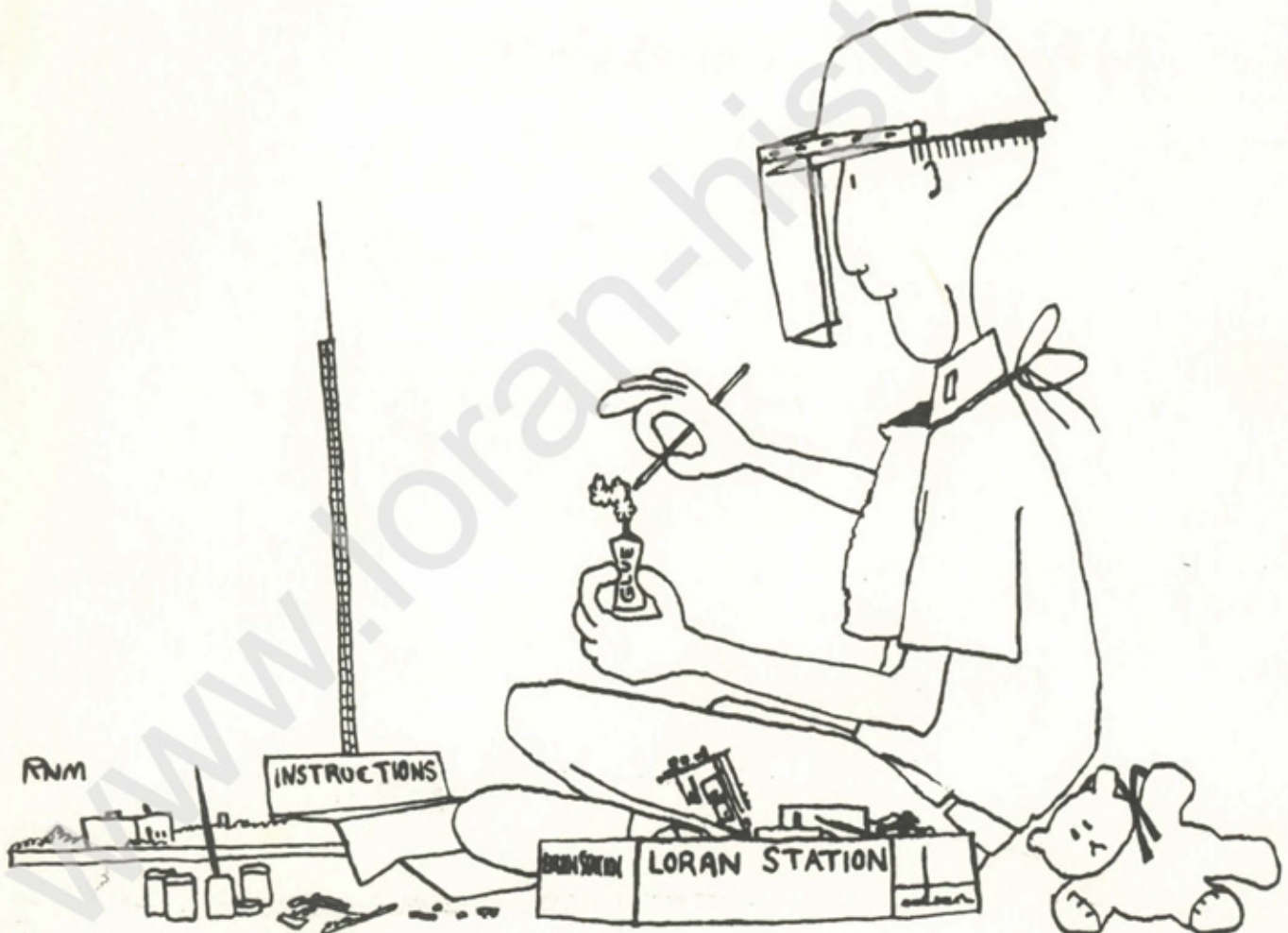




COAST GUARD

Loran Station **KAMI SEYA**



General Information Book

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CHAPTER I

GENERAL INFORMATION

A. GEOGRAPHY:

Loran Monitor/Radio Station is situated some fourteen miles from Yokohama proper. The station is located aboard the U. S. Naval Radio Receiving Facility Kami Seya, Japan.

B. TOPOGRAPHY:

Kami Seya is located in the fertile Kanto plain. This fertile breadbasket of central Japan is bounded on the North and South by two mountain ranges. Both mountain ranges are primarily volcanic in nature with the northern range the larger of the two.

C. WEATHER:

Four distinct seasons give Japan a very interesting climatic picture. Summer with its hot humid rains, which leads into an unusually violent typhoon season during late August and September. Typhoons usually are more severe along the southern coast, catching Kami Seya with heavy winds and rains.

Clear, crisp mornings mark the coming of autumn to Japan, afternoons are moderately warm and turn to cool evenings.

The driest season, winter, turns autumns moderate days into the cold mornings and evenings expected in a nordic climate. Northern Japan is roughly parallel with northwestern U. S. Winter is the best time of the year to view Mt. Fuji, one of the seven wonders of the world. A moderate amount of snow falls throughout the winter, with one or two bad storms in late January or early February.

Spring -- this is the most beautiful time of the year in Japan. Clear days and nights. Short sleeve weather that makes the country a photographers delight. Cherry blossoms are in abundance and a cherry blossom festival is a must for all.

Kami Seya has approximately 400 military personnel assigned. There are six tenant commands at Kami Seya with NRRF hosting.

CHAPTER II

OPERATIONS

A. COMMUNICATIONS:

This station is actually two stations combined. The Radio Station Kami Seya has been located at this location since 1963. The Loran Monitor Station moved here from Fuchu Air Station in the summer of 1973.

The primary functions of the Radio Station include, providing rapid, reliable communications support for Far East Section Tokyo Japan located at Yokota AB, providing rapid reliable communication support for the NWPAC Loran C chain through Voice, RATT, CW, and teletype circuits.

B. AIDS TO NAVIGATION:

The primary mission of the Monitor Station is operating and maintaining Loran C and Universal Timing Equipment to monitor and control the Master Xray and Master Yankee baselines of the Northwest Pacific Loran C Navigation System (NWPAC). The system is CSS-3-X and CSS3-Y as assigned by the Commandant. Kami Seya monitors and reports on the quality of synchronization regarding:

- Phase coding
- Frequency
- Repetition rate
- Pulse shape and spacing
- Time difference and tolerance
- Blink and unusable time
- Synchronization with respect to universal time

C. COMMUNICATIONS PERSONNEL:

Radio Station Kami Seya is presently assigned five RM's. Four of which stand watches on the NWPAC Loran C communications net, handle incoming and outgoing traffic via local teletype circuits, Navy AUTODIN circuit and RATT Circuits. In addition the RM's are tasked with maintaining communications files, logs and publications.

CHAPTER III

PERSONNEL

Loran Monitor Station Kami Seya maintains a complement of nine personnel. The leading ET maintains the critical upkeep and continuous training program of the station.

All personnel records for Loran Monitor/Radio Station Kami Seya are handled through the office of the Commander, Far East Section Tokyo, Japan.

Medical facilities are readily available for all Loran Monitor/Radio Station personnel through the Naval Radio Receiving Facility Kami Seya Dispensary. Facilities are more than adequate for both medical and dental needs, the base also offers through the Navy, emergency medical care for all personnel and their dependents. The Navy also maintains a Fire Station concerned basically with the prevention of fire and accidents before they occur.

Personnel training and education is carried out through implementation of the "Northwest Pacific Watchstanders Training Guide". Another aid to training and education lies in the use of the "Headquarters Watchstanders Training Guide". Technical class sessions and practical application of the basics of the running of the C station are conducted for each personnel assigned. All personnel upon entering FESEC loran monitor systems must go through extensive on-the-job training with another experienced technician present.

Kami Seya has a gymnasium, completely equipped, is located within easy walking distance and offers basketball, gymnastics, etc. There is a softball field, football field, and tennis court located on base. During the summer months the base swimming pool is open with a lifeguard assigned on a daily basis.

All official mail is handled through the FPO 98768. Personal mail may be sent through the same FPO, where the station is assigned a box. Postal fees are computed from Seattle to the destination of their delivery. This computation amounts to the same postal rate in effect from the U. S. Large packages delivered from the States will take from four to eight weeks in reaching Kami Seya as they must travel as surface mail from a port of debarkation.

A wide selection of products can be purchased through the Navy Exchange. Prices are considerably less than what can be found State-side on many items. Connected to the Navy Exchange are several departments of interest, such as purchasing agent for domestic cars, flower and garden shop, and special order desk.

CHAPTER IV

ENGINEERING

Kami Seya utilizes commercial 60 hz power for station lighting and equipment. Emergency power is supplied by the host command.

All general and civil engineering for LM/RS Kami Seya is provided by the Public Works Department through an Inter-Service Support Agreement (ISSA). Such items are:

- Air conditioning
- Heating systems
- Building maintenance
- Telephone services
- General electrical repair and maintenance

LM/RS Kami Seya has three (3) 60 hz to 400 hz motor generators to provide the 400 hz necessary for the operation of the AN/SPN-30 Loran C receivers.

ELECTRONICS ENGINEERING:

Kami Seya is an operational Loran Monitoring Station and therefore is responsible for all electronics engineering and maintenance as required by current directives and publications.

The following is a list of electronic equipment operated and maintained by Kami Seya personnel, both Loran and Communications associated equipment:

- AN/SPN 30 Loran C receivers with associated indicators and antenna couplers - 3 ea
- Hewlett Packard 5061A Cesium Beam Frequency Standard - 3 ea
- Austron Loran C Monitor (Timing Receiver) Model 2000 - 2 ea
- Tracor Frequency Distribution Unit Model 525
- Tracor Linear Phase/Time Comparator Model 895A - 2 ea
- ME-179/U (Part of AN/USH-8) Recording Ammeter - 7 ea
- Collins 651S-1A Receiver - 4 ea
- Model 1946 Radio Teletype Convertors - 4 ea
- Model 995 Radio Teletype Keyers - 4 ea
- Compressor Amplifier M57D1 - 2 ea
- AN/R-390/URR Radio Receiver - 1 ea (spare)

In addition to the equipment listed above, there are many other support items and pieces of test equipment on board.

The AN/SPN-30 Loran C Receivers have been modified to accept the external 100 khz reference from the Cesium Beam Oscillators through the Tracor Freq. Dist. Unit. A toggle switch has been mounted on the front of the SPN-30 receivers to enable the operator to select either the external 100 khz Cesium Beam Reference or the internal 100 khz Crystal Oscillator Reference in the event of a Cesium Oscillator failure.

All electronic test equipment at LM/RS Kami Seya is calibrated on a regular basis. Calibration is done by the Calibration Laboratory located at Naval Air Facility Atsugi.

CHAPTER V

COMPTROLLER

All supply related requisitions, resupply and Boards of Survey are processed through the Office, Commander, Far East Section.

Pay records and implementation are carried out for LM/RS Kami Seya through the Office, Commander, Far East Section.

Locally there is a small supply source provided by the Host through the ISSA. These are small high usage items such as office supplies, fuses, etc.

CHAPTER VI

ADMINISTRATION

The reports and logs maintained by LM/RS Kami Seya in accordance with the latest instructions are:

CG-2899 Report of Loran Station Operation and Electronics Engineering with enclosures (submitted monthly)
CG-2614 Communications Summary (submitted quarterly by the Radio Station)
Weekly Loran C Summary Graphs
Daily Loran Report to O'COMFESEC
Daily message to the U. S. Naval Observatory
CG-3912 Loran C Transmitting Station and/or Monitor Log
CG-2614A Radio Log (maintained by both Monitor and Radio Station)
Several miscellaneous logs and charts as necessary to meet local needs

Personnel service records are maintained by O'COMFESEC.

All official correspondence concerning LM/RS Kami Seya in any way must be channeled through O'COMFESEC.

Medical records are maintained by the NRRF Dispensary.

The Commanding Officer of LM/RS Kami Seya is responsible for the proper and efficient operation of the Station. He may delegate authority and assign duties as required for the smooth operation of the station in accordance with CG-300, Coast Guard Regulations.

CHAPTER VII

GENERAL INFORMATION FOR RELIEF PERSONNEL

The mailing address for this station, both official and personal mail is:

U. S. Coast Guard
Loran Monitor/Radio Station
Box G
FPO Seattle WA 98768

Family Quarters. There are three housing areas in the vicinity of Kami Seya that married personnel can apply for, they are:

Kami Seya Gardens. 66 units ranging from one bedroom up to four bedrooms.

Atsugi. They offer regular duplex housing and high rise housing. One through four bedrooms are available.

Yokohama. Offers single units, duplex and quadplex housing. Also one through four bedrooms available.

Family housing in the Kami Seya area is administered by the Navy Housing Office. Assignment is by points accrued, number of dependents, special requirements. The point system is counted to include, time in rate, pay grade, time aboard ship, etc. Number of dependents determine the number bedroom house you would qualify for. Special requirements include, invalids, etc.

Kami Seya Gardens is located on Base Kami Seya. Atsugi is approximately 6 miles from Kami Seya, driving time during rush hour, 20 to 40 minutes. Yokohama is located approximately 14 miles from Kami Seya, driving time during rush hour, 1 1/2 hours to 2 hours.

HHG should be shipped as soon as possible after receipt of orders. Have them shipped via Naval Supply Depot Japan. The NSD will have them delivered to your quarters, on or off base. Upon receipt of your orders, Kami Seya will assign a sponsor who will correspond with you to let you know what to/not to bring.

If you ship a vehicle here, the following are useful suggestions:

Don't ship a big car. Japan roads are small compared to States. Have the car shipped to North Pier Yokohama, not Yokosuka.

North Pier is closer to Kami Seya and it is much easier to pick up the car and have it registered.

Shipping time varies on vehicles, if you are going to need a vehicle soon after arriving in Japan, ship it as soon as you can prior to departing the States.

Clothing can be obtained locally. Coast Guard devices are non-existent in the exchanges in Japan. Be sure you bring an ample supply. Devices can be ordered through the C&SS in Base Honolulu.

Drivers licenses can be obtained at Kami Seya for both sponsor and dependents.

Travel to and from Tokyo Japan is usually accomplished via MAC military charter, occasionally commercial transportation is authorized. In either case, upon arrival in Japan at Tokyo International Airport and after clearing customs call 0462-51-1520 which is the Zama Operator, then ask her for Kami Seya 228-8306 or 228-8633. If arriving at Yokota Air Base, simply call 228-8306 or 228-8633. The LM/RS Kami Seya is manned twenty-four hours a day. The above phone numbers will get you in touch with the Radio watch who will give you instructions on how to report to Kami Seya, or the Billeting Office at Yokota. If you arrive at Tokyo International, it is advisable to convert \$20 to \$30 into yen at one of the many authorized money changers, to cover the cost of food, and taxi fare to Kami Seya, also when changing money into yen, be sure to ask for a lot of the 10 yen pieces necessary for phone calls.

Your sponsor will probably meet you at the airport; however, we have had people come over and we never received flight data on them. REMEMBER, upon receipt of orders and after being assigned a sponsor, correspond. If possible, let him know your flight number, flight date and port of arrival in Japan.

CHAPTER VIII

GQ AND NBC WARFARE BILL & OTHER EMERGENCY EVENTS

Since LM/RS Kami Seya is located aboard a U. S. Naval Facility, all emergency bills are promulgated by the host command, U. S. Naval Radio Receiving Facility. These bills are maintained at this station and all hands reporting aboard will be required to read them.

