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AUTHORITY

OAG ltr 29 Apr 1980
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
Major General, USA
The Adjutant General

1 Incl

As

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

TO: Commanding General
United States Army Vietnam
ATTN: AVHOC-DII
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.
   

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 bcrb.

   b. The turnover in personnel was as follows:

<table>
<thead>
<tr>
<th>LOGGSES</th>
<th>GAINS</th>
</tr>
</thead>
<tbody>
<tr>
<td>OFF:</td>
<td>GAIN</td>
</tr>
<tr>
<td>2</td>
<td>1</td>
</tr>
<tr>
<td>Lt:</td>
<td>7</td>
</tr>
<tr>
<td>WO:</td>
<td>5</td>
</tr>
<tr>
<td>EM:</td>
<td>351</td>
</tr>
<tr>
<td></td>
<td>270</td>
</tr>
</tbody>
</table>
SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from Headquarters, 37th Signal Battalion (Spt) (RCS CP04-65) (NDM)

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

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

d. 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:

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

b. During the quarter, critical shortages in ICS 05G 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) 3IL-Field Radio Relay Equipment Repairman
(3) 3IL-General Crypto Repairman
(4) 3IL-Radio Relay Carrier Attendant
(5) 3IL-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 proper 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.
SUBJECT: Operational Report for the Quarterly Period Ending 31 January 1968 from hq, 37th Signal Battalion (Spt) (ACSA, 35th Engr.)

b. 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 now being satisfactorily 

on\nbased reports. On January 10, 799 reprimands were taken at the 3rd for defensive structures are under development.

b. During the quarter, a total of 22 secret clearances were valid.

b. During the quarter, a total of 22 secret clearances were valid. These were all secret access authorizations and 5 confidential clearances.

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 lowering the number of classified documents on hand to a minimum.

e. There were 26 new incident reports affecting 37th Signal Battalion sites during the reporting period. Casualties from these incidents were 6 KIA, 12 WIA. The KIA resulted from a mine explosion involving one of this battalion's vehicles. Damage to communications facility was minimal.

5. Safety:

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

(1) Vehicle Accidents: 7

(2) Personal Injuries: 1

b. Accident exposure for the quarter:

<table>
<thead>
<tr>
<th></th>
<th>Oct</th>
<th>Nov</th>
<th>Dec</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Hwy Days</td>
<td>27,742</td>
<td>22,088</td>
<td>21,239</td>
<td>73,069</td>
</tr>
<tr>
<td>Mileage</td>
<td>82,088</td>
<td>97,738</td>
<td>101,526</td>
<td>280,344</td>
</tr>
</tbody>
</table>

c. Command emphasis will continue to be placed on all aspects of safety and the reduction of accidents and injuries.
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 HOS 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 last quarter. However, it was operationally active 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. The UHF systems were activated between Da Nang and Hue in support of the 2nd ROK Marine Brigade. When the Brigade moved, the Hoi An "east" site was relocated to Hue and a site was established near Da Nang.

c. A secure RTI net was established for traffic between 37th Signal Battalion Headquarters, Da Nang and 21st Signal Group Headquarters, Nha Trang.

d. A UHF system between Da Nang (Hill 214) and Chu Loi was deactivated and the Hill 214 site was deactivated.

e. DF stations were established at Da Nang, Chu Loi, and Chu Loi in the MCG Air-Ground Secure RTI Net.

f. The intercom system of the Thu Truc Central Office was accomplished.

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

h. The VHF system was activated between Phu Bai and Thu Loi North in support of the 1st Air Cavalry Division. When the unit moved, the Phu Bai North tower was relocated to Thu Loi North and a new site was established there.

i. A tropo system was activated and tested between Thu Loi and Khe Sanh. The system was deactivated and a new tropo system activated between Hue and Khe Sanh.
j. An SI-611 switching panel was installed at Dong Ha.

k. The WEP system from Dac Phu and Chu Lai to Cu Lao R. Island was deactivated and the Cu Lao R. Island site was activated.

l. A WEP system was installed between Dac Phu and St. HuyHN and a new site established at St. HuyHN in support of Task Force MacDowell.

m. A tropo system was tested and activated between Chu Lai and Vung Chau Mountain.

n. A tropo system between Cuang Nha and Duy Xom was deactivated.

o. A tropo system was activated between Chu Lai and Hoi An South and a new site established at Hoi An South.

p. Two tropo systems between Chu Lai and Dong Phuc were activated and the Dong Phuc site was deactivated.

q. The J/HRC-90 system between Duy Xom and Chu Lai was replaced by an J/HRC-12A system and both tropo systems between Duy Xom 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 supported by the 37th Signal Battalion and by the 5th TOS (UHF) over which the battalion has operational control.

Long Lines Communications

<table>
<thead>
<tr>
<th>System</th>
<th>Channels</th>
</tr>
</thead>
<tbody>
<tr>
<td>VHF Systems</td>
<td>12 (chn1)</td>
</tr>
<tr>
<td>VHF Systems</td>
<td>12 (chn1)</td>
</tr>
<tr>
<td>Tropo Systems</td>
<td>60 (chn1)</td>
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<td>Tropo Systems</td>
<td>24 (chn1)</td>
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<tr>
<td>Tone Packs</td>
<td>16 (chn1)</td>
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<td>8 (chn1)</td>
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<tr>
<td>Tone Packs</td>
<td>4 (chn1)</td>
</tr>
<tr>
<td>VF Circuits</td>
<td>363 (chn1)</td>
</tr>
</tbody>
</table>

-5-
SUBJECT:  Quarterly Report for the Quarterly Period Ending 31 January
1968 For:  Headquarters, 37th Signal Battalion (Spt) (RCS
G-36S) (YTT)

T.1 typ. Circuits (DC) 116
S.C Circuits 6
Communications Centers
Minor Relays 2
Trinity Stations

T.1 phone Switchboards
1000 - Lin. Dial T.1 Phone Exchanges 1
600 - Lin. Manual Switchboards 2
200 - Lin. Manual Switchboards 4
120 - Lin. Manual Switchboards 0
60 - Lin. Manual Switchboards 3
12 - Lin. Manual Switchboards 2
Total Subscriber Phones 983

Radio Operations

HF Radio Stations 8
SSE 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 37th 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 285 tons to 238 tons. This decrease can be at-
tributed to a decrease in class IV project material shipments to and from
Da Nang during the past quarter.
b. The supply and demand rate continues to be a problem in this organization. The current percentage of supplied generators to demand is 55.7% and 10.5% is 17.5%, a slight decrease of 3.8% since the last reporting period. The percentage of demanded generators to the 10.5% over is 10.6%, an increase of 7.6% since the last reporting period. This increase is due primarily to problems encountered with the 30 kw generators balancing to the 337th Signal Company. Of a total of thirty-five (33) such generators on hand, nineteen (19) are deadlines. This represents a deadline of 27.9% of the deadline. 30 kw generators four (4) were declared for return at 6115-056-0006. Equipment Improvement Report (EIR) with some standardized recommendations for design improvements will be submitted in the near future. Maintenance and supply support for these generators has been very slight 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 in excess of thirteen (13) and 24 ½ 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 mobil 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 provide the need for telephone maintenance trucks which were designed for this particular type of job.

e. Since December this unit has submitted 1,001 requisitions for repair parts and had 965 filled. This is a fill percentage of 96.5%. This organization has 3,228 authorized PIB items. Of the number 1,157 or 35.8% were not authorized. The total number of Red Ball requisitions submitted during the last quarter was 241. Of this number 154 or 64.2% were filled. The percentage of Red Ball requisitions filled for electronic repair parts was 63.2% as compared to 56% for telephone maintenance parts. Of Red Ball requisitions filled 90.6% were completed in 10 days, 20.1% within 20 days, and 13.5% within 30 days.

f. The equipment on Mt. Fuji is approximately 75% complete. The component set for the Fong is 100% complete. A decision for the troops in this area was completed and is expected to be received on 20 Feb 68.

3. Continued efforts are being made by this unit, the 1st Signal Group, 1st Signal Brigade, and the 1st Logistic Command to solve the logistical problems encountered. Logistics coordination between this organization and the 1st Signal Group has been continuously improving, with frequent liaison trips being made to the 1st Signal Group for assistance.
SCVNO-84
10 February 1968

9. Aviation

The battalion has not yet received the personnel equipment authorized for the aviation section. Air support from the 56th 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. STOR 11-500 D is the basic authorization document under which the battalion is organized. A revised RC has been submitted.


c. Three detachments of the 5th TCG (USARV) are under the operational control of the 37th Signal Battalion.

SECTION 2
CASE HISTORY: OBSERVATIONS AND RECOMMENDATIONS

Part I: Observations (Lessons Learned)

a. Personnel: None:

b. Operations:

Redeployment of Equipment

Item: Sufficient Tim for Deploymen of Equipment

DISCUSSION: It has been found that timetables established for movement of equipment from one company to another have not allowed 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: Timetables to provide for technical inspection of equipment when moving equipment from one company to another.
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.

Security Clearances

ITEM: Val. to cur. security clearance

DISCUSSION:

1. Officer and enlisted duties and reporting into this command unnecessarily involved by personnel in validating TOP SECRET clearances. In several instances officers were required to have valid TOP SECRET clearances before being transferred to Vietnam. Once they report in, the receiving unit is required to submit USAR Form 235A, Request for Investigation, to his Repository Clerk, to verify that in fact they now have a TOP SECRET clearance. In practically all cases the officer will have a current D. T. Form 873, Certificate of Clearance with the Security Division under 70 10450, in the individual's case and this still runs from 1 to 5 units for the USAR Form 235A submitted, the return to the unit.

2. In the instance, the newly assigned personnel was a current Captain, C. S. 721A, Crypt. Cost Class, and because his line was wound field data, he reported he had bypassed this requirement of his duty with a CLEARANCE. His actions required that he have a TOP SECRET clearance. During the period 27 November to 13 December 1967, he was responsible until he was granted an Interim TOP SECRET clearance.
3. Enlisted men have the same problem. Even if they have a current valid security clearance, U. T. Form 2353 must be submitted to validate their T.P.CRT clearance. Again, this copy takes about 5 months before the validation is returned to this unit.

**Observation:**

1. NO SECRET security clearance not granted should be recognized by all personnel, especially in AC.

2. OrIGIN units should be required to report that the officer or enlisted men have joined their unit and if the AC-55, 02 has directory information a. code initiation action either according or reversing the T.P. SECRET clearance rating the person upon filling out the T.P. Form 873, then a renewal statement may be enlisted on a specific number of persons.

3. Review all security clearances be published in teh "OFF" view and authorize coding elements to recognize the security clearance without the clearance being validated, but be required to submit a change of address to the N.C.R, 02, 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 point 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 T/T: 129

**DISCUSSION:** Operators should be advised of the inferior quality of switches, 83, 84, and 85 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 RFA will be submitted recommending replacement of these switches.
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 Commcenter 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 much longer period and frees maintenance personnel to perform other maintenance tasks within the Commcenter. It has been found that the boxes the teletype reperforator 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.
Subject: Operational Report for the Quarter, Feb 6th - 31 Jan 76

From: Rupert W., 37th Signal Battalion (Sot) (TS)

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/NTC-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/NTC-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/OCR-26D and AN/OCR-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 bolts 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 19D1-26 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.
SCOW-71

10 February 1968


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

ITEM: Rheostats on control unit for HOLD-OAR 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-352/0, 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 chart is re-adjusted properly.

2. Other: None

PART II: Reconciliations (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.
LTC, SigC
Commanding
SUBJECT: Operational report for Quarterly Period Ending 31 January 1966, from Headquarters, 37th Signal Battalion (Spt), (RCS CSFOR-65)

UUC: WDQUAA

DA, HEADQUARTERS, 21ST SIGNAL GROUP, APO 96210 27 February 1968

THRU: Commanding General, 1st Signal Brigade (US ARMY) 1ST: 876666
APO 96341
Commanding General, US ARMY JTR, 1ST: 876666, ARE 96375
Commander in Chief, USAR; JTR, 1ST: 876666, ARE 96555

TO: Assistant Chief of Staff for Force Development, Department of the Army (ACE-NR-9A), Washington, D.C. 20311

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.
UIC: "HDQMA"

o. 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 H210/G is an item of issue and should be used in conjunction with the Manual Telephone Control 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. SAKATA
LTC, SigC
Commanding
SUBJECT: Operational Report for quarter period ending 31 January 1968, from Headquarters, 37th Signal Battalion (Spt) (HQ 37th CSFOU-65) (WD-ATO)

TO: Commanding General, United States Army Vietnam, ATTN: AVPIT3-DI, HHC 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).

      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.


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

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, USAFR verification check was made by (validating headquarters) on (date of validation) by (signature, typed 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 USAFR checks will be submitted on USAFR 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-USAIR-C 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 SECRT 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 USAFR verification.

d. Item: Relays in the Termination Units in the AK/TMC-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-3AR 30KW Generators, page 13. The 21st Signal Group has been instructed to submit an equipment improvement report (EIR).
OPPOSITE (16 Feb 65) 2nd Ind 10 MAR 1968

TO: Operational Report for Quarterly Period Ending 31 January 1968, from Headquarters, 37th Signal Battalion (Spt) (N.C. 1A/65) (WQ/10)

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

[Signature]

THOMAS J. K. GLENN, Jr.
Colonel, G3
Chief of Staff
TO: Commander in Chief, United States Army, Pacific, ATTN: GPOP-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:

[Signature]

CHARLES A. BYRD
Major, AGC
Assistant Adjutant General

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

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

This headquarters has evaluated subject report and forwarding indorsements and concurs in the report as indorsed.  

FOR THE COMMANDER IN CHIEF:  

K. F. OSBOURN  
Asst AG  

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37th SIGNAL BATTALION SIGNAL SITES

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II CORPS

Cu Lao Ke Island
Operational Report - Lessons Learned, Headquarters, 37th Signal Battalion (Spt)

Experiences of unit engaged in counterinsurgency operations, 1 Nov 67-31 Jan 1968

CO, 37th Signal Battalion (Spt)

10 February 1968

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OACSFOR, DA, Washington, D.C. 20310