, high-traction tires are advisable and it is highly recommended that the car be under-coated prior to shipment. It is advisable to bring along snow chains. Cars should be made as water proof as possible because of wind-driven rains and the lack of garages in many of the quarters. Regular gasoline is available for about 25 cents a gallon.

If you are a petty officer third class (pay grade E-4 with over 4 years service) or above, you are eligible to ship your car to Adak at government expense. Cars must be delivered to the Coast Guard Supply Depot, Pier 91, Seattle, Wash. for shipment to Adak. You are advised that the government will not transport cars with outstanding liens, without written permission from the Lien Holder. The U.S. Coast Guard Supply Depot, Seattle, Washington will not normally ship your car without prior approval from this command. Base registration requires proof of ownership, liability insurance 10,000/20,000 with property damage of 5,000 and a valid driver's license from any state or U. S. Territory.

UNIFORMS: The uniforms authorized to be worn vary with the season, the type of duty being performed and between working and non-working hours. For male officers and CPCs, the Uniform of the Day is Service Dress Khaki (1 May - 31 October) and Service Dress Blue (1 Nov - 30 April). Service Dress Blue is optional during the summer months. Working uniforms include Service Dress Khaki (coat optional), Tropical Khaki Long, Working Khaki, Aviation Green and Working Blue. For female officers, appropriate corresponding uniforms are required. For Navy enlisted personnel, normal uniforms are Service Dress Blue and Undress Blue; dungarees may be worn when authorized by the Department Head. Watch caps are permitted during the winter months. Marine Corps personnel wear Winter Service A all year except for those duties requiring the Utility uniform.

CIVILIAN CLOTHING: Officers and enlisted personnel in pay grade E-4 and above may wear civilian clothing during off-duty hours. Enlisted personnel below pay grade E-4 are not permitted to wear or have civilian clothing in their possession except members of bowling teams may wear team shirts while bowling and Department heads may authorize civilian clothing for off-duty employment.

PERSONAL CLOTHING FOR DEPENDENTS: Adak is not a perennial icebox and your dependents' present wardrobe, with a few additions, should prove adequate. The overall emphasis should be on water and wind repellent fall-weight clothing as summer is comparatively cool and the winters only moderately cold. A warm overcoat or parka is a must item, as are heavy-soled shoes, raincoats, galoshes and head gear. Heavy clothing is not needed for daily routine living, but outdoor activity makes it advisable to bring woolen suits, sweaters, heavy garments, mittens and gloves. Ladies should bring summer clothes, slacks, swimming suits and hats. Evening gowns, cocktail dresses and dinner jackets are desirable for occasional formal parties. Any masquerade costumes available will be put to good use.

FOUL WEATHER GEAR: After arrival on Adak, all military personnel are issued adequate foul weather clothing. Clothing items usually include, but are not limited to, the following: parka and jacket, underwear, socks and safety shoes. The exact amount and type of clothing received depends largely upon the kind of work to be performed. Division Officers and Department Heads will have the final decision as to the exact amount to be issued.

EMPLOYMENT OPPORTUNITIES FOR DEPENDENTS: The Naval Station employs dependents in a variety of clerical positions under the Civil Service System. Dependents seeking Federal employment are urged to contact the Industrial Relations Office. The Navy Exchange and Special Services also offer opportunities for employment in the retail sales store, laundry and child care center.

OFF-DUTY AIR TRAVEL: Military personnel, civilian employees and dependents are authorized space-available travel on MAC and government aircraft to and from Anchorage, Alaska once per quarter. The sponsor must be in a leave status; dependents may not travel without their sponsor. Occasionally, round trips to Japan are available, but only one trip per 18 months is permitted.

NAVY EXCHANGE: The Navy Exchange operates two Retail Stores, a Tailor Shop, Cobbler Shop, two Snack Bars, Barber Shops, a Beauty Shop, Laundry and Dry Cleaning Plant, a Garage and Service Station, Enlisted Men's Club on the Naval Station and an Enlisted Men's Club at the Naval Communication Station. In addition, radio, television and watch repair service is available. There is a central liquor package store for the convenience of authorized personnel.

COMMISSARY STORE: The Commissary Store is stocked with a complete line of foodstuffs. Canned, frozen, produce and dairy items are always available; however, some fresh produce and dairy products are available in limited quantities due to the long shipping time, and bi-weekly ship arrivals. A large selection of frozen meat is available. Commissary Store prices are approximately the same as prices in the Seattle area.

CHILD CARE: An adequate Child Care Center for children from six weeks old to six years old is available five days a week at reasonable rates. Dependent children are also usually available as evening baby sitters.

TEENAGE INFORMATION: There is at present a Teen Club for dependent children between the ages of 13 and 19. The club has snack bar facilities, a juke box for dances and occasionally live music. There is also organized outside recreation, such as hikes, picnics and hay rides. The Club is self-supporting and membership dues are collected. There are also active Boy Scout, Cub Scout, Girl Scout and Brownie organizations for island dependents. Children age ten or older may use the supervised rifle and pistol range.

TIME ZONES: Adak shifts to Bering Daylight Saving Time (W) during the summer months with the remainder of the year being on Bering Standard Time (X).

SAMPLE STANDARD TIME CHART AND ZONE DESCRIPTION

| S.T. PLACE | BERING ADK | ALASKA ANCHOR. | YUKON YAKUTAT | PACIFIC SAN FRAN. | MOUNTAIN DENVER | CENTRAL MEMPHIS | EASTERN NORFOLK | ZULU LONDON |
|------------|------------|----------------|---------------|-------------------|-----------------|-----------------|-----------------|-------------|
| TIME | 0800 | 0900 | 1000 | 1100 | 1200 | 1300 | 1400 | 1900 |
| ZD | 11 | 10 | 9 | 8 | 7 | 6 | 5 | 0 |
| ZONE | X | W | V | U | T | S | R | X |

During the winter months, when it is 0800 in Adak (Bering Standard Time), it is 1400 in Norfolk (Eastern Standard Time). At the same time it is 1100 in San Francisco (Pacific Standard Time) and 1900 in London (Greenwich Mean Time). If making a long distance call to this Station, please note the time difference from your time zone.

RADIO AND TELEVISION: Adak has an Armed Forces Radio and Television outlet which broadcasts not only important local announcements and events, but also some of your favorite stateside radio and television programs. In addition, many stateside programs may be received on short wave radio. AFRS radio broadcasts 24 hours a day on 890 KC (250 watts) with news broadcasts on the hour. AFTV broadcasts approximately 14 hours a day with 120 watts (Channel 8) output which covers the major portions of the island.

RECREATION: Recreation facilities on Adak are varied. Special Services has equipment issue for basketball, softball, badminton, boxing, skiing, skeet, hunting, fishing and horseshoes. There is an indoor swimming pool, a 23,000 volume library and a theater which offers two shows nightly and weekend matinees. An indoor rifle and pistol range is available as well as an outdoor rifle range and a skeet range. Boating is enjoyed during the summer months at Lake Andrews and a picnic area is available near the boat house. Two bowling alleys (eight and ten lanes) are in use as well as a roller rink, gymnasium and an indoor golf driving range. Special Services facilities provide for auto repairs, photography, ceramics, leather work, model building, and rock cutting and polishing. A SCUBA Diving Club and a Square Dancing Club (The Aleutian Whirlaways) are open to those interested. In addition to the two Enlisted Men's Clubs, there is a new CPO Club, a Fleet Reserve Association Home and the Hammerhead Lodge (Officers' Club).

CHURCHES: There is both a Protestant and a Catholic Chaplain on Adak and religious services are held regularly. Active programs of religious education, adult and children's choirs, youth fellowships and other chapel activities include the entire family. Jewish personnel are served through a program of lay leadership and by visits from an Air Force Rabbi from Elmendorf Air Force Base, Anchorage. Church of Christ and Latter Day Saints services are also held.

U.S. MAIL SERVICE: Adak has a Navy Post Office which provides all services usually available in any U.S. Post Office except Special Delivery and C.O.D. services. First Class, Air Mail, and Parcel Post arrives at Adak on Mondays, Wednesdays and Fridays. An additional flight on Thursdays is usually scheduled during the Christmas season. Air and first class letters average two to four days transit time from west coast states; parcel post usually arrives within three weeks. Mail order service from the Washington-Oregon area is available and widely used. Remember your ZIP Code: 98791. Without this code, FPO Seattle cannot forward your mail. Below is a sample of the proper manner in which to address letters with the use of local box numbers:

JO2 KENNETH H. TESTORFF, USN
U. S. NAVAL STATION ADAK
BOX 2
FPO SEATTLE 98791

HUNTING AND FISHING: Hunting consists of caribou, ptarmigan, geese, ducks and seal. Fishing is fair to good in the area, with salmon and trout fishing being very popular. Recreational leave may also be taken to the mainland of Alaska with its abundant hunting and fishing facilities. The Adak Sportsman's Club will be able to provide you with full particulars after your arrival.

BANKING FACILITY: A local facility of the First National Bank of Anchorage is available to all personnel. Personal checking and savings accounts are available; however, safe deposit boxes are not.

MEDICAL CARE: It is very important that you understand the limits of medical care available for your dependents on Adak. Although adequate facilities are available for routine medical care, obstetrics and emergency surgery, there are no medical specialties available except for general surgery. Major elective surgery is not performed. Laboratory tests and drugs are also limited. To obtain specialized care it is necessary for patients to travel 1200 miles to Anchorage and dependents may be liable for the cost of their own transportation. Dependents who wear glasses with corrective lenses are advised to have a current eye examination and bring extra pairs of eye glasses or make arrangements for replacements. All dependents must have prior medical clearance from the Naval Station Medical Department before entry approval can be granted; this is accomplished by having each dependent complete and forward a medical history and medical and dental examination forms. The forms are to be filled out and signed as indicated in the forwarding letter of instruction. If instructions and forms are not attached to this brochure, they may be obtained by writing to the Medical Officer, U. S. Naval Station, Box 11, FPO Seattle 98791.

DENTAL CARE: The primary responsibility of the Naval Station Dental Department is the care and treatment of military personnel. For this reason it is imperative that all dependents have necessary dental treatments completed prior to departure for Adak. Missing teeth need not have been replaced with prosthetic appliances; however, the Dental Department will not be able to provide this service. Dependent care is limited to emergencies and necessary dental maintenance. Periodically an orthodontist from Elmendorf Air Force Base visits Adak for consultation and adjustment of orthodontic appliances that are already being worn. This arrangement is temporary and can not be depended upon as a continuing service.

LEAVE: It is Navy-wide policy to grant leave whenever possible. Military personnel are permitted to travel via Military Airlift Command and government aircraft on a space-available basis; however, proof of financial ability to travel by commercial means may be required. The approximate cost of commercial travel, round trip, between Adak and Seattle is \$270.00 (military standby).

EMERGENCY LEAVE: Emergency leave may be granted to personnel when a bonafide emergency exists. An emergency is deemed to exist when:

- a. The return of a member will contribute to the welfare of a dying member of his immediate family, i.e., father, mother, spouse, children, sister, brother, or only living relative.
- b. There is the death of a member of the serviceman's immediate family.
- c. A serious illness or accident occurs to a member of a serviceman's immediate family and results in problems which must be solved immediately and which cannot be solved by any other individual or means.
- d. When the failure to return home would create a severe and unusual hardship on either himself or his family.

Personnel desiring emergency leave should obtain Red Cross verification to expedite departure and be prepared to pay full commercial air fare.

ADAK SCHOOL: The Adak School is part of the Alaska On-Base school system. The schools in this system are located on military bases and are operated by the State of Alaska. They are in no way connected with the military overseas school system. All schools are under the direct control of the Director of On-Base Schools, whose office is located at Elmendorf Air Force Base, Anchorage. On each base there is a local superintendent who has administrative supervision. Teachers for the On-Base schools are certified by the State Department of Education in Juneau, as are all teachers in Alaska. The Adak School is physically and administratively divided on a 7-6 plan (K-6 and 7-12), with a student enrollment of about 600. The upper six grades are housed in a new addition which includes a gym, shop, and laboratories. The elementary grades are housed in an older building adjacent to the new wing. Most students eat lunch in the school cafeteria. Students do well on standardized tests as a rule, testing somewhat above the national average in most areas. Elementary teachers average about 25 pupils per class, junior high about the same, and high school somewhat less. Standard courses are offered in the upper grades, although the small enrollment limits the elective offerings. Graduation requirements from the Adak High School, which fulfill Alaska minimum requirements are:

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|---|-----------------------------------|
| 3 units in English | 1 unit in Mathematics |
| 1 unit in World History | 1 unit in Science |
| 1 unit in American History | 1 unit more of Math or Science |
| $\frac{1}{2}$ unit in American Government | $8\frac{1}{2}$ units in electives |
| 1 unit in Health and Physical Education | |

Parents of high school students are encouraged to write to the Adak School, Box 34, FPO Seattle 98791 for further information.

DEPENDENT TEACHERS: There is no policy in effect restricting the hiring of dependents as teachers. However, applicants must qualify for an Alaska Teaching Certificate before being offered a contract. For more information and application forms write to the Adak School Superintendent or to the Director, Alaska On-Base Schools, Pouch 7019, Anchorage, Alaska 99501.

EDUCATION FOR RETARDED CHILDREN: There are no provisions for students requiring special education.

SPECIAL NOTE: As indicated earlier, Adak does not have a true Arctic climate as it is not that far north; nor does the island have the extreme hours of daylight and darkness that most of Alaska does. On the shortest day of the year (December 21st) sunrise is at 0852 and sunset at 1637. On the longest day (June 21st) sunrise is at 0528 and sunset at 2210. Twilight is relatively long during the summer months.

SPONSORS: Most Adak activities appoint a sponsor for incoming personnel. If your future duty station does not have a sponsor contact you within a reasonable length of time, address any questions you might have to your new command and a sponsor will be appointed to make a reply.

WELCOME TO ADAK, ALASKA!







