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AD871101

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AUTHORITY

AGO D/A ltr, 29 Apr 1980

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

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IN REPLY REFER TO

AD 871101

AGDA (M) (15 Jun 70)

FOR OT UT 701066

18 June 1970

SUBJECT: Operational Report - Lessons Learned, Headquarters, 63d Signal Battalion, Period Ending 31 January 1970

SEE DISTRIBUTION

1. Subject report is forwarded for review and evaluation in accordance with paragraph 4b, AR 525-15. Information of actions initiated as a result of subject report should be forwarded to ACSFOR OT UT within 90 days of receipt of covering letter.

2. Information contained in this report is provided to insure appropriate benefits in the future from lessons learned during current operations and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

*Kenneth G. Wickham*

KENNETH G. WICKHAM  
Major General, USA  
The Adjutant General

1 Incl  
as

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DEPARTMENT OF THE ARMY  
Headquarters 63rd Signal Battalion  
APO 96308

SCCFV-PG-PB

31 January 1970

SUBJECT: Operational Report - Lessons Learned (Headquarters 63rd Signal Battalion), Period Ending 31 January 1970, RCS CSFOR-65(R2)

SEE DISTRIBUTION:

1. Section 1, Operations: Significant Activities

a. General:

(1) During the reporting quarter, the 63rd Signal Battalion continued in its assigned mission of providing communications support on a semi-fixed station as well as mission basis to units operating in ICTZ North of the Hai Van Pass.

(2) In addition to the emphasis on quality control, command emphasis was placed on the area of physical security in preparation for TLT 1970.

(3) All units of the battalion successfully completed the CMMI that was conducted during the last week in November.

(4) The 61st Signal Detachment was assigned to battalion control, thus changing the organizational structure of this unit.

(5) Organic, assigned, attached units are as follows:

A. ASSIGNED: Headquarters and Headquarters Company 63rd Signal Battalion, Company B 37th Signal 63rd Signal Battalion, 588th Signal Company (SIT), 596th Signal Company (SRT), 270th Signal Company (CA), and 17th Signal Platoon (Cable).

(b) OPERATIONAL CONTROL: 2 Special Quality Data System Maintenance Teams, 536th Signal Company, Phu Lam Signal Battalion.

(c) ATTACHED: CONSEC Logistic Support Unit 57th Signal Company, 160th Signal Group (Rations and Motor Maintenance), Photo Team 221st Signal Company (Rations and Quarters), 271st Signal Detachment (Attached to 596th Signal Company), 506th Signal Detachment (Attached to 588th Signal Company), and 61st Signal Detachment (Attached to 596th Signal Company).

FOR OT UT

701066

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b. Activities:

(1) During the week of 3-19 November 1969, the 17th Signal Platoon completed the movement of the BCM and cable yard to the new location.

(2) During the week of 3-10 November 1969, the S-4 turned in four excess AN/VSC-2 radios with vehicles.

(3) On 7 November 1969, two Seahuts were moved to Camp Eagle for additional quarters by the Battalion S-4.

(4) During the week of 10-17 November 1969, all excess and un-needed tentage was turned in by the Battalion S-4 for all units in the battalion.

(5) On 12 November 1969, the AN/MSC-29 at Battalion S-3 was transferred from 596th Signal Company to the S3.

(6) On 13 November 1969, a new 60 kw generator was issued to 596th Signal Company for use at Camp Eagle.

(7) On 14 November 1969, the turnin of two AN/GRC-26D from the 596th Signal Company to DSU was completed.

(8) During the week of 16 November 1969, the Phu Bai VEF site was renovated.

(9) On 17 November 1969, One AN/MCC-6, one AN/MRC-54 and one AN/MRC-69 with three FU-619 generators and three 2 1/2 ton cargo trucks were transferred from 588th Signal Company to 270th Signal Company. On the same day, an AN/MSC-29 van was transferred from the 596th to 270th.

(10) On 20 November 1969, S4 issued new Class V basic loads to HHC and Phu Bai Signal Detachment.

(11) On 26 November 1969, HHC passed the 12th Signal Group CMMI.

(12) On 27 November 1969, the 270th Signal Company passed the 12th Signal Group CMMI.

(13) On 28 November 1969, Company B/37th Signal passed their 12th Signal Group CMMI.

(14) On 28 November 1969, 1LT Robert J. Flowers assumed duties as Battalion Adjutant.

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- (15) On 29 November 1969, 1LT Steven Statz assumed duties as OIC of the Camp Eagle and Gia Le Signal Sites.
- (16) On 19 November 1969, the MTC-9 at Camp Eagle was moved to Battalion S4 for shipment to the US.
- (17) On 1 December 1969, the AN/MSQ-73 was moved from Battalion S4 to the Camp Eagle Signal Site.
- (18) On 1 December 1969, the battalion received two AN/MCC-6's from 2nd Signal Group for the Camp Eagle Signal Site.
- (19) On 2 December 1969, the 588th Signal Company passed the 12th Signal Group CMMI.
- (20) On 3 December 1969, the 596th Signal Company failed the 12th Signal Group CMMI.
- (21) On 5 December 1969, the 17th Signal Platoon passed the 12th Signal Group CMMI.
- (22) During the week of 4 December 1969, the Camp Eagle VHF site was renovated.
- (23) On 6 December 1969, 1LT Pedro Jamie assumed duties as OIC of the FHB DTE.
- (24) On 6 December 1969, the Phu Bai Signal Detachment completed construction of offices for Operations, Training, and Career Counselor.
- (25) During 7-13 December 1969, a new buss power system was installed at the LZ Sally Signal Site.
- (26) On 11 December 1969, the antennas on the Phu Bai VHF tower were reconfigured to provide room for the microwave antennas that were to be installed.
- (27) On 10 December 1969, CPT Thomas W. Wagner assumed duties as commander of the 270th Signal Company.
- (28) On 11 December 1969, CPT Michael E. Thomas assumed duties as Commander of the 588th Signal Company.
- (29) On 16 December 1969, MAJ James P. McMakin assumed duties as Battalion S3.
- (30) On 20 December 1969, 1LT Lou R. Rury assumed duties as Commander of Headquarters and Headquarters Company.

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(31) On 23 December 1969, LTC William B. Sheaves, Jr. assumed command of the 63rd Signal Battalion.

(32) On 25 December 1969, Telephone and Public Address System service was provided in support of the Bob Hope Show presented at Camp Eagle.

(33) On 3 January 1970, MAJ Monroe O. Flentge assumed duties as Battalion Executive Officer.

(34) On 3 January 1970, CW2 John C. Breletic assumed duties as Battalion Personnel Officer.

(35) On 23 January 1970, CPT John H. Ringolsbaugh assumed duties as Commander of the 596th Signal Company.

(36) During the month of January 70, all M14 rifles were exchanged for M16 Rifles.

c. Personnel and Administration:

(1) During the subject period, the battalion strength increased by 185 persons. There were 209 persons rotating and 389 replacements. A continued increase in replacements is expected in February which will raise the strength figure above the 1068 we had in January.

(2) The authorized number of local National hires has been reduced to forty-two. With the addition of three switchboard operators and nine kitchen police helpers the assigned strength will be forty-two. However, the battalion can utilize more local nationals if the authorized strength is increased.

(3) Operation of the Battalion Courier Service was assumed by the 270th Signal Company during the quarter. Distribution is picked up by the battalion M & D section at both XXIV Corps and 12th Signal Group, lessening delivery time of all types of correspondence.

(4) The number of recommendations for awards is 25 percent higher, although as in past quarters, there is no consistency in the time element for the returns of approved awards. Frequently the approved awards return after the individual has DEROSSED, causing an abnormal work load in forwarding the awards. The awards program has been effective in that deserving individuals are rewarded, which instills incentive to other members of the battalion.

d. Security:

(1) During the reporting period there were no security violations or administrative violations.

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(2) Physical security and counterintelligence inspections continue to be conducted as outlined in current regulations. Inspections of isolated sites have been conducted by higher headquarters.

(3) There are only 23 controlled documents on hand, and those are reviewed monthly for possible downgrading or destruction.

e. Safety:

(1) Vehicle accidents declined during this quarter, this is attributed to the command emphasis which has been placed in this area by all supervisors. A three hour block on defensive driving is being conducted and noted on the operators' Form 348.

(2) Accident exposure Rate for the quarter:

MONTH	MAN DAYS	MILEAGE
NOV	29,390	41,000
DEC	30,120	42,000
JAN	30,630	46,000

f. Training:

(1) The 1st Signal Brigade USATF has aided tremendously in helping to train or cross train in MOS's that are sometimes critical. During the past quarter, this battalion sent students for cross-training or refresher training in the following courses:

- (a) Personnel Clerk Refresher Course
- (b) PLL Course
- (c) AN/TRC-24 Maintenance Course
- (d) Cable Splicer Course
- (e) Telephone Installation and Repair
- (f) AN/GRC-106 Maintenance Course

(2) Range firing for units in this battalion is no longer a problem. We have fired crew-served weapons weekly the past quarter. Also, at the time the crew-served weapons are being fired, individuals who have just arrived in country fire personal weapons for zeroing and operational test.

(3) Defensive driver training was also conducted last quarter in an attempt to reduce traffic accidents. This training proved to be effective.

g. Logistics:

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(1) During the past quarter the Battalion S4 section completed the training of supply clerks and the correction of all unit property books with trained personnel were returned to all units of the battalion. The battalion received all new MTOE documents for the units assigned. General orders were received with these MTOE's except for four of the units assigned.

(2) A continued emphasis has been placed on the battalion PLL's throughout each unit. The PLL situation is bad as a result of conflicting requirements from the different agencies that the PLL fall under, i.e., DSTG, MSFS, Ordnance, Signal, DTE, AUTODIN, and others. Instead of the standard PLL established by AR 735-35, there are deviations between each different type PLL and too many different sources for procurement of needed repair parts. This is all too confusing to the individual PLL clerks assigned to the battalion units. Every effort is being made, however, to school the PLL clerks so they may better contend with the continuing changes being published.

#### h. Operations:

(1) During the reporting period, units of the battalion continued to operate a variety of multi-channel systems.

(2) A summary of system activations and deactivations is shown below:

77UH32	PHB-HUE MACV	29 Dec 69	Deactivated
FFH10	PHB-CEE	21 Jan 70	Deactivated
FFH12	PHB-TMY ISLAND	24 Jan 70	Activated

Test Shot MNO3 was redesignated FFH11 TMY-CVI via CES

(3) The 63rd Signal Battalion operates ten switchboards at nine locations. Efforts are being made to replace the MTC-9 at Camp Eagle with a TTC-28.

#### (4) Switchboard Facilities:

Hue Bai DTE	2000 Line Stromberg-Carlson
Dynamic TOC	MTC-1
Gia Le	MTC-1
Eagle	MTC-9
Hue MACV	MTC-1
Hue Citadel	MTC-7 (Standby SWBD)
Dong Ha West	MTC-1
Evans	2 - TTC-7
Quang Tri Army	MTC-9
Quang Tri City	MTC-3

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Oua Viet SB-86  
 Tan My Port SB-22  
 Tan My Island SB-86

(5) Phu Bai Dial Telephone Exchange: The Phu Bai Dial Telephone Exchange is a 2000 Line XY Stromberg-Carlson exchange. The present fill at the exchange follows:

- a. Trunks: 77 Ringdown; 30 Tandem; 30 Secondary
- b. Class A Mainline Instruments Installed: 283
- c. Class C Mainline Instruments Installed: 675

(6) The following cable was installed during the reporting period:

<u>Location</u>	<u>Pair</u>	<u>Feet</u>	<u>Pa</u>	<u>AWG</u>
PHB	25	17560	22	22
PHB	25	8260	22	23
PHB	50	2600	19	23
PHB	100	700	22	23
PHB	100	700	22	22
PHB	100	300	22	23
PHB	200	3300	22	22
PHB	400	100	22	23
PHB	600	1000	22	22
PHB		14500	60M	
PHB		3460	10M	messenger SPT Strand
EGL	25	150	23	22
EGL	25	250	FB	22
EGL	2	6000	22	23
EGL	100	673	23	23
EGL	600	150	22	22
EGL		1425	6M	
EGL		2200	10M	messenger SPT Strand
GAE	25	100	22	23
QTA	2	8000	10C	23
QTA	50	100	22	23
QTA	50	2200	22	22
QTA	200	2630	22	23
QTA		60	10M	messenger SPT Strand

(7) A total of 59 poles were set at all locations.

#### 1. Visitors:

(1) On 17 and 18 Nov 69, LTC M.K. Ashby, MAJ W. J. D'Ambrogio, LT F. S. Adams, and LT W. C. Androlia visited Northern sites of 63rd Signal Battalion.

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(2) On 7 Dec 69, COL Victor B. Penuel, USA, Deputy ACOFS, J6, and COL Doyme K. Martin, USA, incoming Deputy ACOFS, J6, LTC Richard H. Saurer, USAF, and MAJ J.G. Schanbor, USMC, visited battalion sites.

(3) On 19 Dec 69, LTC Thomas A. Stevenson, Chief Plans Division and MAJ Richard J. Meyers Jr, Plans Officer, visited Dong Ha and Hue Citadel.

(4) On 25 Dec 69, BG Albright, Deputy Commanding General, 1st Signal Brigade, visited Northern sites in the battalion.

(5) On 19 and 20 Jan 70, COL Mattern and COL Ogden visited sites in the battalion.

2. Section 2. Lessons Learned: Commanders' Observations, Evaluations and Recommendations.

a. Personnel:

(1) Awards Program

Observation: Personnel in the battalion were put in for awards, but were not receiving them prior to DEROS.

Evaluation: Company commanders were not allowing enough time for the award to be processed by the chain of command. In addition, individuals were not put in for awards until just before their DEROS.

Recommendation: Each company submits suspense cards to the battalion awards clerk. These cards record the awards received and awards pending. They are submitted on each individual 60 days prior to his DEROS.

(2) Uniform Services Savings Deposit Program

Observation: The participation rate in the Uniform Services Savings Deposit Program has been low for the battalion.

Evaluation: Individuals are not making deposits from Class S allotments or to the unit commanders on payday.

Recommendation: The Battalion Savings Officer requests monthly reports from Finance of those individuals in the battalion who made deposits during the month. In addition, the units have been informed on procedures for expediting withdrawals in cases of emergencies.

b. Intelligence: None

c. Operations:

(1) Power Hum

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**Observation:** Severe power hum on one pair of a multipair cable connected to a subscriber's telephone instrument.

**Evaluation:** Power hum was not caused by power wires or at the frame.

**Recommendation:** Thoroughly check grounding of protector-can to see that ground is not touching drop wire or house wire. In some cases, hum is caused by moisture on the carbon block. These must be taken off and wiped dry to prevent signal from bypassing carbon block.

(2) Jumper Wire in IDF

**Observation:** Jumper wire installed in the IDF may be the cause of several faults or shortcircuitings such as a permanent signal or static on the line or even no reception at all.

**Evaluation:** When installing WD 15 jumper wire be certain that the length of wire to be used is not brittle, cracked or skinned. Next, be sure that the terminal pins to be connected are free of dust and old solder. Be sure that when stripping, the wire is not broken inside of insulation. As the wire is wound around terminal pins, be sure the wire is snapped at the crook in the pins. Soldering is where most mistakes are made. A good solder connection is of most importance. Iron must be sufficiently heated, but must not be held to the pins too long so as not to cause recede insulation. Solder should drop right on the pins where the wire is locked in the wedge. A cold solder connection will not suffice as it will not connect wire properly to pins.

**Recommendation:** Disseminate information on correct jumpering techniques to all company commanders and site OIC's. Adopt this procedure as a matter of continuing command interest during inspections and staff visits.

(3) Standardization of Bunkers at VHF Sites

**Observation:** It has been observed that in field operations, excessive valuable time has been taken in constructing bunkers.

**Evaluation:** The reason for the waste of time was due to the fact that proper building material is not readily available. Cutting and fitting lumber for building a bunker took most of the time.

**Recommendation:** It is recommended that a procedure for rapid construction of bunker be devised.

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#### (4) Reducing Outage Time

Observation: The use of antenna towers that support a multitude of antennas, of a height which requires two or more 80 foot coaxial cable is defective. To further hamper determination of the defective section, the transmit and receive cables are often bound, tied or taped together.

Evaluation: The Phu Bai VHF Site has solved the above problem by installing each system pair with the coaxial cable connectors at or near an easily accessible point. Each system pair is separated with enough space to permit the disconnecting of the cable sections and insertion of the 1E-32 Wattmeter. This allows the faulty section to be determined and repaired or replaced.

Recommendation: It is recommended that the above procedures be followed when installing coaxial cables on towers of great heights.

#### (5) Equipment Enclosed in Bunkers

Observation: It has been observed that much equipment is bunkered in so well that removal from bunker is very difficult.

Evaluation: Many times a piece of equipment has to be moved in order to get the proper maintenance pulled. Also when equipment which is bunkered in has to be moved to another operational location, a problem arises.

Recommendation: It is recommended that a rapid means of removal be provided for equipment which is placed in a bunker.

#### (6) AN/TCC-7 operator training and maintenance.

Observation: Equipment returned from maintenance, and back up equipment, should be checked to insure it is operational and that all operators are thoroughly familiar with its operating characteristics.

Evaluation: The Phu Bai VHF Site has obtained a high degree of proficiency in both areas by terminating two AN/TCC-7's by Spiral 4 cable. This configuration provides an excellent method of training operators and insures that the equipment is fully operational at all times. In addition, the AN/TCC-7's are always under filament power and ready for immediate use as backup equipment.

Recommendation: Recommend that units use a method such as this to provide both training and maintenance on equipment.

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(7) Mode V, Autodin Terminal Mechanical Backlash

Observation: Mechanical backlash produces reject problems in the Mode V Autodin Terminal.

Evaluation: Tripling the spring tension in the TD Contacts of TD's used in Mode V AUTODIN results in less mechanical backlash. The reduction of backlash reduces distortion introduced in the system at the originating station. This is a significant factor in reject problems.

Recommendation: It is recommended that when reject problems arise, the above method be used to attempt to reduce these problems.

d. Organization: NONE

e. Training: NONE

f. Logistics:

(1) 6C1 lamps, teletype ribbon, WD-15 wire and Teletype paper and tape.

Observation: Units are not prior planning or requesting sufficient quantities of these items to keep up with their demands.

Evaluation: Because of lack of prior planning and poor supervision the sections requiring these items are completely running out of both items before they notify their respective supply rooms or PLL's.

Recommendation: That each using section of these items maintain a 30 day stockage level at the usage location with a backup 30 day stockage level on continued requisitions. That the using section through follow-up action insure that its requests are valid in the supply system by checking the supply sections of PLL's latest status at least once every 10 days.

(2) Movement of Van Assemblages.

Observation: A constant movement, between units of the battalion, van assemblages is tasking. These items continue to be moved with loss and less components.

Evaluation: When a van assemblage is directed to be moved or reported by the owning unit as available for movement. The components belonging to the assemblage that is located within the signal location must be placed back into the assemblage being moved. Too many empty vans are being moved with nothing in them to accomplish its designed mission.

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Recommendation: That before a van is considered for movement, the components stripped from the van be returned to its place in the van. These components must be tagged for the vans they belong to and each location in each van where a component is missing must be tagged with the location and serial number of the missing component.

g. Communications:

(1) Use of Microwave Systems

Observation: It has been observed that with the installation of the new microwave system from Phu Bai to Camp Eagle replacing two VHF AN/TRC-24 systems communications reliability has greatly increased.

Evaluation: The microwave system seems to be much more stable and less affected by interference from US and Allied radios and systems. Since the installation of the microwave system few path problems have been experienced with sensitive circuits, greatly enhancing service to the subscriber.

Recommendation: In Corps Area semipermanent communications systems AN/TRC-24 gear should be replaced with some type of equipment less sensitive to foreign interference such as microwave, as soon as such equipment can be made available.

(2) Voice Frequency Tone Packs

Observation: Continuous problems have been experienced during the quarter with VFCT's due to lack of proper alignment and periodic adjustment by VHF operators.

Evaluation: It appears that 31M personnel newly assigned and recently graduated from 31M courses prior to RVN assignments are not receiving adequate training on operation and maintenance of VFCT's. A refresher course run by battalion EMS has significantly increased operator proficiency in this area, but this training must be continued on a frequent basis in order to compensate for personnel rotation.

Recommendation: All 31M personnel attending service school courses in this MOS should receive more training on VFCT's.

(3) Storage of Generator fuels

Observation: Early in the period, many power failures in this command were experienced as a result of improper storage of fuels.

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**Evaluation:** A message sent to each company outlining proper storage techniques and handling of generator fuel supplies has effectively eliminated power failure from contaminated fuels. Daily checks of stored fuels as well as those currently being used by battalion generators has reduced significantly the outage time of sites from power failure.

**Recommendation:** All units should draft and post a power SOP, and continual command emphasis should be maintained on storage and handling of generator fuel.

**(4) Elimination of frequency interference by carrier alignment**

**Observation:** Numerous cases of apparent frequency interference have been eliminated by a complete systems line-up.

**Evaluation:** Lack of experience and proper maintenance of AN/TRC-24 radio gear and associated carrier equipment has caused numerous cases of apparent frequency interference. When the reporting station is directed to perform a systems line-up, in many instances the false interference caused in fact by frequency drift has been eliminated.

**Recommendation:** When a report of frequency interference is received by a tech control, the nature of the interference being noise, the first restoral measure taken should be a complete systems alignment.

**(5) Grounding of unused Cable Pairs**

**Observation:** When a high percentage of pairs within a major cable (50 pairs or more) are unused, these unused pairs should be grounded out.

**Evaluation:** Voltage on active pairs in cable induces by field effective a capacitance in unused pairs terminated at pin blocks and not grounded out at both ends. This shunt capacitance will gradually build to such a level as to retard the signal on active pairs, especially on teletype circuits. Grounding of these unused pairs eliminates this capacitive effect and consequently eliminates interruption of service to subscribers.

**Recommendation:** All unused cable pairs in major cables should be grounded to a frame, terminal box, or other common ground to eliminate the detrimental effects of shunt capacitance.

**h. Materials:** None

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1. Others: Maintenance

TH-5 Discriminator off Frequency

Observation: Over an extended period of time, it was noted that many teletype outages were corrected when the TH-5's were replaced in the circuit. After extensive checking, it was learned that the discriminator shift was quite far off frequency in most cases.

Evaluation: A system of alignment of the discriminator frequency shift was developed, using the test equipment on hand at most field repair shops. After proper alignment, circuit outages directly connected with the TH-5 malfunctioning, has been drastically reduced.

Recommendation: Alignment of the TH-5 discriminators using this simplified procedure will result in resolving of most problems connected with TH-5's in circuit.

3. Section 3, Headquarters Department of the Army Survey: (Omitted unless specifically required by direction of DA as outlined in para 5b (3), AR 525-15).

1 Incl  
as

WILLIAM B. SHEAVES, JR  
LTC, SigC  
Commanding

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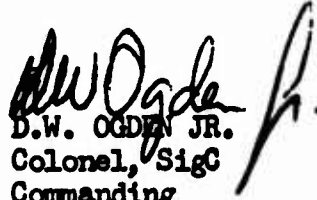
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SUBJECT: Operational Report of the 63rd Signal Battalion (Army)  
for Period Ending 31 January 1970. RCS CSFOR - 65 (R2)

DA, HQ, 12th Signal Group, APO 96308

17 February 1970

TO: Commanding General  
1st Signal Brigade (USASTRATCOM)  
ATTN: SCCPV-OP  
APO 96384

1. Subject report is forwarded in accordance with AR 525-15.
2. The report has been reviewed by this headquarters and is concurred in as indorsed.

  
D.W. OGDEN JR.  
Colonel, SigC  
Commanding

SCCPV-OP-AD (31 Jan 70) 2d Ind

SUBJECT: Operational Report -- Lessons Learned of Headquarters 63d Signal Battalion for Period Ending 31 January 1970, PCS CSFOR-55 (R2)

DA, HQ, 1st Signal Brigade (USASTRATCOM), APO 96384 9 March 1970

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

1. Subject report is forwarded in accordance with AR 525-15.

2. The following comments are made:

a. Reference item "Personnel and Administration", Para 1c(4), Page 4: The awards procedures have since been revised and have eliminated the cited problem.

b. Reference item "Node V, Autodin Terminal Mechanical Backlash", Para 2c(7), Page 11: This is true and experiments were conducted at Qui Nhon, Chu Lai, Camp Eagle and other sites. The higher tension spring not only reduces the reject rate, cleaning and adjustment frequency, but facilitates adjustment of contact closure by maintenance personnel. Recommend spring tension be set at 1.2 pounds to prevent damage to the bail lever. This headquarters is studying the problem further.

c. Reference item "Movement of Van Assemblages", Para 2f(2), Page 11:

(1) The problem of moving vans with missing components would not exist if units would comply with the Brigade policy on operation of devanized equipment. This policy states that devanization must be approved by the Commanding General and a plan for reconstituting the complete assemblage must be developed prior to approval.

(2) A listing of missing components is required to be placed on the inside of the van door.

(3) USARV Regulation 105-16 establishes policy and provides command guidance on the operation of devanized equipment.

d. Reference item "Elimination of Frequency Interference by Carrier Alignment", Para 2g(4), Page 13: It has been found that in many instances operator personnel are reluctant to use the AFC. Where this occurs the usual explanation has been that the AFC does not function properly. It has been found that the AFC's do not work because they are not properly aligned. Emphasis has been placed on the use of AFC's and proper alignment.

SCCPV-OP-AD

9 March 1970

SUBJECT: Operational Report - Lessons Learned of H... Reporters 63d Signal  
Battalion for Period Ending 31 January 1970, RGS CSFOR-65 (R2)

e. Reference item "Maintenance", Para 21, Page 14:

(1) The unit indicates a simplified alignment procedure has been developed for the alignment of the discriminator in the TM-5 but does not include the procedure developed, nor indicate at what level of maintenance it is accomplished.

(2) TM 11-5805-246-35, dated Aug 61, page 30, para 44, outlined a discriminator alignment procedure which is authorized at DS maintenance and is a normal procedure if parameter in paragraph 35, page 22, cannot be met.

(3) If the new alignment procedure is more effective than that listed in the TM, then a DA Form 2028 (Recommended Change to DA Publications) should be prepared and forwarded to: Commanding General, US Army Electronics Command, ATTN: AMSEL-NE-MFP-AD, Fort Monmouth, New Jersey, 07703.

FOR THE COMMANDER:

C. V. BOMBERAINE  
Major, AGC  
Adjutant General

CF:

Commanding General, US Army Strategic Communications Command, ATTN: SCU-  
OPS-RT, Ft Huachuca, Arizona 85613  
Commanding Officer, 12th Signal Group, APO 96306  
Commanding Officer, 63d Signal Battalion, APO 96308

AVHGC-DST (31 Jan 70) 3d Ind  
SUBJECT: Operational Report - Lessons Learned (Headquarters 63rd Signal  
Battalion), Period Ending 31 January 1970, RCS CSFOR-65 (R2)

Headquarters, United States Army, Vietnam, APO San Francisco 96375 2 8 MAR 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

This headquarters has reviewed the Operational Report-Lessons Learned  
for the quarterly period ending 31 January 1970 from Headquarters, 63rd  
Signal Battalion and concurs with the comments of indorsing headquarters.

FOR THE COMMANDER:

  
E. E. NICHOLS  
MAJ, AGC  
Assistant Adjutant General

Cy furn:  
1st Sig Bde  
63rd Signal Bn

SCCP-OP3 (31 Jan 70) 4th Ind  
SUBJECT: Operational Report - Lessons Learned (Headquarters  
63rd Signal Battalion), Period Ending 31 January  
1970, RCS CSFOR-65(R2)

Headquarters, United States Army Strategic Communications  
Command-Pacific, APO San Francisco 96557 24 APR 1970

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

1. Subject report is forwarded in accordance with AR 525-15.

2. This headquarters has reviewed subject report and offers  
the following comments:

a. Reference paragraph 2b, 2d indorsement. Concur  
that this problem should be studied further. The 1st Signal  
Brigade will be requested to submit an Equipment Improvement  
Recommendation (EIR) with sufficient technical data to permit  
further evaluation and research by the designated Department  
of the Army Agency.

b. Concur with the remainder of the report as indorsed.

FOR THE COMMANDER:

  
FRANK C. MAHIN  
COL, GS  
Chief of Staff

CF:  
CG, USARV, APO 96375 (wo incl)  
CG, 1st Sig Bde (USASTRATCOM), APO 96384 (wo incl)  
CO, 12th Sig Gp (USASTRATCOM), APO 96308 (wo incl)  
CO, 63d Sig Bn (USASTRATCOM), APO 96308 (wo incl)

GPOP-DT (31 Jan 70) 5th Ind

SUBJECT: Operational Report of HQ, 63rd Signal Battalion for Period  
Ending 31 January 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 27 APR 70

THRU: Commanding General, US Army Strategic Communications Command,  
Fort Huachuca, Arizona 85613

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:



D.D. CLINE  
2LT, AGC  
Asst AG

CF:  
DA, ACSFOR  
CG, USASTRATCOM-PAC

SCC-PO (31 Jan 70) 6th Ind

SUBJECT: Operational Report of HQ, 63d Signal Battalion for Period  
Ending 31 January 1970, RCS CSFOR-65 (R2)

HQ, US Army Strategic Communications Command, Ft Huachuca, AZ 85613  
4 MAY 1970

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

This headquarters concurs in subject report as indorsed.

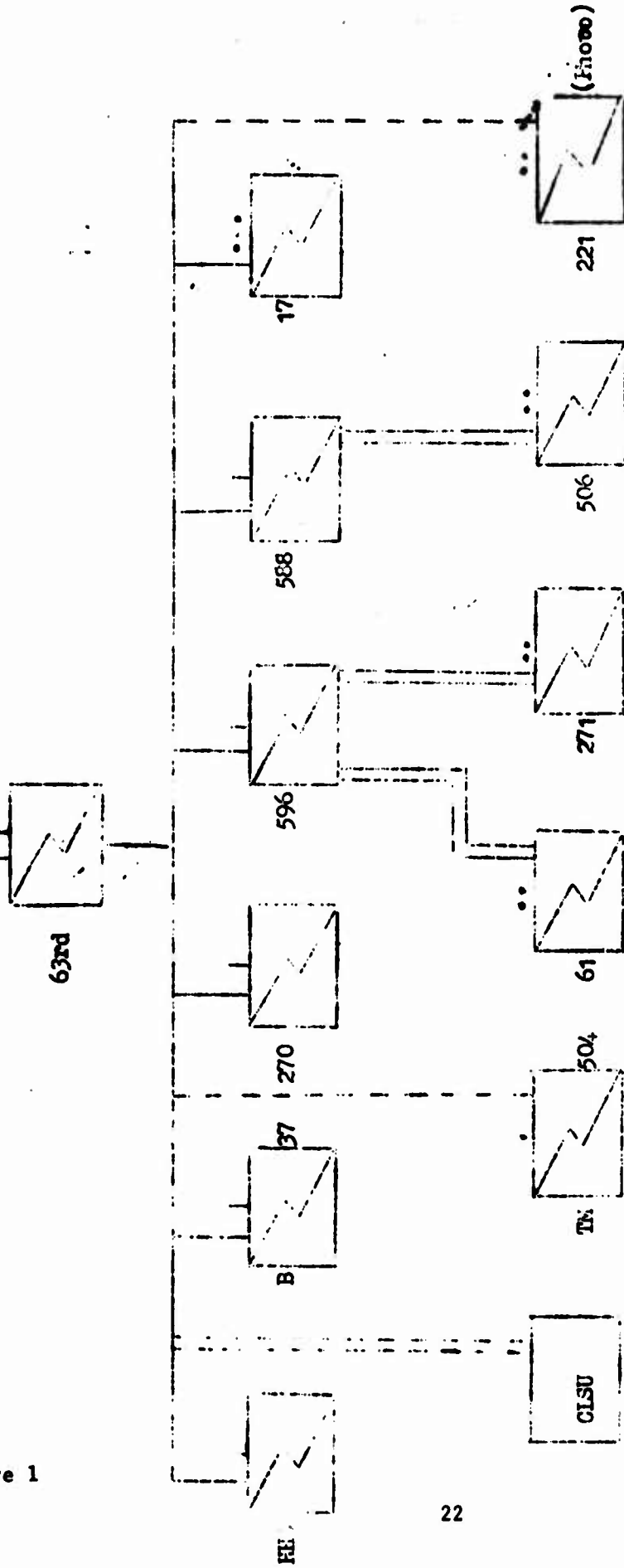
FOR THE COMMANDER:

*M. G. Alderson*

for  
W. O. POLSTON  
Maj, AGC  
Asst Adj Gen

Inclosure 1

ORGANIZATION CHART



— Assigned

- - - Attached for rations and quarters

- · - · - Attached for rations and motor maintenance

==== Attached for rations, quarters, administration and military justice

UNCLASSIFIED

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