

UNCLASSIFIED

AD NUMBER
AD831734
NEW LIMITATION CHANGE
TO Approved for public release, distribution unlimited
FROM Distribution authorized to U.S. Gov't. agencies and their contractors; Administrative/Operational Use; 10 FEB 1968. Other requests shall be referred to Office of the Adjutant General [Army], Washington, DC 20310.
AUTHORITY
OAG ltr 29 Apr 1980

THIS PAGE IS UNCLASSIFIED



DEPARTMENT OF THE ARMY  
OFFICE OF THE ADJUTANT GENERAL  
WASHINGTON, D.C. 20310

AD83173

IN REPLY REFER TO  
AGAM-P (M) (17 Apr 68) FOR OT RD 681125 25 April 1968

SUBJECT: Operational Report - Lessons Learned, Headquarters, 37th  
Signal Battalion (Spt), Period Ending 31 January 1968 (U)

SEE DISTRIBUTION

1. Subject report is forwarded for review and evaluation in accordance with paragraph 5b, AR 525-15. Evaluations and corrective actions should be reported to ACSFOR OT RD, Operational Reports Branch, within 90 days of receipt of covering letter.
2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

*Kenneth G. Wickham*

KENNETH G. WICKHAM  
Major General, USA  
The Adjutant General

1 Incl  
as

DISTRIBUTION

- Commanding Generals  
US Continental Army Command  
US Army Combat Developments Command
- Commandants  
US Army Command and General Staff College  
US Army Ordnance School  
US Army Quartermaster School  
US Army Signal School  
US Army Southeastern Signal School

Copies furnished:  
Office, Chief of Staff, US Army  
Deputy Chiefs of Staff  
Chief of Research and Development  
Assistant Chiefs of Staff  
Defense Documentation Center  
CO, 37th Signal Battalion (Spt)

D D C  
RECEIVED  
MAY 10 1968  
RECEIVED

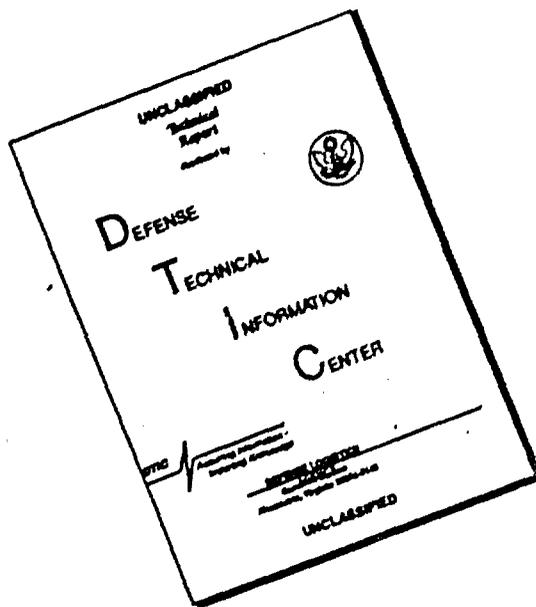
C 23

STATEMENT #2 UNCLASSIFIED

This document is subject to special export controls and each transmittal to foreign government or foreign nationals may be made only with prior approval of Department of the Army

*Office of the Assistant Chief of Staff for Force Development Attn: FOR-OT-RD, Washington, DC 20310*

# DISCLAIMER NOTICE



THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.

DEPARTMENT OF THE ARMY  
HEADQUARTERS, 37TH SIGNAL BATTALION (SPT)  
APO 96337

SCOVIG-DH

10 February 1968

SUBJECT: Operational Report for the Quarterly Period  
Ending 31 January 1968 from Headquarters,  
37th Signal Battalion (Spt) (RCS CSFOR-65)  
(DC:TO)

TO: Commanding General  
United States Army Vietnam  
ATTN: AVHGC-DH  
APO 96307

SECTION I  
SIGNIFICANT ORGANIZATION OR UNIT ACTIVITIES

1. GENERAL:

a. The 37th Signal Battalion's mission did not basically change during this quarterly period, however the battalion assumed additional responsibilities.

b. The battalion underwent its Annual General Inspection for FY 68 during the period 4-8 December 1967.

c. On 23 December 1967 the battalion was visited by General Harold K. Johnson, Chief of Staff, US Army and SGM William O. Coldridge, Sergeant Major of the Army.

2. Activities:

a. On 12 November 1967 the battalion sustained six (6) KIA. Personnel were killed instantly while in route to test fire weapons when their three quarter (3/4) ton truck was destroyed by a suspected command detonated 750 lb bomb.

b. The turnover in personnel was as follows:

	LOSSES	GAINS
OFF:	CPT 2	1
	Lt 7	4
WO:	5	6
EM:	351	290

FOR CTRO  
681125

SCCVNG-DH

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CSFOR-65) (DDYTO)

c. During this quarter there were changes in both assistant S-3 positions, battalion Personnel Officers, Signal Maintenance Officers and in Unit Supply Technicians.

d. The battalion Chaplain, Chaplain (Captain) John A. O'Connor exceeded the brigade standard in signal site visitations by 200%.

e. Personnel from the battalion were active in the civic action programs through sponsorship of students, by voluntarily paying all or a part of their school expenses and teaching English at the China Beach, Red Beach and Sacred Heart Orphanages.

### 3. Personnel and Administration:

a. The battalion is up to its authorized strength and 85% of its required strength. However, there still remains some critical MOS shortages.

b. During the quarter, critical shortages in MOS 05C were eliminated due to changes in mission requirements. Radio Teletype personnel are used primarily as contingent assets of this battalion. Personnel requisitions were accurate and submitted on a timely basis. Those job areas that are considered critical are listed below:

- (1) 05E-Radio Operator
- (2) 31L-Field Radio Relay Equipment Repairman
- (3) 31K-General Crypto Repairman
- (4) 31M-Radio Relay Carrier Attendant
- (5) 31N-Tactical Circuit Controller
- (6) 36C-Lineman
- (7) 52A-Powerman
- (8) 63A-Motor Maintenance Apprentice
- (9) 72C-Telephone Switchboard Operator
- (10) 76Y-Unit and Organization Supply Specialist

c. Appointments: Promotion allocations were more than adequate. This organization exhausted its promotion lists.

d. Awards and Decorations: The objective of recognizing deserving personnel for a appropriate award and decoration was better realized this period than the last period in that more site inspections were made. The battalion underwent an Annual General Inspection and programs were initiated to give continuous emphasis toward identifying outstanding performance of duty.

SCCVIG-DV

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS) (CSTOR-65) (D YTC)

4. Security:

a. A quarterly security inspection was conducted at all of the assigned companies.

b. Physical security of all signal sites received increased attention. All sites are progressing satisfactorily on bunker development. One exception is the new containment area at Phu Bai where these defensive structures are under development.

c. During the quarter a total of 92 secret clearances were validated. There were 41 crypto access authorizations and 5 confidential clearances granted.

d. The number of classified documents in the repository stands at 139 secret documents on hand. At the beginning of the quarter there were 118 secret documents on hand. This increase is due to increased operational need for classified documents. The routine inventories to determine need for maintaining documents continue and are keeping the number of classified documents on hand to a minimum.

e. There were 26 enemy initiated actions affecting 37th Signal Battalion sites during the reporting period. Casualties from these incidents were 6 KIA and no MIA. The KIA resulted from a mine explosion involving one of this Battalion's vehicles. Damage to communications facilities was minimal.

5. Safety:

a. The following recordable accidents and personal injuries occurred during the quarter:

(1) Vehicle Accidents: 7

(2) Personnel Injuries: 4

b. Accident exposure for the quarter:

	Oct	Nov	Dec	TOTAL
Man Days	27,742	22,088	24,239	73,069
Mileage	82,088	97,738	101,526	280,354

c. Command emphasis will continue to be placed on all aspects of safety and the reduction of accidents and injuries.

SCCVNIG-DN

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CSF 2-65) (DCYTO)

6. Training:

a. In addition to the required training, this Battalion sent 39 enlisted men and 1 Officer to 1st Signal Brigade and 21st Signal Group schools. On-the-job training and cross training have been utilized to alleviate initial MOS shortages caused by an increase in operational commitments. 37th Signal Battalion Regulation 350-1, Education and Training has been published and is being implemented.

b. This Battalion was not engaged in training as a principal activity during the past quarter. However, it was operationally ninety-two days and during this period personnel were engaged in cross training, on-the-job training and training in general military subjects.

7. Operations:

a. The general mission and area of responsibility for the 37th Signal Battalion did not change this quarter.

b. Two UHF systems were activated between Da Nang and Hoi An West in support of the 2nd ROK Marine Brigade. When the Brigade moved, the Hoi An West terminal was relocated to Hoi An East and a site was established there.

c. A secure RTT net was established for test purposes between 37th Signal Battalion Headquarters, Da Nang and 21st Signal Group Headquarters, Phu Trang.

d. A UHF system between Da Nang (Hill 244) and Chu Lai was deactivated and the Hill 244 site was deactivated.

e. HF stations were established at Da Nang, Phu Bai, and Chu Lai in the MACV Air-Ground Secure RTT Net.

f. The interim takeover of the Phu Bai Signal Central Office was accomplished.

g. One VHF system was activated between Phu Bai and Hue.

h. Two VHF systems were activated between Phu Bai and Phu Bai North in support of the 1st Air Cavalry Division. When the unit moved, the Phu Bai North terminal was relocated at Hue North and a new site was established there.

i. A tropo system was activated and tested between Phu Bai and Khe Sanh. The system was deactivated and a new tropo system activated between Hue and Khe Sanh.

SCC 1G-DH

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CSFR-65) (ACTO)

- j. An SI-611 patching panel was installed at Dong Ho.
- k. The VHF system from Duc Pho and Chu Lai to Cu Lao Ra Island was deactivated and the Cu Lao Ra Island site was deactivated.
- l. A VHF system was installed between Duc Pho and Sa Huyhn and a new site established at Sa Huyhn in support of Task Force MacDonald.
- m. A tropo system was tested and activated between Chu Lai and Vung Chua Mountain.
- n. The tropo system between Quang Nam and DaNang was deactivated.
- o. A UHF system was activated between Chu Lai and Hoi An South and a new site established at Hoi An South.
- p. Two UHF systems between Chu Lai and Dong Phuoc were deactivated and the Dong Phuoc site was deactivated.
- q. The A/IRC-90 system between Da Nang and Chu Lai was replaced by an A/IRC-122 system and both tropo systems between Da Nang and Chu Lai were combined into one quad-diversity system.
- r. Listed below are the communications facilities as of 31 January 1968 which are located in the I Corps Tactical Zone and operated by the 37th Signal Battalion and by the 5th TCMS (USAF) over which the battalion has operational control.

Long Lines Communications

VHF Systems (12 chnl)	15
UHF Systems (12 chnl)	4
Tropo Systems (60 chnl)	5
Tropo Systems (24 chnl)	5
Tone Packs (16 chnl)	5
Tone Packs (8 chnl)	3
Tone Packs (4 chnl)	2
VF Circuits	368

SCCVNG-D:

10 February 1968

SUBJECT: Quarterly Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CSF R-65) (DYFO)

T.1 typ. Circuits (DC)	116
E.C Circuits	6
<u>Communications Centers</u>	
Minor Relays	2
Tributary Stations	
<u>Telephone Switchboards</u>	
1000 - Line Dial Telephone Exchanges	1
600 - Line Manual Switchboards	2
200 - Line Manual Switchboards	4
120 - Line Manual Switchboards	0
60 - Line Manual Switchboards	3
12 - Line Manual Switchboards	2
Total Subscriber Phones	983

Radio Operations

HF Radio Stations 8

SSF Radio Stations 3

8. Logistics:

a. An increase in enemy activity in the I Corps Tactical Zone has limited cargo shipments of ammunition and combat equipment as priority items to areas north of Da Nang. Shipments going to Dong Ha, Quang Tri, Hue, and Phu Bai require three to five days waiting time by air and fourteen to twenty-one days by sea. Average waiting time to areas south of Da Nang such as Chu Lai require two to four days by air and seven to fourteen days by sea. Air support from the 41st Signal Battalion has dropped from an average of two to three times every seven days to two to three times every twelve days.

b. The total number of cargo handled during this period has decreased slightly from 265 tons to 238 tons. This decrease can be attributed to a decrease in class IV project material shipments to and from Da Nang during the past quarter.

SCCV'G-IV

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS) (AFR-65) (LCYTC)

c. The generator deadline rate continues to be a problem in this organization. The current percentage of deadlined generators rated between 5 kw and 10 kw is 17.5%, a slight decrease of 3.5% since the last reporting period. The percentage of deadlined generators rated 15 kw and over is 18.6%, an increase of 7.6% since the last reporting period. This increase is due primarily to problems encountered with the 30 kw generators belonging to the 337th Signal Company. Of a total of thirty-one (31) such generators on hand, eight (8) are deadlined. This represents a deadline rate of 27%. Of the deadlined 30 kw generators four (4) were deadlined for actuators FSN: 6115-066-0186. An Equipment Improvement Report (EIR) with suggested recommendations for design improvements will be submitted in the near future. Maintenance and supply support for power generators has improved slightly but not enough to support the battalion efficiently and effectively as yet.

d. This unit has 88% of the total number of vehicles authorized. Though a shortage of thirteen (13) each 2 1/2 ton cargo trucks exists the shortage has not hindered the battalion from accomplishing its mission. This organization has a requirement for five (5) 3/4 ton telephone maintenance trucks to enable telephone repair teams to perform their mission in an efficient manner. At present the repair teams are using 3/4 ton cargo trucks to perform their duties. This is a satisfactory temporary solution but does not preclude the need for telephone maintenance trucks which were designed for this particular type of job.

e. Since 1 November this unit has submitted 1,001 requisitions for repair parts and had 305 filled. This is a fill percentage of 30.5%. This organization has 3,228 authorized PLL items. Of this number 1,157 or 34.5% are at zero balance. The total number of Red Ball requisitions submitted during the past quarter was 244. Of this number 155 or 63.6% were filled. The percentage of Red Ball requisitions fills for electronic repair parts was 65.1% as compared to 56% for ordnance maintenance fills. Of Red Ball requisitions filled 40.6% were completed in 10 days, 29.9% within 20 days, and 13.5% within 30 days.

f. The cantonment area at Phu Bai is approximately 75% complete. The cantonment area for Da Nang is 10% complete. A dayroom for the troops in Da Nang was completed and is expected to be occupied on 20 Feb 68.

g. Continued efforts are being made by this unit, the 21st Signal Group, 1st Signal Brigade, and the 1st Logistical Command to solve the logistical problems being encountered. Logistics coordination between this organization and Da Nang Sub Area Command has been constantly improving, with frequent liaison trips being made to Qui Nhon Depot for assistance.

SCCVNG-DH

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Sot) (RCS CCFCR-85) (DCYTC)

9. Aviation:

The battalion has not yet received the personnel or equipment authorized for the aviation section. Air support from the 41st Signal Battalion Aviation Section in Qui Nhon has decreased from an average of two to three times every seven days to two to three times every twelve days.

10. Organizational Structure:

a. MTOE 11-500 D is the basic authorization document under which the battalion is organized. A revised MTOE has been submitted.

b. As of 31 January 1968, the 37th Signal Battalion consisted of Headquarters and Headquarters Detachment, Company A, Company B, Company C, and the 337th Signal Company.

c. Three detachments of the 5th TC'S (USAF) are under the operational control of the 37th Signal Battalion.

SECTION 2

COMMAUNDER'S OBSERVATIONS AND RECOMMENDATIONS

PART I: Observations (Lessons Learned)

- a. Personnel: None
- b. Operations:

Redeployment of Equipment

Item: Sufficient Time for Movement of Equipment

DISCUSSION: It has been found that time frames established for movement of equipment from one company to another have not allotted time for technical inspection of equipment by Electronic Maintenance Shop before being sent to new location. Much time is wasted by untrained personnel on site trying to repair equipment faults that a proper technical inspection would have revealed.

OBSERVATION: Time must be allotted to provide for technical inspection of equipment when moving equipment from one company to another.

SOCCV 'G-D'

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January  
1968 from Headquarters, 37th Signal Battalion (Spt) (ACS  
C.F.R-65) (C.M.T.O)

#### Splice Protection

ITEM: Field expedient protection for multipair cable splices

DISCUSSION: This unit recently encountered the problem of devising a field expedient method of protecting multipair cable splices against moisture penetration. After considerable brainstorming and careful analysis of ideas presented, the following method was devised: An empty 105mm shell casing with a small hole drilled into the center of the long axis was used as a sleeve to cover the splice. Two pieces of wood were cut to slip over the cable and into the open ends of the sleeve. This device was then put on the unspliced cable ends. Upon completion of the cable splice, the sleeve was centered over the splice. The two end pieces were forced into the ends of the sleeve and boiling tar was poured into the sleeve, thus forming an effective and watertight protective covering.

OBSERVATION: In remote areas or during periods when DA procured protective materials are unavailable, a device of the type discussed above can be used as an effective deterrent to moisture damage to multipair cable splices made in the field.

c. Inquiries and Organization: None

d. Intelligence:

#### Security Clearances

ITEM: Validation procedure for Top Secret security clearance

#### DISCUSSION:

1. Officers and enlisted personnel reporting into this command are unnecessarily handicapped by a prolonged delay in validating TOP SECRET clearances. In most cases officers are required by orders to have a valid TOP SECRET clearance prior to being transferred to Vietnam. Once they report in, the gaining unit is required to submit USARV Form 235R, Request for Investigative Records Repository Check, to verify that in fact they do have a TOP SECRET clearance. In practically all cases the officer will have a current DA Form 873, Certificate of Clearance and/or Security Determination under DO 10450, in the individual's records and this delay runs from 1 to 5 months for the USARV Form 235R submitted, to be returned to the unit.

2. In one instance, the newly assigned personnel was a Warrant Officer, MOS 721A, Crypt. Cust. Dian, and because his losing command failed to initiate the paperwork, he reported to this headquarters for duty with a SECRET clearance. His DA orders required that he have a TOP SECRET clearance. During the period 27 November to 13 December 1967, he could not assume his responsibility until he was granted an Interim TOP SECRET clearance.

SCCVNG-DI

10 February 1968

SUBJECT: Quarterly Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Sot) (RCS CSF R-65) (CITG)

3. Enlisted personnel are having the same problem. Even if they have a current valid security clearance, DA Form 235R must be submitted to validate their TOP SECRET clearances. Again, this may take as long as 5 months before the validation is returned to his unit.

OBSERVATION:

1. TOP SECRET security clearance not granted should be recognized by all commands, especially in AF.

2. Gainin units should be required to report that the officer or enlisted personnel have joined their unit and if the ACSI, G2 has derogatory information he could initiate action either suspending or revoking the TOP SECRET clearance and for the purpose of updating the DA Form 873, issue a renewal statement need after each enlistment or a specified number of years.

3. Require all security clearances be published on the PCF orders and authorize issuing commands to recognize the security clearances without the clearances being validated, but be required to submit a change of address to the ACSI, G2, Department of the Army.

c. Logistics:

FGC-61 Filter

ITEM: One of the most frequent repair problems encountered with the FGC-61 is the opening of the coils in the distortion filter.

DISCUSSION: When a heavy load or short is placed across the transmit binding post on the signal entry panel of the AN/TRC-129A van, with the DC battery switch in the "on" position, most or all of the current is felt across the coil of the distortion filter. This causes the coil to be open.

OBSERVATION: Before connecting or disconnecting channel lines to or from the teletype binding posts, always make sure the DC voltage switch is in the "off" position. Also keep a constant check on the current output of each teletype channel to assure that current does not exceed 60 ma.

Switch Use

ITEM: Switches in termination units in the AN/TRC-129

DISCUSSION: Operators should be advised of the inferior quality of switches S3, S4, and S5 in the termination unit. They wear out with excessive use and cause failure of the unit.

OBSERVATION: To prevent these switches from wearing out, they should only be used when it is absolutely necessary. An EPR will be submitted recommending replacement of these switches.

13  
SCOVIG-DJ

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January  
1968 from Headquarters, 37th Signal Battalion (Spt) (RCS  
GSTOP-65) (ADJTC)

#### Switch Guard

ITEM: Safety guard on termination unit

DISCUSSION: The E&M AC ring switch on the termination unit in the AN/TRC-90 equipment does not have a safety guard. This particular switch is close to the bottom of the MK 106 rack and has in many cases been broken as a result of moving equipment or possibly by moving personnel. By fabricating a safety guard much like the one found on the AN/TRC-129 and AN/TRC-129A it is anticipated that this type of deficiency will decrease.

OBSERVATION: All units using the AN/TRC-90 should be informed to make this improvement as it will reduce this type of problem and allow maintenance personnel to devote their time to other areas. An EIR will be submitted suggesting method of fabrication of safety guard.

#### Condensation Prevention

ITEM: Continuous filament voltage in back-up equipment.

DISCUSSION: Moisture offers a continuous threat to communications equipment. High humidity is an inherent feature in the climate of South Vietnam, particularly during the monsoon season. Moisture will collect around vital areas of communications equipment unless proper dehumidification is employed. Air conditioning is one answer to the problem, however, there is another more immediate and responsive answer. Leave the filaments in back-up equipment turned on twenty four hours a day. The heat created by the tube filaments will dry the air in the immediate area and stop moisture from building up.

OBSERVATION: Greater reliability of communications equipment will be experienced when moisture and dampness is not allowed to collect.

#### Foreign Matter in Teletype

ITEM: Dirt, dust and sand accumulation within teletype transmitter equipment.

DISCUSSION: Throughout Vietnam dust, dirt, and sand entering teletype equipment and rendering them inoperable is a widespread problem. This problem has been greatly reduced on teletype transmitting devices within the Chu Lai Area Comcenter by placing the teletype paper tape into clean boxes during transmission. This practice keeps the tape off the floor at all times and eliminates any foreign particles being picked up from the floor area. This keeps the transmitting devices clean for a much longer period and frees maintenance personnel to perform other maintenance tasks within the Comcenter. It has been found that the boxes the teletype reperferator tape is shipped in is a good size. Metal bins can also be fabricated and attached to the table frame to obtain a more permanent arrangement.

SCOPING-DN

10 February 1968

SUBJECT: Operational Report for the Quarter, Period Ending 31 January 1968 from Report no, 37th Signal Battalion (Sot) (CIS (FOR-65) (10)

OBSERVATION: Greater reliability of Comm Equipment can be obtained if the source of dust, dirt, and sand can be eliminated within Commcenters.

#### Switchboard Headset

ITEM: Overheating of microphone element

DISCUSSION: When headset-microphone H-210/G is used in conjunction with central office, Telephone Manual AN/MTC-1, the microphone element overheats to such an extent that it burns the operator's lips and causes thermal noises.

OBSERVATION: Headset-Microphone H-91/U should be used instead of H-210/G with the AN/MTC-1.

#### HF Antennas

ITEM: Reducing VSWR along HF Coaxial Transmission Lines

DISCUSSION: After several weeks exposure to rain or high humidity, particularly in coastal areas, the terminals within the center insulators (Cobra Heads) of dipole type antennas tend to corrode as the air space in the insulator becomes permeated with moisture. The combination of corrosion and moisture reduces the efficiency of the insulator thereby changing the surge impedance of the line at the feed point to the load. This results in increased VSWR along the line, particularly annoying in AN/GRC-26D and AN/GRC-46 installations.

OBSERVATION: To prevent moisture and corrosion from influencing antenna efficiency, center insulators should, as a part of scheduled monthly PM, be disassembled, thoroughly cleaned and wiped dry. A very thin layer of petroleum jelly may be applied to the machined faces of the insulator halves prior to reassembly to form a better seal.

#### Loose Mountings

ITEM: Relays in the termination units in the AN/TRC-129A (Tropo)

DISCUSSION: Operators should be advised that the mounting screws for Relays K1 and K2 in the Termination Units 19D1-M1 have a tendency to loosen with use. This loosening allows the relays to vibrate during their operation, eventually breaking the wires which connect the relay coils to the printed circuit board. A periodic tightening of these screws would result in fewer circuit ringing problems by eliminating one of the causes of termination unit failures.

15-  
SCOVIG-DI

10 February 1968

SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (TCS C-20R-35) (KALITO)

OBSERVATIONS: All Termination Units should have the mounting screws for Relays K1 and K2 tightened. All units using the AN/TRC-129A van should be informed of this improvement.

ITEM: Rheostats on control unit for HOLD-QAR 30KW generators.

DISCUSSION: It has been found that many of the rheostats on these control units have loose lock nuts, thus vibration of the generator causes the adjustments to drift.

OBSERVATION: All of these generators should have their control units adjusted with the aid of a TS-352/U, using the procedure outlined in Change 1 of TM 5-6115-321-12. After the proper adjustments are obtained, the locking nuts should be tightened securely. Caution: After making adjustments on the control unit, ensure that the frequency drop is readjusted properly.

f. Other: None

PART II: Recommendations (Lessons Learned)

a. Personnel: None

b. Operations:

That where possible, sufficient time should be allowed for equipment check out by ELM facilities before it is redeployed.

c. Training and Organization: None

d. Intelligence:

That Top Secret clearances, once granted to an individual, be transferable between all major commands.

e. Logistics: None

f. Other: None

*Jerry Davis Jr.*  
JERRY DAVIS JR.  
LTC, SigC  
Commanding

SCOVNG-OPT (10 Feb. 68) 1st Ind  
SUBJECT: Operational Report for Quarterly Period Ending 31 January 1968,  
from Headquarters, 37th Signal Battalion (Spt), (RCS CSFOR-65)  
UIC: WDQUAA

DA, HEADQUARTERS, 21ST SIGNAL GROUP, APO 96240 27 February 1968

THRU: Commanding General, 1st Signal Brigade (USASTRATCOM) ATTN: SCOVOP  
APO 96384

Commanding General, USARV, ATTN: AMHCC-70, APO 96375  
Commander in Chief, USARPAC, ATTN: G-OP-CT, APO 96553

TO: Assistant Chief of Staff for Force Development, Department of the  
Army (ACFOR-DA), Washington, D.C. 20310

1. Transmitted herewith is one copy of , Headquarters, 37th Signal  
Battalion Report, Subject same as above.

2. Concur in the commanders observations and recommendations with the  
following comments and/or exceptions:

a. Reference SECTION I, para 7c: While setting up the Group RATT  
net, it was discovered that many HF radio sets were deadlined and radio  
operators were not highly proficient. In the future units should place  
command emphasis on operator training and maintenance of HF equipment in a  
deployable state.

b. Reference SECTION I, para 8c: Generators deadlined during this  
period were attributed to two factors:

(1) Required repair parts not on hand.

(2) The lack of first echelon maintenance by operators.

Continued command emphasis will be executed in this area by all supervisory  
personnel. This procedure should insure that required maintenance is  
performed.

c. Reference SECTION I, para 8d: Valid requisitions have been  
submitted to direct support units for 3/4 ton maintenance trucks. 1st  
Signal Brigade and 1st Logistics command are aware of the requirements and  
will fill requisitions as maintenance trucks become available in country.

d. Reference SECTION I, para 8g: Request for assistance as  
prescribed by 21st Signal Group Regulation 700-4 has been utilized by the  
37th Signal Battalion. This headquarters and 1st Signal Brigade have been  
able to render assistance.

300VAG-CFT (10 Feb 68)

1st Ind

21 February 1968

SUBJECT: Operational Report for Quarterly Period Ending 31 January 1967,  
from Headquarters, 37th Signal Battalion (Spt), (RCS CSFOR-65)  
UIC: WDGUAA

c. Reference SECTION 2

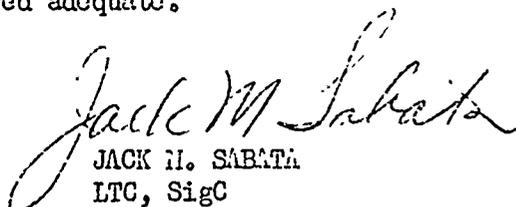
(1) Item: Splice Protection. The basic idea is excellent, however, before worldwide dissemination, the following precautions should be noted.

(a) Sufficient slack should be allowed in the cable, so that a regulation splice can be made when proper materials are available.

(b) Expedient splices should be meticulously marked and recorded so that they can be readily located.

(2) Item: Overheating of Microphone Element. Headset-Microphone H91/U is an item of issue and should be used in conjunction with the Manual Telephone Central Office AN/MTC-1. However, if headset-microphone H210/G is used, operators should be made aware of the overheating and the noise problems.

3. This report is considered adequate.

  
JACK M. SABATA  
LTC, SigC  
Commanding

19  
SCCVOP (10 Feb 68)

2d Ind

SUBJECT: Operational Report for quarterly Period Ending 31 January 1968,  
from Headquarters, 37th Signal Battalion (Spt) (RCS CSFOK-65)  
(WDQYTO)

DA, HQ, 1st Sig Bde (USASTRATCOM), APO SF 96384 10 MAR 1968

TO: ✓ Commanding General, United States Army Vietnam, ATTN: AVHCG-DF, APO  
96375

Commanding General, United States Army Strategic Communications  
Command, ATTN: SCCOP, Fort Huachuca, Arizona 85613

1. Subject report is forwarded for your information.
2. Concur in the Commander's observations. The following additional comments are provided with respect to Section 2, Part I (Observations).
  - a. Item: Sufficient Time for Movement of Equipment, page 8.  
This is a valid observation except in cases where operational requirements preclude sufficient time for technical inspections.
  - b. Item: Field Expedient Protection for Multipair Cable Splices, page 9. Ingenuity is important in such cases; however, commanders must emphasize that normal splices must be accomplished at the earliest opportunity.
  - c. Item: Validation Procedures for Top Secret Security Clearance, page 9.
    - (1) Change 1, USARV Reg 604-5, dated 25 January 1968, authorized this headquarters to delegate to group and battalion commanders authority to:
      - (a) Grant CONFIDENTIAL, interim and final SECRET, and interim TOP SECRET clearances.
      - (b) Validate SECRET and TOP SECRET clearance IAW paragraph 8 and 18, USARV Regulation 604-5. This authority was sent to all Signal groups on 10 February.
    - (2) Validations or revalidations are not required for:
      - (a) DA Forms 873 issued subsequent to 1 January 1952 by USARPAC, USARV Eighth Army, USARYIS (Okinawa), USARSUPHAI (Thailand), USARJ (Japan), USARFT (Taiwan), USARHAW (Hawaii) or any element thereof.
      - (b) DA Forms 873 issued by a non-USARPAC command but validated by any USARPAC command or element with one of the following notations:

SCCVOP (10 Feb 68)

2d Ind

10 MAR 1968

SUBJECT: Operational Report for Quarterly Period Ending 31 January 1968,  
from Headquarters, 37th Signal Battalion (Spt) (RCS CSFOR-65)  
(WDQYTO)

1 Validated in accordance with paragraph 22b, AR 604-5, by (validating headquarters), on (date of validation) by (signature, typed or stamped name, rank, title of validating authority).

2 Clearance validated in accordance with paragraph 22, AR 604-5, USAIRR verification check was made by (validating headquarters) on (date of validation) by (signature, typed name, grade, title of validating authority).

(c) DA Forms 873 bearing the validation statement in paragraph 18c (2) (b), change 1, USARV Regulation 604-5, dated 25 January 1968, executed by any Army command or activity.

(3) Requests for USAIRR checks will be submitted on USARV Form 235-R when:

(a) Valid reasons exist to question the adequacy of recorded investigations.

(b) A TOP SECRET DA Form 873, issued by a non-USARV command or agency has not been validated IAW paragraph 18c (2) or (3), change 1, USARV Regulation 604-5, dated 25 January 1968.

(c) A person requiring SECRET clearance is believed to have been the subject of a National Agency Check or Entrance National Agency Check, but documentary evidence is absent from his 201 file. A current or obsolete DA Form 873, DD Form 1584, DA Form 3027 or DA Form 1049 showing favorable completion of a National Agency Check or Entrance National Agency Check, the date investigation was completed, and the command or agency which conducted the investigation does not require USAIRR verification.

d. Item: Relays in the Termination Units in the AN/TRC-129A (Tropo), page 12. The 21st Signal Group has been instructed to submit an equipment improvement report (EIR).

e. Item: Rheostats on Control Unit for HOLD-GAR 30KW Generators, page 13. The 21st Signal Group has been instructed to submit an equipment improvement report (EIR).

1  
DOWOP (10 Feb 66)

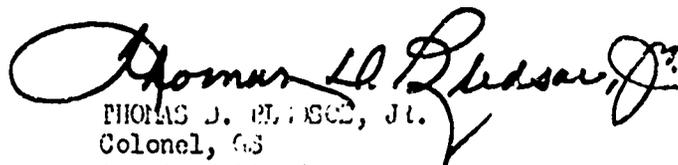
2nd Ind

10 MAR 1968

SUBJECT: Operational report for Quarterly Period Ending 31 January 1966,  
from Headquarters, 37th Signal Battalion (Spt) (ASS OSMOP-65)  
(DQ/TC)

3. Concur in Commander's recommendations with qualifications as  
set forth in para 2c, supra.

FOR THE COMMANDER:

  
THOMAS J. ELVACE, JR.  
Colonel, GS  
Chief of Staff

22

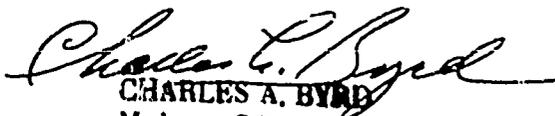
AVHGC-DST (10 Feb 68) 3d Ind  
SUBJECT: Operational Report for the Quarterly Period Ending 31 January  
1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CSFOR-65)  
(WDQYTO)

HEADQUARTERS, UNITED STATES ARMY VIETNAM, APO San Francisco 96375 13 MAR 1968

TO: Commander in Chief, United States Army, Pacific, ATTN: GPCP-DT,  
APO 96558

1. This headquarters has reviewed the Operational Report-Lessons Learned for the quarterly period ending 31 January 1968 from Headquarters, 37th Signal Battalion (Support) (WDQYAA) as indorsed.
2. Concur with report as indorsed. Report is considered adequate.
3. A copy of this indorsement will be furnished to the reporting unit through channels.

FOR THE COMMANDER:

  
 CHARLES A. BYRD  
 Major, AGC  
 Assistant Adjutant General

Copy furnished:  
 HQ, 1st Sig Bde (USASTRATCOM)  
 HQ, 37th Sig Bn (Spt)

13  
GPOP-DT (10 Feb 68) 4th Ind  
SUBJECT: Operational Report for the Quarterly Period Ending 31 January  
1968 from HQ, 37th Sig Bn (Spt) (UIC: WDQYAA) (RCS CSFOR-65)

HQ, US Army, Pacific, APO San Francisco 96558 26 MAR 1968

TO: Assistant Chief of Staff for Force Development, Department of the  
Army, Washington, D. C. 20310

This headquarters has evaluated subject report and forwarding indorse-  
ments and concurs in the report as indorsed.

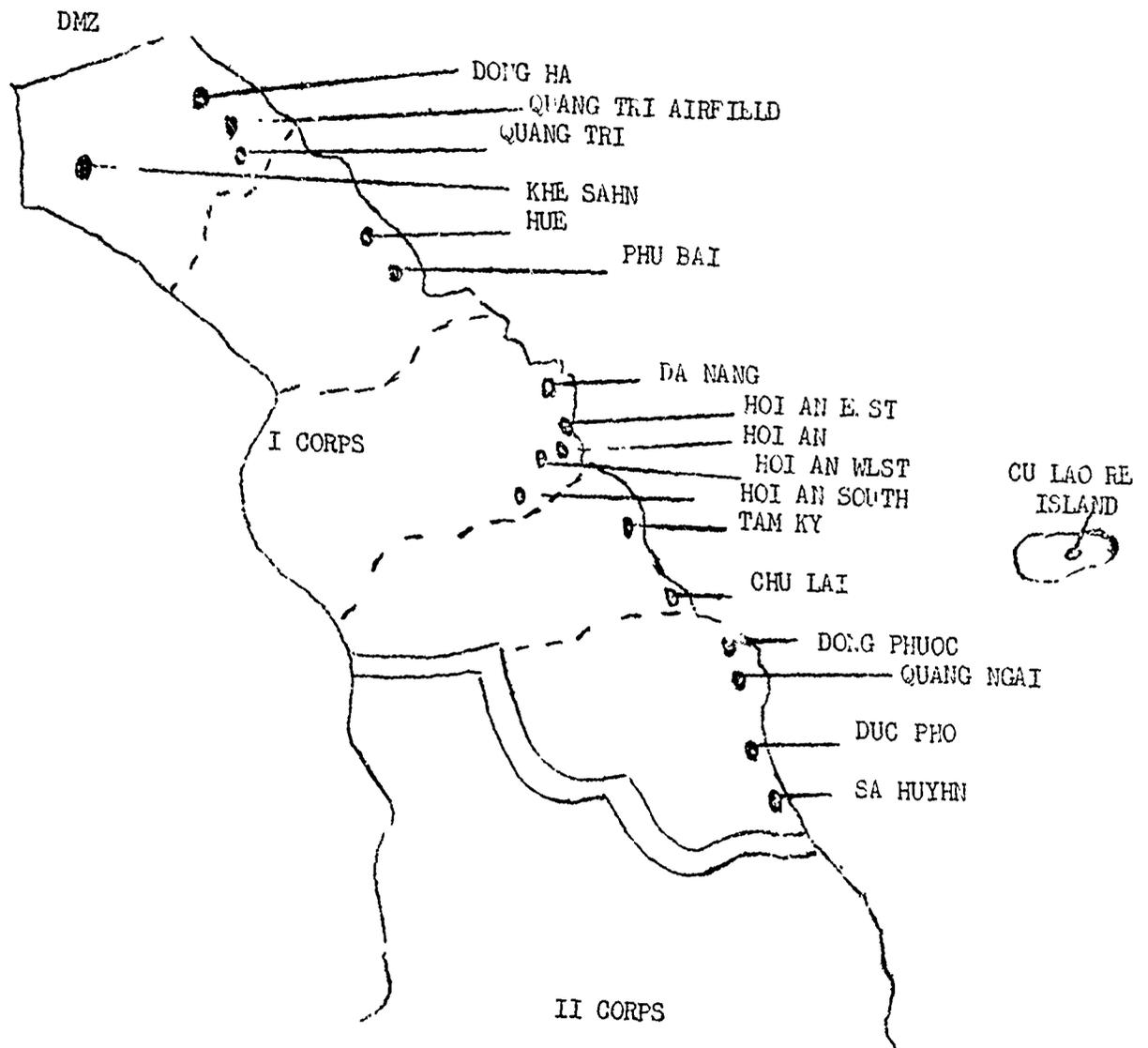
FOR THE COMMANDER IN CHIEF:



K. F. OSBOURN  
MAJ, AGC  
Asst AG

37th SIGNAL BATTALION SIGNAL SITES

I CORPS TACTICAL ZONE



Incl 1

UNCLASSIFIED

Security Classification

DOCUMENT CONTROL DATA - R & D

(Security classification of title, body of abstract and indexing annotation must be entered when the overall report is classified)

1 ORIGINATING ACTIVITY (Corporate author)		2a. REPORT SECURITY CLASSIFICATION	
OACSFOR, DA, Washington, D.C. 20310		Unclassified	
		2b. GROUP	
3 REPORT TITLE			
Operational Report - Lessons Learned, Headquarters, 37th Signal Battalion (Spt)			
4 DESCRIPTIVE NOTES (Type of report and Inclusive dates)			
Experiences of unit engaged in counterinsurgency operations, 1 Nov 67-31 Jan 1968			
5 AUTHOR(S) (First name, middle initial, last name)			
CO, 37th Signal Battalion (Spt)			
6 REPORT DATE		7a. TOTAL NO OF PAGES	7b. NO OF REFS
10 February 1968		22	
8a. CONTRACT OR GRANT NO.		9a. ORIGINATOR'S REPORT NUMBER(S)	
b. PROJECT NO.		681125	
c. N/A		9b. OTHER REPORT NO(S) (Any other numbers that may be assigned this report)	
d.			
10 DISTRIBUTION STATEMENT			
11 SUPPLEMENTARY NOTES		12. SPONSORING MILITARY ACTIVITY	
N/A		OACSFOR, DA, Washington, D.C. 20310	
13 ABSTRACT			