

NOTES ON SINGLE SIDE BAND USE

1950-51
NATIVE L-200 info

- ① HIGH FREQUENCIES RELY ON "SKIP" OR PROPOGATION FOR GOOD COMMUNICATIONS, AND ARE SUBJECT TO CHANGE THROUGHOUT THE DAY.

FOR MAXIMUM RANGE YOU MUST CHOOSE THE RIGHT CHANNEL AND THE RIGHT TIME OF DAY.

Example: early morning and late afternoon will provide coverage even beyond 1000 miles on the 8 MHz band.

At night the 4 MHz band is excellent for contacts of 600 miles or more.

graph page 7
table page 19

Frequencies above 12 MHz cover distances up to 10,000 miles at certain times of the day, but fade out completely at night.

- ② When placing your call to a high seas station, advise the operator of the bearing from the coast station to your vessel. This will permit a faster response from his directional antenna. Announcing the channel also improves response time. Most operators are listening to more than one channel at a time. An operator may be alone and may be busy with another station. WHEN CALLING THE SHORE TELEPHONE STATION MAKE YOUR TRANSMISSION AT LEAST 15 SECONDS LONG. Some stations use a voice activated switch with a long time delay to eliminate false calls due to static or interference.
- ③ As you change distances with respect to the station, keep a log of signal strength.
- ④ When signals seem weak, your best opportunity to be heard is to call immediately upon the conclusion of the preceding transmission. BUT WAIT UNTIL THE OPERATOR STATES THAT HE IS CLEAR.
- ⑤ KMI Weather for North Pacific 2 PM, 8 PM, 5 AM HST
- ⑥ WWVH Radio Propagation Forecast 14 MINUTES PAST HOUR
- ⑦ WWVH RADIO North PACIFIC Weather 47, 48, 49, 50, 51 minutes PAST HOUR

RADIO MAHINA (TAKITI)

24 HOURS

SINGLE SIDE BAND///
M Hz

HOKULEA TRANSMIT
RADIO MAHINA RECEIVE

2182.0 DISTRESS + CALLING (NIGHT)

2435.0 WORKING (NIGHT)

4109.5 WORKING (NIGHT/DAY)

8281.8 WORKING (DAY)

M Hz

HOKULEA RECEIVE
RADIO MAHINA TRANSMIT

2182.0

2620.0

4403.0

8805.7

NOTE: CALL ANYTIME, BUT SHIP SCHEDULE IS AS FOLLOWS...

0845 HST	=	1845	GMT
1100 HST	=	2100	GMT
1430 HST	=	0030	GMT
1630 HST	=	0230	GMT

VHF///

156.8 M Hz DISTRESS ONLY