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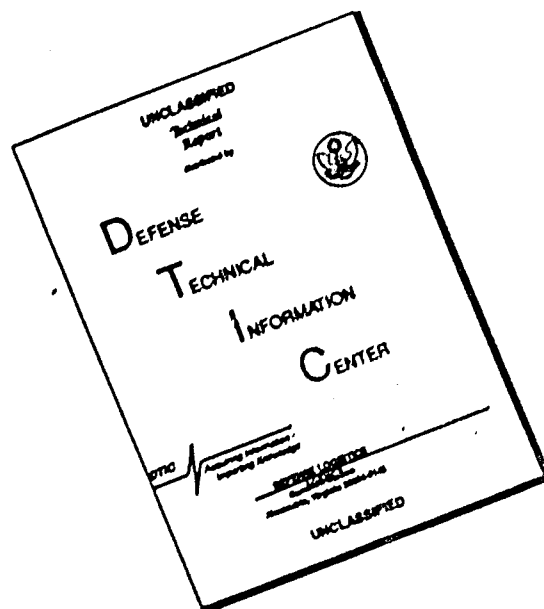
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**DEPARTMENT OF THE ARMY  
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AGDA (M) (15 Sep 70)

FOR OT UT 702285

23 September 1970

SUBJECT: ~~\_\_\_\_\_~~ Lessons Learned, Headquarters, 54th Signal Battalion (Corps) ~~\_\_\_\_\_~~

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⑨ Operational rept. for quarterly period ending 30 Apr 70. 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.

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*Donald L. Geer*

DONALD L. GEER  
Colonel, AGC  
Acting The Adjutant General

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DEPARTMENT OF THE ARMY  
Headquarters, 54th Signal Battalion (Corps)  
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AVFA-SB-CO

1 May 1970

SUBJECT: Operational Report - Lessons Learned, 54th Signal Battalion (Corps),  
Period Ending 30 April 1970, RCS-CSFOR-65 (R2)

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## 1. (C) Section 1. Significant Organization Activities

### a. General:

During the reporting period the 54th Signal Battalion (Corps) and its attached units continued to support combat operations within the II Corps Tactical Zone by providing command control communications between Headquarters, I Field Force Vietnam and units under its operational control. These communications included communications center services, high frequency radio teletype, single sideband voice radio, very high frequency multichannel radio, tropospheric scatter multichannel radio, FM radio wire integration, photographic services, air and ground messenger service, a Military Affiliate Radio Station (MARS), and an AM/FM broadcast station.

### b. Intelligence: None.

### c. Operations and Training Activities:

#### (1) Plans:

(a) There is a proposed close out of the Engineer Hill site at Pleiku scheduled for June 1970. When this is implemented, the Battalion's 167th Signal Company (RR) will relocate its two multichannel communication systems from Engineer Hill to Artillery Hill west of Pleiku. These systems support the Deputy Senior Advisor to the II Corps Tactical Zone, the 52nd Artillery Group and provides HQs, IPFV with access to the Tan Canh/Kontum area. This move will necessitate the increase in manpower at that location to a total complement of eight (8) men from the 4th platoon, 167th Signal Co (RR). The remainder of the platoon will then cease operations at Engineer Hill and move its equipment and personnel to the company headquarters at An Khe.

(b) With the close out of the T-42 and T-43 tropospheric scatter systems which was accomplished during the quarter, plans have been made to utilize this equipment to install a tropospheric scatter system between Nha Trang and Headquarters, Task Force South, Phan Thiet.

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(2) Operations: Communications Detachments are shown in Inclosure #1.

(a) Communications in the Nha Trang Area:

1 The 54th Signal Battalion (Corps) with its base of operations in Nha Trang provides the varied communications support listed below to the following major units:

- a Headquarters, First Field Force Vietnam
- b First Field Force Artillery
- c 17th Aviation Group
- d Civilian Organization for Rural Development (CORDS)
- e Khanh Hoa Province Senior Advisor
- f Units under the operational control and supporting First Field Force Vietnam

2 High frequency radio teletype and single sideband voice communications terminate in the Battalion's High Frequency Park located across from the Grand Hotel. This communications facility is the hub of the three high frequency radio nets that link Nha Trang to eight (8) different locations; Phan Thiet, Di Linh (closed 20 April) Ninh Hoa, Qui Nhon, LZ English, Pleiku, Tan Canh, and Kontum.

3 Very High Frequency multichannel communications terminate at the Hotel site located on the Grand Hotel compound. One system is relayed from Hon Tre Island in the bay of Nha Trang, 85 miles to Ben Me Thuot. Two systems interface with an AN/TRC-97B tropospheric scatter system providing access to the northern portion of the II Corps Tactical Zone thru Yung Chu Mountain.

4 These systems carry the command and control circuits which terminate in the typhoon common user switchboard and TOC switchboard located in the Grand Hotel compound.

5 The Military Affiliate Radio Station (MARS) supports military personnel in the Nha Trang Area. It is located next to the Camp John F. McDermott Post Exchange. In this station is also located the Net Control Station for HQs I FFORCEV and the Battalion's Radio Wire Integration Net.

6 The AM/FM broadcast station serves the Nha Trang area and is located in the King Day Tan Hotel. It broadcasts taped music and gives the correct time daily from 0500-2400 hours.

7 The First Field Force Vietnam Communications Center facilities are operated

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and maintained by the Battalion's command operations company. This communications center handles an average of over 600 messages per day, more than half of which are of immediate or flash precedence.

8 The Tactical Operations Center Communications Center, located on the third floor of the Grand Hotel, maintains five (5) dedicated secure teletype circuits for the exclusive use of the I FFORCEV G-3 Tactical Operations Center.

9 The I FFORCEV Courier Section is operated by the 54th Signal Battalion (Corps). It provides ground and air message service in support of Headquarters, First Field Force Vietnam.

10 The Quick Comm Communications System, by which the U.S. Advisors at 12 provinces and 54 districts making up the II Corps Tactical Zone can pass immediate traffic reports to Headquarters, I FFORCEV Tactical Operations Center (TOC) via telephone circuits and radio wire integration facilities, is maintained by the Battalion with three technical assistance teams which provide scheduled and demand maintenance. Each team is composed of a highly skilled radio operator, a radio repairman and a wireman.

11 The Battalion Pictorial Section, augmented by the 209th Signal Detachment (Photographic), is located in the Grand Hotel Complex. During the quarter this unit turned in to the Southeast Asia Pictorial Center for forwarding to the Department of the Army almost twice as much record photographic material as any other unit located in the Republic of Vietnam.

(b) Communications Support at Phan Thiet: The Battalion supports Task Force South whose headquarters is in Phan Thiet. Included in this support are high frequency secure radio teletype, non-secure single sideband voice radio, common user secure teletype and dedicated secure teletype between Headquarters, First Field Force Vietnam, its Tactical Operations Center and Task Force South at Phan Thiet. Radio teletype (AN/VSC-2) communications link Headquarters, Task Force South and MACV Advisory Team #33 to the 53rd Regiment of the 23rd Division of the Army of the Republic of Vietnam at Di Linh (this station was closed as of 20 April). The Battalion's field operations company (Company R) maintains three very high frequency multichannel radio systems which link Phan Thiet, Thien Giac, and Song Mao with Task Force South Headquarters, its operationally controlled units and the other units as listed below. In addition to the above listed communications, the Battalion's command operations company (Company A) provides communications center service at Phan Thiet. The systems are as depicted in Inclosure #2. The supported units are:

1 Headquarters, Task Force South (Phan Thiet)

2 Binh Thuan Province Advisor (MACV Advisory Team #37 at Phan Thiet)

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(c) Communications Support at Song Mao: The Battalion supports units in Song Mao that are under the operational control of Task Force South with very high frequency multichannel communications between Song Mao, Thien Giau and Phan Thiet. Additionally, a communications center in Song Mao is operated by the Battalion. The units supported are:

- 1 Song Mao District Senior Advisor (MACV Advisory Team #37)
- 2 MACV Advisory Team #33 to the 44th Regiment, 23rd Division, Army of the Republic of Vietnam
- 3 2nd Squadron of the 1st Armored Cavalry (US)
- 4 5th Battalion of the 27th Artillery (US)

(d) Communications Support at Thien Giau: The Battalion provides 1st Battalion, 50th Infantry (Mech) (US) located at Thien Giau with very high frequency multichannel communications to HQs, Task Force South at Phan Thiet and with Song Mao.

(e) Communications Support at Camp Swampy: The Battalion supports the 264th Engineers at Camp Swampy with multichannel communications relayed through Suon Xa Yong to Ban Me Thuot. This provides Task Force 21 (comprised of 6 units of the 254th Engineer Battalion) with telephone communications to the Ban Me Thuot and Tuyen (The Trang) switchboards and direct voice communications with Headquarters, 264th Engineer Battalion at The Trang.

(f) Communications Support at Ban Me Thuot: The Battalion supports Detachment B-50, 5th Special Forces Group (Command Control South) at Ban Me Thuot East. The V-13 multichannel system provides a secure common user teletype circuit to the First Field Force Vietnam communications center.

(g) Communications Support at Pleiku: The Battalion provides multichannel communications support to the Deputy Senior Advisor to the II Corps Tactical Zone, the 5th Artillery Group and the 20th Engineer Group located in Pleiku. USA II Corps receives secure high frequency radio teletype, non-secure single sideband voice radio, and a dedicated secure teletype circuit to the First Field Force Tactical Operations Center (TOC). Multichannel communications systems are terminated at Pleiku North (Engineer Hill) from Tan Canh, Artillery Hill and Hon Cong Mountain.

(h) Communications Support at Tan Canh: The 167th Signal Company (Radio Relay) provides very high frequency multichannel communications in support of the 1st Battalion, 92nd Artillery at Tan Canh. Additionally, they terminated the Forward Mobile Staff requirements listed in paragraph (a) below.

(i) Communications Support at An Khe: The 167th Signal Company (Radio Relay), attached to the 54th Signal Battalion (Corps), supports the 4th Infantry Division

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with multichannel radio communications between Pleiku (Engineer Hill) and An Khe (Hon Cong Mountain) and between these locations and Headquarters, First Field Force Vietnam at Nha Trang. Additional communications systems link An Khe with LZ English and Vung Chua Mountain.

(j) Communications Support at LZ English: The Battalion provides the 173rd Airborne Brigade at LZ English with communications center operations, secure high frequency radio teletype, single sideband voice and five very high frequency multichannel communications systems. These link Headquarters, 173rd Airborne Brigade with Headquarters, I FFORCEV and link the Brigade with its subordinate units located at LZ Uplift, LZ North English and Tam Quan.

(k) Communications Support at LZ North English: The Battalion operates very high frequency multichannel communications at North English in support of the 173rd Airborne Brigade. By using V-23 system, elements of this combat infantry unit can communicate with its headquarters in LZ English. The V-25 system links North English to Tam Quan.

(l) Communications Support at LZ Uplift: The V-24 very high frequency system, operated by the Battalion, links elements of the 173rd Airborne Brigade, based at LZ Uplift, with Brigade headquarters at LZ English.

(m) Communications Support at Tam Quan: The elements of the 173rd Airborne Brigade located in Tam Quan and the Province Senior Advisor utilize the Battalion's V-25 multichannel radio system to communicate with other elements of the Brigade located in LZ North English and for entry into the Corps area common user telephone system.

(n) Communications Support at Qui Nhon: The Battalion provides secure high frequency radio teletype and non-secure single sideband radio voice communications to the U.S. Liaison Officer to the Capitol Republic of Korea Division at Qui Nhon. Vung Chua Mountain located near Qui Nhon is a major communications nodal point for multichannel communications system from Hon Tre Island and Hon Cong Mountain.

(o) Communications Support at Ninh Hoa: The Battalion provides secure high frequency radio teletype and non-secure single sideband radio voice communications to the U.S. Liaison Officer to the Republic of Korea Division at Ninh Hoa.

(p) Communications Support at Dalat, Pao Loc, and Phan Rang: The Battalion provides and operates single sideband voice radio at Dalat, Pao Loc, and Phan Rang for Task Force South Security Net. Net control is operated by the Battalion at Phan Thiet.

(q) Communications Support at Kontum: The Battalion provided multichannel communications, high frequency secure radio teletype, secure FM radio, air courier, and switchboard operations support for the Forward Mobile Staff as listed in para (s).

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(r) Continuing Battalion Projects: The Battalion continues toward professional development through emphasis in the following areas:

- 1 Improvement of site facilities, listed by location in Inclosure #1.
- 2 Improvement of communications center operations to include reduction of message reject rate on the Mode I digital subscriber terminal equipment.
- 3 Enhancing the reliability of communications to units under the operational control of I Field Force Vietnam.
- 4 Quality control of multichannel communication systems.
- 5 Improvement of switchboard operation through cross-training of personnel.
- 6 Continued improvement of the "Quick Comm" system.

(s) New Projects and Significant Changes:

1 The 54th Signal Bn provided communications support for the I Field Force Vietnam Forward Mobile Staff at Kontum and Tan Canh. The Forward Mobile Staff is composed of representatives from designated sections of Hqs, I FFORCEV. Its purpose is to move the staff closer to the area of enemy activity and to gain rapid knowledge of the situation so that information can be expeditiously disseminated to the I Field Force Vietnam Commanding General. The Battalion deployed fifty (50) personnel and eight (8) vehicles of communications equipment via seven (7) C-130 sorties from Nha Trang to Kontum Province. Other personnel and four (4) communications vans were convoyed from the 167th Signal Co (RR) site at Pleiku. The following communications were provided for the Forward Mobile Staff:

a An AN/MTC-10 switchboard, designated "Typhoon Forward" was established at Kontum for intra-staff and Corps-wide common user telephone service.

b A secure high frequency radio teletype station operating in the Command Alpha net was established at Kontum and at Tan Canh.

c A multichannel communications system from Kontum to Tan Canh and a Multichannel communications system from the Forward Mobile Staff headquarters across Kontum to the 43rd Signal Bn.

d A secure ground mounted FM radio station was set up at Kontum and Tan Canh for secure communications between these sites and Pleiku.

e A secure teletype circuit was established with the 54th Signal Bn operating the Tan Canh end and the 43rd Signal Bn terminating it in their communications center at Kontum.

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1 Daily air courier service was provided between Pleiku, Kontum, and Tan Canh.

2 At Tan Canh the Battalion operated a secure high frequency radio teletype station in the II Corps Operations and Intelligence net.

3 The T-43 tropospheric scatter system from Hon Tre Island to Hon Cong Mtn, An Khe was shut down on 3 February. Also the T-42 tropospheric scatter multichannel system from Hon Tre Island to Dragon Mtn, Pleiku was shut down 24 March 1970 when the U.S. 4th Infantry Division moved from Pleiku to An Khe and Dragon Mtn was turned over to the Army of the Republic of Vietnam. To replace the communications links that these systems provided to the detachments in the northern area of II Corps tactical Zone, the Battalion installed the T-44 tropospheric scatter multichannel system from Hon Tre Island to Vung Chua, near Qui Nhon. This system is being channeled to provide support to the 173rd Airborne Infantry Brigade and the 4th Infantry Division.

4 In conjunction with closing of the T-42 tropospheric scatter system, the V-72A (from Pleiku, Engineer Hill to An Khe) and V-72B (from Pleiku, Engineer Hill to Pleiku, Dragon Mtn) systems were discontinued. Additionally the V-71 system (formerly linking Dragon Mtn to Engineer Hill) was reterminated at Artillery Hill west of Pleiku.

5 Also related to the above changes was the installation of the V-69 multi-channel system between Vung Chua Mtn and An Khe. This was established to provide additional communications to An Khe, a commitment that became necessary when the T-44 tropospheric scatter system was installed between Hon Tre Island and Vung Chua Mtn.

6 On 11 February 1970, A Company, 54th Signal Bn committed an AN/GRC-122 high frequency radio teletype in support of the Senior Liaison Officer of the Capitol Republic of Korea Division. This system operated in the Bravo net and provided communications from the Division's field position to its headquarters as well as to I FFORCEV Headquarters, Nha Trang.

7 On 3 March 1970, the Battalion supported the 9th Republic of Korea Division with a very high frequency system utilizing a MRC-112, 4 channel system at Dong Ba Thin. It terminated at Hon Tre Island and circuits were relayed to Roberts Compound (Nha Trang) via existing systems. This system closed down on 16 March when the operation was completed.

8 The Hon Tre Island tropo site was rehabilitated in mid-February. One complete AN/TRC-97B tropospheric scatter terminal was replaced by a spare terminal. The replaced terminal had to undergo an intensive rehabilitation program. Additionally, the working area was sealed off to prevent dust from entering the equipment and air conditioning was installed to insure a constant temperature and eliminate

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equipment failure caused by extreme heat.

8 There was a physical change in the Battalion area in Camp McDermott. The unit received orders to close its enlisted men's club during a program of club consolidation in the Nha Trang area. The Battalion Commander directed the Electronic Maintenance Officer to move his operations to the old EM club. After a great amount of effort redesigning the area for optimal working conditions, the move took place in late March. This move vacated the former electronic maintenance shop, and the S-4 office promptly moved from its location near the Battalion headquarters to this building. This was very practical, for the S-4 section is now located next to the PLL section, an area to which a great portion of its time and effort is directed. One more move followed to complete the relocation effort. The S-2/3, Operations and Intelligence Section, which had been located in the Grand Hotel complex for 4 years, moved into the old S-4 office, next to the Battalion headquarters. This enabled the section to be responsive to the operation of the Battalion and to be located near the companies' headquarters.

9 The Digital Subscriber Terminal Equipment (DSTE) Autodin System was installed in the IFFORCEV Communications Center. This system was installed by a team sent by STRATCOM during the latter part of February. Eventually it will replace both Mode V autodin terminals. One Mode V terminal has already been removed while the other remains as standby during the 60 day trial period of the new equipment. While some early difficulties were encountered, the basic problems are being solved and it is anticipated that it will be a smooth functioning modern and efficient system.

10 With a \$4500 grant from the Camp McDermott Post Fund supplementing the Battalion's unit funds, an enterprising project to revamp the Battalion day room was initiated in February. In just one month's time the transformation was completed. The new dayroom has such modern comforts as television, a tape stereo studio equipped with a tape recording system, a reading room with numerous books and magazines and ping pong tables. These features, together with comfortable chairs and a clean fresh area, create a congenial atmosphere for all troops to utilize.

11 In late March the headquarters of the 1st platoon of the 167th Signal Co (RR) relocated from An Khe to LZ English to provide more direct support to the 173rd Airborne Brigade. This was coordinated with the Commanding General of the 173rd Airborne Brigade and billeting is being constructed. It increased the manning at this location by 20 men and enabled the platoon to be more responsive to the adjacent communications sites at North English, LZ Uplift, and Tam Quan and to the requirements of the 173rd Airborne Brigade.

## (t) Training:

1 The Battalion Training Program underwent the following changes during the reporting period:

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a The Battalion Training Record was revised to list new mandatory subjects and to list more information on the individual required by the training NCO's.

b Replacement training was expanded to two days per week to enable personnel being assigned to 167th Signal Co (RR) to depart for An Khe as soon as possible.

2 PSYWAR A 2 hour class was attended by the officers as required by USARV Reg 350-1, Appendix I, para 2. This class was presented by the 5th Special Forces Group.

3 Chemical A new annex to Battalion Training Reg 350-1 on Chemical, Biological, Radiological and Nuclear Defense Training was implemented.

4 Safety A new annex to Battalion Training Reg 350-1 on Range Safety was also implemented.

5 Non-Battalion formal training conducted during the past quarter:

| <u>COURSE</u>            | <u>LENGTH (hrs)</u> | <u>ATTENDED</u> | <u>TOTAL HOURS</u> |
|--------------------------|---------------------|-----------------|--------------------|
| Projectionist (MP)       | 4                   | 7               | 28                 |
| AN/TRC-97B Operator      | 80                  | 2               | 160                |
| PCM (MEDCAP) Maintenance | 168                 | 1               | 168                |
| AN/TRC-24 Operator       | 112                 | 4               | 448                |
| PCM (MEDCAP) Operator    | 72                  | 4               | 228                |

6 For the 4th quarter the Battalion requested 50 allocations for courses from the 1st Signal Brigade. Of the 50 requested, 36 were approved, however, USARV cancelled 15 of those 36. All of the cancellations were programmed for the month of June 1970. Of the 15 cancelled allocations 11 were for PCM (MEDCAP) Operator and 4 were for PCM Orientation.

d. Logistics:

(1) AACOMS: Per DA Letter dated 8 January 1970, Subject: Equipage of Forces with Multichannel Army Area Communications System (AACOMS) (U), the priority schedule in this reference has further delayed the arrival in the Battalion of the equipment. The Battalion, as a part of USARV, is 5th in a list of 5 major commands to receive second generation medium capacity subsystems. The lack of AACOMS is beginning to affect the mission of the unit in that: (a) The existing equipment is deteriorating rapidly. (b) Shelter structures are weakening. (c) Internal damage is irreparable in this area. In addition, if a shelter is turned in for maintenance, it is promptly evacuated, and the Battalion receives a turn-in credit, but the Battalion cannot requisition a like item as replacement because the present TO&E does not authorize the older equipment.

(2) M-16 Rifles: Presently, M-14 rifles are on hand in the Battalion. Repair parts and PLL are available in limited quantities due to the phasing out of the

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weapon. The companies have expressed their desires to have the M-16 issued to personnel on isolated detachments because of its greater versatility and fire power.

### (3) Battalion Motor Maintenance Section:

(a) Driver's Testing and Training: The Battalion Motor Maintenance Section continued to operate an extensive and effective driver's training program. This program included the training and testing of personnel at various sites which the Battalion operates. During this period, 110 persons were awarded operators licenses. In addition, a Remedial Drivers Training Program was inaugurated to provide additional instruction and training to those personnel receiving DR's for traffic violations.

(b) Battalion Tire Shop: The Battalion tire shop provided a convenient and economical method for tire repair service to the separate companies. The continued operation of this shop prevented usage of the local Vietnamese market for tire repairs. During this quarter approximately 330 tires were processed for repair.

(c) Battalion Consolidated Power Shop: During this quarter the Battalion Power Section provided vital back-up support for company power sections. Contact teams were utilized when specific trouble spots were identified. In addition, 21 generators were processed for evacuation to support maintenance and 42 generators were processed and prepared for issue to the respective companies.

(d) Transportation: Operational commitments required extensive use of air transportation during the quarter. The total amounts of cargo transported, in pounds, by the Air Force to and from detachments operated by this unit are as follows:

| <u>Location</u> | <u>Pounds</u>  |
|-----------------|----------------|
| Fhan Thiet      | 22,005         |
| Ban He Thuot    | 2,610          |
| Qui Nhon        | 27,931         |
| Phu Cat         | 6,160          |
| Di Linh         | 6,551          |
| Bao Loc         | 5,171          |
| Pleiku          | 28,339         |
| Kontum          | 112,254        |
| Dak To          | 12,820         |
| TOTAL           | <u>223,841</u> |

### e. Civil Affairs:

(1) During the quarter this Battalion was engaged in civic actions in support

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of four orphanages in the Nha Trang area. A total of \$28,536 VN in voluntary contributions was dispersed to the respective orphanages. In addition, lumber, cement, food, clothing and school supplies were distributed to the orphanages on a regular basis.

(2) The Ave Marie Orphanage had needed repairs and improvements made during the quarter. Through voluntary efforts of B Company personnel, improvements were made in the sewage facility, sorely needed lumber was cut and stored, and a clean-up campaign was conducted.

## f. Personnel:

### (1) Religious Activities:

(a) During the past quarter, Protestant and Roman Catholic services were held in the Battalion Chapel each Sunday. Jewish personnel have been informed by the Battalion Chaplain concerning the local Jewish Program and their names have been given to the IFFV Jewish Chaplain. Schedules of regular and special denominational services have been posted on company bulletin boards and in the barracks in the battalion area. Protestant, Catholic, and Jewish literature was made available in the Battalion day room and at each of the remote sites.

(b) Chaplain site visitations were maintained on a regular basis with a goal of one visit to each site each month. Religious worship coverage at the sites was provided by the resident Chaplain in the area.

(c) Character guidance instruction was given on a regular basis to all companies of the Battalion. A special Character Guidance Class on marijuana was conducted by the Chaplain. Part of this instruction was a questionnaire that will be used to evaluate the use of marijuana by Battalion personnel.

(d) The Battalion Chaplain has been released from the Nha Trang area Chaplain's Fund Custodianship after assuming duties in October 1969. During this time, approximately \$40,000.00 in business was conducted.

(e) The Battalion Chaplain has produced and participated in three individual fifteen minute television programs for the Armed Forces Vietnam Radio and Television Station located on Hon Tre Island for viewing in the Nha Trang, Cam Ranh area.

### (2) S-1:

(a) Rest and Recuperation: During the last quarter, the Battalion received 276 R&R allocations and utilized 181. No additional allocations were borrowed from area units.

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## (b) Courts and Boards:

1 The Battalion Commander acts as Special Courts-Martial Convening authority for the 54th Signal Battalion (Corps) and all attached units:

|                       |                                   |
|-----------------------|-----------------------------------|
| HHC, IFFV             | 55MI Det                          |
| HQ Battery, IFFV Arty | 11th PI Det                       |
| 297th Trans Co (car)  | 64th Engineer Det                 |
| 13th Military History | 41st CA Co (deactivated March 70) |
| MACV Advisory Team 25 | MACV Advisory Team 26             |
| MACV Advisory Team 28 | MACV Advisory Team 32             |
| MACV Advisory Team 30 | MACV Advisory Team 37             |
| MACV Advisory Team 31 | MACV Advisory Team 41             |
| MACV Advisory Team 36 | MACV Advisory Team 45             |
| MACV Advisory Team 38 | MACV Advisory Team 46             |
| MACV Advisory Team 42 | 5th PI Det                        |

2 Additionally, the Battalion Commander acts as Field Grade Officer for Article 15 actions and appeals to Article 15 actions for the above units with the exceptions of HQ Battery, I FFORSEV Artillery and the 13 MACV Advisory Teams.

3 Non-Judicial Punishment: A total of 89 Article 15's were administered. 43 of those were Field Grade Article 15's. There were 13 appeals to Article 15 actions.

4 Summary Courts-Martial: 15 Summary Courts-Martial were assembled during the quarter. There are 15 Summary Courts-Martial pending.

5 Special Courts-Martial: 10 Special Courts-Martial were assembled during the quarter. There 7 Special Courts-Martial pending.

6 General Courts-Martial: 5 General Courts-Martial were referred to the CG, I FFORSEV during the quarter.

(c) Emergency Leaves: 13 Emergency leaves were granted during the quarter.

## (d) Promotions:

|          | <u>E4</u> | <u>E5</u> | <u>E6</u> | <u>E7</u> |
|----------|-----------|-----------|-----------|-----------|
| February | 19        | 26        | 3         | 2         |
| March    | 15        | 27        | 1         | 0         |
| April    | 40        | 14        | 1         | 0         |

(3) The following is a breakdown of the Battalion's enlisted personnel utilization as of 24 April 70:

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|                        | <u>HHC</u> | <u>CoA</u> | <u>CoB</u> | <u>167th</u> | <u>209th Sig Det</u><br><u>(Photo)</u> |
|------------------------|------------|------------|------------|--------------|--|
| AUTHORIZED             | 165        | 305        | 216        | 294          | 4                                      |
| TOTAL ASSIGNED         | 186        | 309        | 245        | 243          | 3                                      |
| AVICL                  | 1          | 0          | 0          | 0            | 0                                      |
| TDY and Leave          | 14         | 15         | 8          | 6            | 0                                      |
| Stockade               | 0          | 1          | 3          | 1            | 0                                      |
| Motor Pool             | 24         | 40         | 12         | 17           | 0                                      |
| Personnel on Sites     | 4          | 75         | 69         | 132          | 0                                      |
| RMI                    | 0          | 3          | 0          | 0            | 0                                      |
| Guards                 | 7          | 13         | 13         | 0            | 0                                      |
| MF Park                | 0          | 12         | 0          | 0            | 0                                      |
| Typhoon                | 0          | 32         | 0          | 0            | 0                                      |
| Aviation               | 20         | 0          | 0          | 0            | 0                                      |
| Comm Center            | 0          | 70         | 0          | 0            | 0                                      |
| Photographers          | 20         | 0          | 0          | 0            | 3                                      |
| Electronic Maintenance | 40         | 2          | 0          | 11           | 0                                      |
| Miscellaneous*         | <u>56</u>  | <u>46</u>  | <u>142</u> | <u>35</u>    | <u>0</u>                               |
| TOTAL                  | 186        | 309        | 245        | 243          | 3                                      |

\* The following duties fall into this category: Cooks, orderly room, operations, supply, KP, telephone trouble teams, tech control, Battalion Headquarters details, chapel details, S-1, S-2/3, S-4, and MARS Station personnel.

(4) A list of key personnel is attached as Inclosure #3.

g. Artillery: None.

h. Other:

(1) Communications Statistics:

(a) Average daily number of messages (sent and received) at I Field Force  
Main Communications Center:

|                | <u>February</u> | <u>March</u> | <u>April</u> |
|----------------|-----------------|--------------|--------------|
| Landline       | 640             | 625          | 636          |
| Radio Teletype | 66              | 50           | 52           |

(b) Average handling time (in minutes) for all originating and terminating messages by precedence:

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|              | <u>February</u> | <u>March</u> | <u>April</u> |
|--------------|-----------------|--------------|--------------|
| Flash        | 23.11           | 16.57        | 25.71        |
| Immediate    | 119.41          | 89.37        | 99.93        |
| Priority     | 114.33          | 83.37        | 80.75        |
| Routine      | 141.11          | 99.10        | 75.15        |
| Monthly Mean | 99.49           | 72.10        | 70.39        |

(c) Precedence of total transmissions in percentages:

|           | <u>February</u> | <u>March</u> | <u>April</u> |
|-----------|-----------------|--------------|--------------|
| Flash     | 12.99           | 10.20        | 16.85        |
| Immediate | 45.06           | 54.11        | 51.51        |
| Priority  | 23.36           | 21.17        | 17.79        |
| Routine   | 18.86           | 14.52        | 13.85        |

(d) Switchboard Operations (Typhoon, Typhoon TOC):

|                               |      |      |      |
|-------------------------------|------|------|------|
| Total Typhoon Subscribers     | 317  | 315  | 318  |
| Total Typhoon Trunks          | 75   | 75   | 76   |
| Total Typhoon TOC Subscribers | 33   | 35   | 40   |
| Total Typhoon TOC Trunks      | 24   | 24   | 24   |
| Average Daily Peg Count       | 1306 | 1408 | 1785 |

(e) MARS Operations:

|                         |     |     |     |
|-------------------------|-----|-----|-----|
| Phone Patches Completed | 915 | 987 | 948 |
|-------------------------|-----|-----|-----|

(2) Photographic Operations:

|                             | <u>February</u> | <u>March</u> | <u>April</u> | <u>Total</u> |
|-----------------------------|-----------------|--------------|--------------|--------------|
| Number of Negatives Exposed | 7264            | 2728         | 3624         | 13616        |
| Number of Prints Made       | 16166           | 8896         | 8361         | 33423        |
| Number of Color Slides Made | 2070            | 1032         | 2970         | 6072         |
| Feet of Motion Picture Film | 1000            | 2000         | 3900         | 6900         |

(3) Aviation Activities:

(a) The period covered in this report was characterized by rendering air messenger support to IFFV Headquarters, and administrative and aerial resupply to the 54th Signal Battalion (Corps). During the period a total of seven aircraft were assigned; 1 UH-1D, 5UH-1H's and 1 OH-6A.

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(b) The following table reflects the aircraft status and flying hours for the past quarter. Entries in "days assigned" column reflect the period each aircraft was assigned.

## AIRCRAFT STATUS AND FLYING HOURS

| <u>TYPE A/C</u> | <u>SERIAL #</u> | <u>HOURS FLOWN</u> | <u>CM</u> | <u>FM</u> | <u>NDP</u> | <u>AVAILABILITY</u> | <u>DAYS ASSIGNED</u> |
|-----------------|-----------------|--------------------|-----------|-----------|------------|---------------------|----------------------|
| OH-6A           | 67-16499        | 31                 | 192       | 1106      | 432        | 17%                 | 88                   |
| UH-1D           | 66-1-33         | 105                | 290       | 312       | 456        | 45%                 | 88                   |
| UH-1H           | 66-16764        | 207                | 226       | 72        | 96         | 82%                 | 88                   |
| UH-1H           | 66-17136        | 117                | 84        | 360       | 120        | 73%                 | 61                   |
| UH-1H           | 68-15528        | 164                | 184       | 243       | 408        | 60%                 | 88                   |
| UH-1H           | 68-15574        | 131                | 150       | 66        | 684        | 51%                 | 88                   |
| UH-1H           | 68-15662        | 210                | 134       | 144       | Ø          | 86%                 | 88                   |
| UH-1H           | 69-15100        | 74                 | Ø         | Ø         | Ø          | 100%                | 28                   |
| TOTAL           |                 | 1039               | 1260      | 2303      | 2196       |                     |                      |

(c) The total tonnage transported for the quarter was 162 and there were 2340 passengers carried.

## 2. Lessons Learned: Commander's Observations, Evaluations and Recommendations.

### a. Personnel:

#### (1) Personnel Actions:

(a) Observation: The ever increasing number of inquiries received by this headquarters made evident the fact that many individuals are confused as to the proper time frame for submission of personnel actions. A genuine hardship was incurred by an individual when, through misinformation, he requested a personnel action too late to be processed prior to his DEROS.

(b) Evaluation: The apparent solution was to instruct all administrative personnel, to include company clerks and First Sergeants, as to the proper time frame for submission of the more common personnel actions. In so doing, these individuals would be in a more knowledgeable position to advise individuals within their appropriate units. To obtain widest publicity possible, a chart with proper time frame for requests for personnel action was prepared and distributed with the Battalion's UPO newsletter. This is an informal publication in which topics of general interest are discussed each month. The news letter is distributed on a 1-per-man basis and copies are furnished each unit, section, and site. While it is too soon to observe the overall benefit from these actions, it is felt that the information will greatly benefit all individuals within this command, and

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furnish to them a clear, concise, easy to understand schedule for submission of most personnel actions anticipated during their tour in Vietnam.

(c) Recommendation: Recommend that Headquarters, USARV, publish a schedule that describes time frame submissions for all personnel actions.

## (1) Air Conditioner Repairman

(a) Observation: It has been found that there is difficulty in getting an air conditioner repairman to maintain the many tactical air conditioners of a signal battalion operating in a tropical climate. This has jeopardized the mission and has reduced the efficiency of operations.

(b) Evaluation: Electronic equipment is susceptible to the heat and dust of a tropical climate. The equipment in the vans must be properly air conditioned to function properly.

(c) Recommendation: An air conditioner repairman should be added to the TOE of all units that have communications equipment which depends upon air conditioners for proper and continuous operation.

b. Intelligence: None.

## c. Operations:

### (1) Classes for NCO's and junior officers.

(a) Observation: There appeared to be a definite lack of knowledge of basic maintenance procedures and requirements on the part of NCO's and junior officers.

(b) Evaluation: A program of instruction and orientation on maintenance management techniques is needed to improve the maintenance posture of the Battalion. This instruction should encompass all areas of maintenance operations.

(c) Recommendation: That in-country orientation training include a class on Maintenance Management for NCO's and junior officers. These classes should be reflected on individual's training records.

### (2) Oil Filter Changes:

(a) Observation: Command Maintenance Management Inspection Team noted that oil filter changes of quarterly 3000 miles were not being recorded on vehicle log book Form 2403-1.

(b) Evaluation: Although oil filters were being changed at this interval or sooner, no effective record was being maintained.

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(c) Recommendation: That the remarks section of DD Form 314's for 2½ ton trucks be annotated to show need for oil filter change, and that appropriate entry be made on Log Book Form 2408-1 upon completion of filter change.

## (3) Circuit Outages:

(a) Observation: Numerous circuit outages have been experienced because telegraph converters are being diagnosed as faulty when actually they are operational.

(b) Evaluation: A TH-5 and a TH-22 are of the nomenclature, telegraph converter, but the TH-5 has vacuum tubes in its construction and the TH-22 is transistorized. When a circuit which is using a TH-5 has a TH-22 placed on it in place of the TH-5, the tone put out by the TH-22 is sometimes too high, overriding the phase from the KI-7.

(c) Recommendation: That communications systems be engineered with either TH-5's in the system or TH-22's but the two should not be mixed. This information should be entered on all circuit engineering orders.

## (4) Maintenance of Equipment:

(a) Observation: Controlled maintenance down time for the cleaning and servicing of air filters on AN/TRC-24 VHF radio systems has significantly improved communications reliability.

(b) Evaluation: Controlled maintenance of the systems enables the equipment to be cleaned daily causing it to operate cooler and to be realigned.

(c) Recommendation: To improve circuit and system reliability on multichannel communications systems using AN/TRC-24 radios, that the system be shut down at least during a 24 hour period to clean/change air filters and service the equipment.

## (5) Electronic Maintenance Assistance Teams:

(a) Observation: Electronic Maintenance teams dispatched to detachments have increased the overall reliability of the communications provided by this unit.

(b) Evaluation: Electronic maintenance teams perform a valuable mission in advising and instructing personnel in the care and cleaning of communications equipment.

(c) Recommendation: That these teams be sent to each site as often as possible.

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d. Organization: None.

e. Training: None.

f. Logistics:

(1) Battery Acid:

(a) Observation: Spillage of battery acid aboard aircraft.

(b) Evaluation: When acid-type batteries are carried aboard aircraft there is danger of spillage with resultant metal corrosion and damage to wiring which runs beneath the cargo floor. Electrical failure and possible fire could easily result from acid spillage. Also, excessive maintenance is required to neutralize the spilled acid.

(c) Recommendation: If possible, only batteries without acid should be carried in the aviation section aircraft. If battery acid must be transported by aircraft, all containers should be clearly marked "hazardous cargo" and the fact brought to the attention of the crew of the aircraft. The battery will be packed in absorbing materials such as sawdust or sand and the entire package placed in a plastic type container.

(2) Transporting Grenades:

(a) Observation: Thermite grenades are a potential hazard aboard aircraft.

(b) Evaluation: In the past, thermite grenades have been carried in the aircraft by communications center personnel. These grenades could easily become a hazard in flight if accidentally triggered. Attempted destruction of classified equipment in the event of an aircraft emergency or accidental ignition in the aircraft could be disastrous due to the inflammability of the magnesium content in aircraft structures.

(c) Recommendation: All thermite grenade handles will be taped prior to placement aboard aircraft. Individuals should be thoroughly briefed about removing equipment from the aircraft before attempting destruction of the signal equipment in an emergency situation.

(3) Switchboard Cleaning Materials:

(a) Observation: Metal polish, paste Signal Corps Federal Stock Number 66151 is not available through normal supply channels.

(b) Evaluation: A more readily available cleaning agent should be found to substitute for the above mentioned polish.

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(c) Recommendation: A comparable substitute is "Jeweler's Rouge". This item is not a Federal Stock Numbered item and must be purchased locally. Suggest this item or some other acceptable substitute be entered in the Army inventory for the correct preventive maintenance necessary for efficient trouble free operations.

(4) Push Button Telephone Key Systems:

(a) Observation: Telephone key systems not organic to the Army inventory are being installed in many major staff offices.

(b) Evaluation: Proper installation tools, repair parts and personnel with appropriate MOS are not organic to a tactical corps signal battalion under present TOE.

(c) Recommendation: The Army should purchase the proper type of telephone key systems necessary to meet the demands of major command headquarters. At the same time some provisions should be made to allow responsible installation agencies to acquire the necessary tools and repair parts to properly install and operate the desired key systems.

1. Communications: None.

2. Materials:

(1) AN-3349, Amplifier:

(a) Observation: During the past three months it has been noted that the deadline rate for the amplifier AN-3349 is still very high. Several times we have been limited in operations because of a lack of spare AN-3349's.

(b) Evaluation: The problem with the AN-3349 seems to be a lack of proper engineering in regard to cooling. The AN-3349 gets quite warm in operation and is insufficiently cooled by fans and the air conditioner in the ris during normal operation. The problem is worse with the AN-3349 as a component of the AN/GRC-106. Since the AN/GRC-106 is mounted, for the most part, without an air conditioned shelter, the equipment is subject to the high tropical heat.

(c) Recommendation: The AN-3349 should be re-evaluated and perhaps re-designed to improve its operation in an exceptional warm environment.

(2) AN/GRC-106:

(a) Observation: It has been noted that there are two different models of AN/GRC-106 equipment. One model has a completely numbered serial number, eg. 1242, while the other model has a partially lettered serial number, eg. 01FOA.

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Experience has shown that if you mix one model's receiver-transmitter with the other's model amplifier, the amplifier will fail very quickly.

(b) Evaluation: This situation presents a hazard to mission accomplishment and must be corrected. The maintenance facility of the Battalion and support maintenance cannot give a reason for this occurrence.

(c) Recommendation: The equipment should be re-evaluated and a reason for the failure of an AM-3349 when operated with a different model receiver-transmitter should be found.

## 4 (3) Air Conditioners CE-6A-60A

(a) Observation: There has been an unusual amount of air conditioner failures on the radio set AN/GRC-122 and AN/GRC-142. When the air conditioner is turned on, the power drain is such that it will completely shut down a generator with less than 10 KW output.

(b) Evaluation: There is something causing a fault in the compressor relay which causes unnecessary power drain.

(c) Recommendation: Further study and technical inspection is needed to determine the cause of failure of the relay. The air conditioner is a must for efficient operation of the radio sets in an environment such as that found in southeast Asia.

## 1. Other:

### (1) Security of Ammunition Bunkers and Rapid Access to Ammunition:

(a) Observation: The single company ammunition bunker was located just inside the gate to the company area. During alerts it was a slow process to pass out reserve ammunition. This single ammunition point presents a hazard when personnel crowd into the area to receive their issue of ammunition.

(b) Evaluation: Besides proving to be an impasse to the quick and efficient distribution of ammunition, the bunker held all of the company's reserve ammunition making a situation in which all ammunition could be destroyed if the bunker should be hit by an incoming round or destroyed by sappers.

(c) Recommendation: That company commanders be reminded of the need for frequent re-evaluation of their methods of ammunition storage. Plans should be made and carried out to construct more than one ammunition bunker per company area.

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## (2) CBR Masks

(a) Observation: Para 11-c of TM 3-4210-258-14 prescribes the proper storage of accessories in the M15A1 CBR Carrier.

(b) Evaluation: The technical manual states that the M-13 decontamination kit, a M-1 waterproofing bag and a book of M8 VGH detector paper are all to be stored in the lower exterior pocket. Due to shrinkage of the canvas and the size of these items, it is not possible to fit all of them in this pocket.

(c) Recommendation: The waterproof plastic bag and the VGH detector paper should be stored in the interior pocket of the carrier.

  
ROBERT E. VISSCHER  
LTC, SigC  
Commanding

7 Incl

- 1 - List of Detachments
- 2 - 54th Sig Bn (C) Communications System Map
- ~~3 - Kc. Personnel~~
- 4 - Organizational Chart
- 5 - 54th Sig Bn (C) and Attached Units MTOE
- ~~6 - Letter from LTC Gorcevany, CG I FFORCEV~~
- ~~7 - Personnel~~

Incls 3, 6, & 7 wd HQ DA

DISTRIBUTION:

- 4 - CG, I FFORCEV, ATTN: AVFA-GC-OT, APO 96350
- 2 - CINCUSARPAC, ATTN: GPOP-DT, APO 96558
- 3 - DCG, USAFV, ATTN: AVHGC-DST, APO 96375
- 2 - CG, I FFORCEV, ATTN: AVFA-SC, APO 96350
- 1 - GMDT, USASCS
- 1 - CG, USACS, ATTN: DIR OD
- 1 - CG, USASESS, ATTN: DIR OD
- 1 - Bn Historian
- 1 - CO, HHC
- 1 - CO, Co A
- 1 - CO, Co B
- 1 - CO, 167th Sig Co (RR)
- 3 - S-1
- 2 - S-2/3
- 1 - S-4
- 1 - Avn Sec
- 6 - 13th Mil Hist Det, APO 96350

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AVFA-GC-HIST (1 May 70) 1st Ind  
SUBJECT: Operational Report-Lessons Learned, 54th Signal Battalion (Corps),  
Period Ending 30 April 1970, RCS, CSFOR-65 (R2)

DA, Headquarters, I Field Force Vietnam, APO S.F. 96350 24 MAY 1970

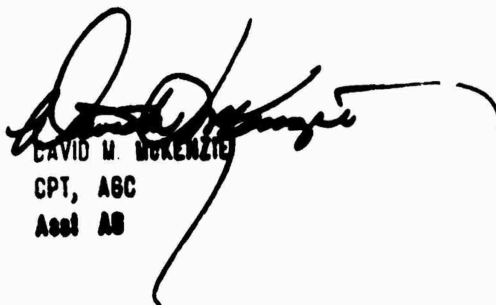
TO: Commanding General, United States Army Vietnam, ATTN: AVHGC-DST, APO  
96375

1. This headquarters has reviewed and evaluated subject Operational Report-Lessons Learned and concurs.

2. Reference Army Area Communications System (AACOMS), paragraph 1d (1). Based on priorities established by USARV, G4 and unofficial queries, the exchange of the new Army Area Communications System (AACOMS) family of radios with the present ANGRRC 106 System, does not appear likely within the immediate future. However General Support has begun to close loop unserviceable equipment to Sacramento Army Depot under the "Repair and Return Program" thereby relieving a previously unsatisfactory maintenance condition. The depot is modifying the set which reduces the down time considerably below unmodified sets.

3. Reference M-16 Rifles, paragraph 1d (2). On 14 March 1970 a list of I FFORCEV units which are still armed with the M-14 Rifle, was furnished to USARV. This list was made up in priority in which issue of M-16 Rifles were to be made. The 54th Signal Battalion will be the first I FFORCEV unit to exchange M-14's for M-16A1's. On 19 May 70 a message was sent to USARV requesting the date that the exchange program would begin for I FFORCEV units. In conversation with 54th Signal supply and maintenance personnel it was learned that the unit is not having any real maintenance problem with the M-14 Rifle, e.g. On 19 May 70 only one M-14 was inoperable awaiting parts in the entire battalion.

FOR THE COMMANDER:

  
DAVID M. MCKENZIE  
CPT, ASG  
Asst AS

CF:  
2 - ACSFOR, DA  
1 - CO, 54TH SIG BN (LESS ORLL)

AVHGC-DST (1 May 70) 2d Ind

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Headquarters, United States Army Vietnam, APO San Francisco 96375 11 MIN 1970

~~THRU: Commanding General, United States Army Strategic Communications  
Command Pacific, APO 96557~~

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 30 April 1970 from Headquarters, 54th Signal Battalion (Corps) and comments of indorsing headquarters.

2. Comments follow:

a. Reference item concerning "Army Area Communications System", page 8, paragraph d(1): concur. Replacement of first generation AACOMS equipment with second generation AACOMS medium capacity equipment is not firmly scheduled at this time. However, severe maintenance problems with existing equipment should be brought to the attention of this Headquarters in sufficient detail to permit development of possible solutions. Unit has been so advised.

b. Reference item concerning "M-16 Rifles", page 8, paragraph d(2): concur. The issue of M16A1 Rifles is dependent upon the assets available in depot. Rifles when available are allocated to units on a priority basis established by CG USARV. Presently, the anticipated rate of issue of M16A1 Rifles to IFFV units is September 1970. As per the issue priority within IFFV, the 54th Signal Battalion is the first unit to receive weapons when issue is made.

c. Reference item concerning "Personnel Actions", page 14, paragraph a(1): nonconcur. The publishing of a schedule of personnel actions by HQ, USARV, would not be feasible due to the numerous personnel actions involved. Any suspense dates listed in USARV Directives are normally intended for the commands reporting directly to this Headquarters. Such a schedule should be developed and maintained at the echelon that has custody of personnel records.

d. Reference item concerning "Air Conditioner Repairman", page 15, paragraph a(2): nonconcur. This problem is peculiar to the tropical environment only and not generally applicable to a corps Signal Battalion. Continuous close liaison with local PA&E support personnel will alleviate the situation. Unit has been so advised.

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e. Reference item concerning "Oil Filter Changes", page 15, paragraph c(2): concur. Paragraph 3-3 (4)(f), TM 38-750 encourages the recording of any pertinent maintenance data in the remarks column of DA Form 3'4. This information need not be limited to 2½ ton trucks but should be expanded to all multifuel vehicles to include fuel filter changes also. No further action by USARPAC or DA is recommended.

f. Reference item concerning "Circuit Outages", page 16, paragraph c(3): nonconcur. This problem has not been experienced by units or the 1st Signal Brigade and has not been previously reported by other signal organizations to this Headquarters. Since the output of both the TH-5 and the TH-22 are engineered to be identical, the problem experienced by the 54th Signal Battalion is probably due to other causes. Recalibration of the TH-22 units to specified TM frequency standards by maintenance support personnel should be accomplished. Unit has been so advised.

g. Reference item concerning "Maintenance of Equipment", page 16, paragraph c(4): nonconcur. Airfilters may be cleaned and other necessary preventive maintenance can be performed without shutting down the VHF system. The interruption of communications for the purpose of performing routine preventive maintenance violates the fundamental precepts of communications reliability. Unit has been so advised.

h. Reference item concerning "Switchboard Cleaning Materials", page 17, paragraph f(3): nonconcur. An approved switchboard cleaning material is available. Requisition cleaning compound, FSN 7930-395-9542 which is available in theater in adequate quantity. Requisitions submitted with Signal Corps Federal Stock Numbers will not be honored since the numbers were replaced by Federal Stock Numbers in 1950. Unit has been so advised.

i. Reference item concerning "Push Button Telephone Key Systems", page 18, paragraph f(4): concur. Push Button Telephone Key Systems were not intended for maintenance by a tactical corps Signal Battalion. Upon installation of a Key Telephone System, these items are annotated to the property book of the local servicing Signal Group, or detachment, as installed signal property and will be maintained by the trained personnel of that organization. In the event Corps level headquarters or subordinate divisional level headquarters require installation and/or maintenance capabilities for the Key Telephone System, schooling is available for personnel of these organizations at the US Army Training Facility, Long Binh, RVN. The required tools can be obtained through normal requisitioning procedures. Unit has been so advised.

AVHGC-DST (1 May 70) 2d Ind  
SUBJECT: Operational Report-Lessons Learned, 54th Signal Battalion (Corps),  
Period Ending 30 April 1970, RCS-CSFOR-65 (R2)

j. Reference item concerning "AN/GRC-106", page 19, paragraph h(2):  
USAECOM representatives at Headquarters, USARV were unaware of this type  
of problem with the AN/GRC-106. USAECOM representatives are in contact  
with the 54th Signal Battalion in order to obtain more information and  
reach a solution to the problem.

FOR THE COMMANDER:



Clark W. Stevens Jr.

Captain, USAF

Assistant Adjutant General

Cy furn:  
I FFORCEV  
54th Signal Battalion (Corps)

GPOP-DT (1 May 70) 3d Ind (U)


SUBJECT: Operational Report of HQ, 54th Signal Battalion (Corps) for  
Period Ending 30 April 1970, RCS CSFOR-65 (R2) (U)

HQ, US Army, Pacific, APO San Francisco 96558 24 JUL 70

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

This headquarters concurs in subject report as indorsed.

FOR THE COMMANDER IN CHIEF:



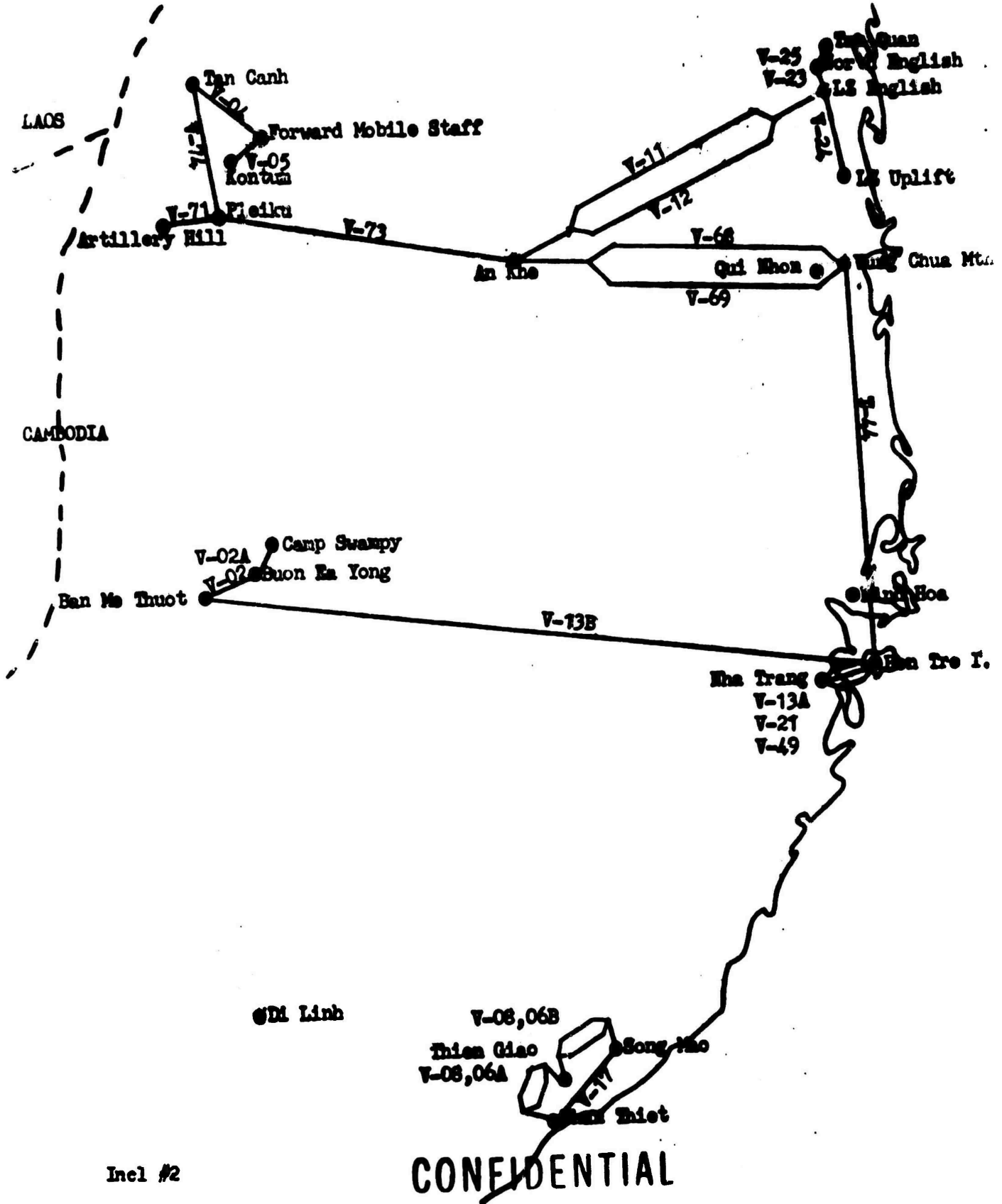
L.M. OZAKI  
CPT, AGC  
Asst AG

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## COMMUNICATION DETACHMENT LOCATIONS (as of 30 April 70)

| <u>DETACHMENT</u> | <u>GRID COORDINATES</u> | <u>LOCATION</u>              |
|-------------------|-------------------------|------------------------------|
| 1                 | BR 45404685             | An Khe, Hon Cong Mountain    |
| 2                 | CR 05652210             | Qui Nhon                     |
| 3                 | ZB 60222277             | Tam Canh                     |
| 4                 | BR 93007452             | LZ Uplift                    |
| 5                 | AR 22825324             | Pleiku (Artillery Hill)      |
| 6                 | CP 13555005             | Hon Tre Island               |
| 7                 | AR 79575250             | Pleiku North (Engineer Hill) |
| 8                 | BR 87660644             | North English                |
| 9                 | BR 05291992             | Vung Chua Mountain           |
| 10                | AN 80500650             | Fhan Thiet                   |
| 11                | BS 87500115             | LZ English                   |
| 12                | BP 99308330             | Ninh Hoa                     |
| 13                | BN 27534456             | Song Mao                     |
| 15                | AN 81408089             | Di Linh                      |
| 16                | AQ 08430155             | Ban Me Thuot                 |
| 17                | ZA 89871380             | Tam Quan                     |
| 18                | AR 76325173             | Pleiku (DSA II Corps TOC)    |
| 20                | BQ 09250330             | Buon Ea Yong                 |
| 21                | BQ 19151370             | Camp Swampy                  |
| 23                | AN 87052520             | Thien Giao                   |
| 24                | CP 04355350             | Grand Hotel VHP (Nha Trang)  |
| 25                | AR 76555165             | Pleiku (DSA II Corps HF)     |
| 26                | AR 77658972             | Kontum                       |

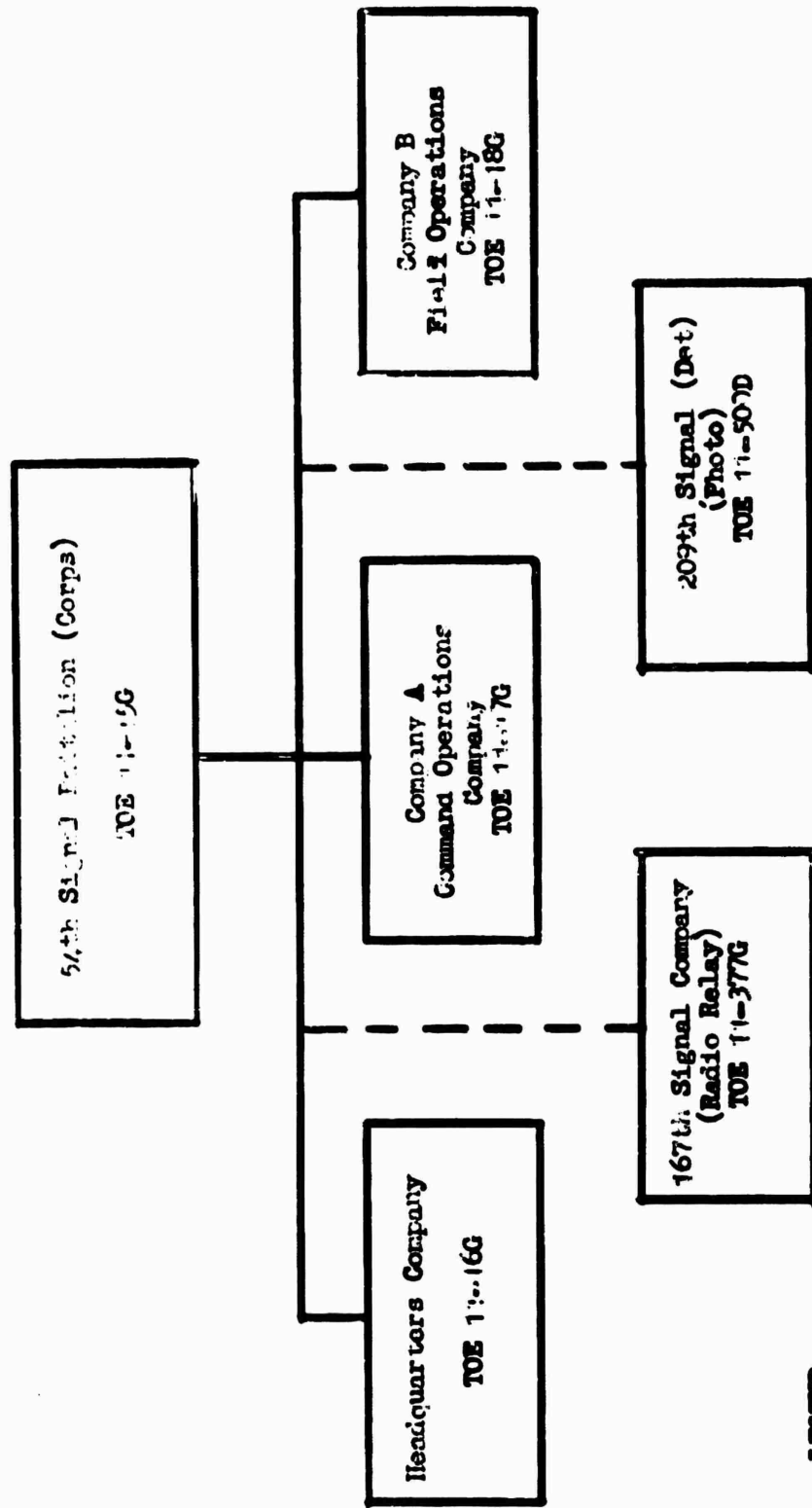
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Incl #2

V - VERY HIGH FREQUENCY  
 T - TROPOSPHERIC SCATTER RADIO SYSTEM

54th Signal Battalion (Corps)  
ORGANIZATIONAL CHART



**LEGEND**

Attached     |

Assigned     |

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## 54TH SIGNAL BATTALION (CORPS) AND ATTACHED UNITS

| <u>UNIT</u>                           | <u>TOE and DATE</u> | <u>MTOE and DATE</u> |
|---------------------------------------|---------------------|----------------------|
| 54th Signal Battalion (Corps)         | 11-15G, 31 Jul 67   | 11-15G, 25 Apr 69    |
| Headquarters and Headquarters Company | 11-16G, 31 Jul 67   | 11-16G, 25 Apr 69    |
| Company A                             | 11-17G, 31 Jul 67   | 11-17G, 25 Apr 69    |
| Company B                             | 11-18G, 31 Jul 67   | 11-18G, 25 Apr 69    |
| 167th Signal Company (RR)             | 11-377G, 26 Jul 68  | 11-377G, 25 Apr 69   |
| 209th Signal Detachment (Photo)       | 11-500D, 31 Jul 67  | 11-500D, 30 May 68   |

Incl #5

30

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UNCLASSIFIED

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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)*

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