

**BY ORDER OF THE COMMANDER,
PACIFIC AIR FORCES**



PACAF INSTRUCTION 33-101

1 MAY 2002

Communications and Information

**COMMAND UHF SATELLITE
COMMUNICATIONS NET**

COMPLIANCE WITH THIS PUBLICATION IS MANDATORY

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This instruction implements AFD 33-1, Command, Control, Communications, and Computer (C4) Systems. It outlines general procedures to be used in activating and operating the UHF Satellite Communications Network supporting HQ PACAF and Numbered Air Force (NAF) command centers. This publication does not apply to the Air National Guard (ANG) or Air Force Reserve Command (AFRC) units and members.

SUMMARY OF REVISIONS

This revision incorporates procedures formerly published in PACAFI 33-101. It aligns procedures to activate the PACAF command UHF Satellite Communications Network.

- 1. General.** To enhance secure voice connectivity between HQ PACAF and NAF command centers, a UHF Satellite communications network was established using UHF satellite communications transceivers with VINSON encryption devices. This net is to be activated only during crises/contingencies or selected exercises. Access must be requested only for the specific period of operation.
- 2. Crisis/Contingency Activation.** When necessary, the senior emergency action controllers in the PACAF Command Center will activate the net by requesting an emergency satellite access request from HQ PACAF/SCC during duty hours or during non-duty hours contact designated SCC point of contact; then coordinating activation with NAF command centers using DSN or commercial telephone.
- 3. JCS Exercise Activation.** For support of JCS exercises, requests for satellite access must be forwarded for validation to USCINCPAC/TCCC (477-1076) IAW PACOM UHF Satellite Access Request (SAR) format (<http://www.hq.pacom.smil.mil/J6/J63/satcom>), 45 days in advance. When access has

been validated and frequency authorized, the PACAF Command Center will activate the net at the prescribed time by coordinating with NAF Command Centers and following published/local procedures.

4. PACAF/NAF Exercise Activation. Requests for satellite access must be forwarded IAW PACOM UHF SAR format (<http://www.hq.pacom.smil.mil/J6/J63/satcom>) 45 days in advance to HQ PACAF/SCC. Once approved, the net may be activated at the prescribed time by coordinating with NAF command centers and following published/local procedures.

5. For All Satellite Usage (Crisis/Contingency, JCS or PACAF/NAF Exercise). Once the requesting activity receives a Satellite Access Authorization (SAA) a frequency proposal must be submitted through normal spectrum management channels to HQ PACAF/SCI (DSN 449-4637) in order to obtain a temporary frequency authorization on both the uplink and downlink frequency for the intended operating locations.

6. Lost Communication Procedures. Loss of contact between stations on the net must be resolved by using alternative communications, (i.e., DSN, commercial telephone, radio, etc.). Always ensure that all switch settings on the transceiver and crypto are correct, that proper frequency is dialed, and that power is applied to equipment before resorting to alternate means. The command center experiencing the lost contact should initiate the coordination with net control or the other station.

7. COMSEC Procedures. COMSEC keylists and publications must be on-hand to ensure interoperability. COMSEC requirements will be established with local COMSEC accounts, and command center personnel will be trained on COMSEC procedures for VINSON equipment. Once coded, the equipment will be afforded physical and electronic security commensurate with keylist used. The following COMSEC documents will be maintained by command centers in support of this net:

7.1. USKAT 1105 - USPACOM Joint VINSON Ops.

8. Maintenance. 24-hour-per-day maintenance is available at all locations and is requested in the following manner (all phone numbers listed are DSN):

8.1. PACAF Command Center: Call 448-8500

8.2. 5 AF Command Center: Call 225-2536

8.3. 7 AF Command Center: Call 784-7000

8.4. 11 AF Command Center: Call 317-552-3000

8.5. 13 AF Command Center: Call 366-6523

9. Net Control. The PACAF Command Center will exercise control of the net and ensure proper net procedures are followed. Appropriate call signs will be assigned, COMSEC keylists identified, and protocol established. The net will be activated/deactivated at the direction of the net control authority, usually the on-duty senior emergency action controller.

10. Deactivation Procedures. The net control authority will direct deactivation. After deactivation, the COMSEC equipment will be zeroed, transceiver frequency setting neutralized, and equipment power turned off IAW published/local deactivation procedures.

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