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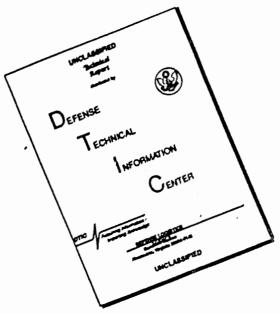
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DEPARTMENT OF THE ARMY OFFICE OF THE ADJUTANT GENERAL WASHINGTON, D.C. 20310

AGDA (M) (22 Aug 69) FOR OT UT 692264

15 September 1969

SUBJECT: Operational Report - Lessons Learned, Headquarters, XXIV Corps Artillery, Period Ending 30 April 1969 (U)

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DEPARTMENT OF THE ARMY HEADQUARTERS, XXIV CORPS ARTILLERY APO San Francisco 96308

AVII-ATC

15 May 1969

SUBJECT: Operational Report of XXIV Corps Artillery for Period Ending 30 April 1969 RCS - CSFOR - 65 (U)

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1. (C) Section 1 Operations: Significant Activities.

a. Organization.

(1) Effective 16 Feb 69 with publication of XXIV Corps GO 373, 23 Apr 69, 1st Bn, 83d Artillery (8"/175) and 2d Bn, 138th Artillery (155SP), previously assigned to XXIV Corps, were attached to XXIV Corps Artillery.

(2) On 7 Mar 69, Battery B, 8th Bn, 4th Artillery, previously under OPCON of HQ, III Marine Amphibious Force in Southern I Corps Tactical Zone, was returned to XXIV Corps control. Official change of status occurred at 071600H Mar 69. The battery was initially positioned at Dong Ma.

(3) On 20 Apr 69, 5th 155 Gun Btry (FMF), under OPCON of 108th Artillery Group, was officially redesignated 5th 175 Gun Btry (FMF). No change in status was made. Gross training of USMC personnel in matters of maintenance, prescribed load list, fire direction, and firing battery operations was accomplished prior to January 1969 by 108th Artillery Group using Army 175mm guns. All six USMC 175mm guns were operational on 20 April. No change was made in the two 8" self-propelled howitzers sections included in the battery or in the organizational structure of the unit.

(4) On 13 April, Btry B, 2d Bn, 94th Artillery changed tubes from 175mm to 8" completing a transition of the battalion to all 8" howitzers. The battery was moved south to the 101st Airborne Division area of operations.

b. Significant Activities.

1. Unit Actions. The 101st Airborne Division, 3d Marine Division (Reinforced), and 1st ARVN Division continued search and destroy, cordon and search, reconneissance in force (RIF), rice denial and pacification support operations during the reporting period. The enemy's post Tet offensive

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began 23 February with increased activity, attacks on military and population centers, and more agressive actions in the Area of Operations. In general, enemy activities caused no significant changes in US or ARVN plans and operations. XXIV Corps Artillery participated in combat operations 89 days during the reporting period.

(a) 101st Airborne Division (Air Mobile). Operations in progress at the beginning of the reporting period included: OHIO RAPIDS, a joint probe and reconnaissance in force south and west of Base Area 101 by 3d Bde, terminated 28 February; PLATTE CANYON, an air/overland assault and fire base construction operation into the Ruong Ruong Valley (area of operations extension into Quang Nam Province) by 1st Bde, in progress on 1 February and terminated 5 February 69; SHERMAN PEAK, a probe and RIF south of Bastogne (YD6109) and Veghel (YD5503) by 2d Bde, terminated 9 February 69. Other operations during the reporting period included: SPOKANE RAPIDS. a RIF operation ir Base Area 114 by 1st Bde, 20 February to 3 March; MASSA-CHUSETTS STRIKER, an air assault, RIF, search and destroy operation in the southern A Shau Valley and adjoining terrain to the south and east, by 2d Bde, started 1 March and is still in progress; BRISTOL BOOTS, a land assault by 1st Bde into the Ruong Ruong Valley (Area of Operations extension into Quang Nam province) started 25 April and is still in progress. All major operations were conducted jointly with ARVN units. BRISTOL BOOTS was preceded by a series of cover and deception artillery raids using divisional units plus Bty B, 2d Bn, 138th Artillery, Btry C, 2d Bn, 138th Artillery, Btry B, 1st Bn, 83d Artillery and Btry C, 1st Bn, 83d Artillery, The raids consisted of moves into forwarded positions in the vicinity of Quick II (YC8999) by self propelled units with concurrent hasty air lift occupation of forward bases by division 105mm units. Firing was done on a scheduled basis following which the units were extracted. The pattern was repeated to accustom the enemy to expect the raids without follow-up maneuver force assaults. The division began a program of constructing an extensive series of mutually supporting fire bases throughout the area of operation. Ten and two thousand pound "daisy cutter" bombs were frequently used. The purpose of the program is to permit rapid deployment of artillery and maneuver forces anywhere in the area of operation without the time consuming effort required to construct cleared bases.

Corps artillery units supported division operations from Hill 88 (AU8000), Tomahawk (ZD1101), Roy (ZD0503), Anzie (YD9307), Quick I(YD9003), Quick II (Y08999), Jeannie (YD5539), Gia Le (YD8315), Phu Bai (YD8813), Bastogna (YD6109), Panther II, (YD7911, Boyd (YD7413), Birmingham (YD7010), Blaze (YD5302), Thor (Y06683), Evans (YD5332), Nancy (YD4339), Sally (YD6427), Hank (Y09188), Fist (YC8884), T-Bone (YD6520), Jack (YD4928), Beach (AT8798), and Cannon (YD4703). In general, artillery operations in the division area of operations became increasingly dispersed during the reporting period. This was due to the completion of the roads into the Ruong Ruong Valley and from Bastogne to Blaze. Continued expansion is

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forecast as the road into the A Shau Valley is completed. Btry A, lat Bn, 83d Artillery was able to move 6 km beyond Blaze toward the A Shau Valley into new FSE Cannon at the end of the reporting period.

(b) 3d Marine Division (Meinforced). Operations in progress at the beginning of the reporting period included: DENEY CANVOI by Task Force Hotol in the northern A Shau-southern Da Krong Valley area, terminated 18 March 69, supported by Btry (, 1st Bn, 83d Artillery from Jack (YDh,928) with a liaison term from the battery at FSB Cunningham (YD1813); 11.RSH/LL NOUNTAIN by 1st Bde, 5th Infantry Division (Nechanized) in the coastal plain from Cua Viet south to the province boundary and inland to include Base Area 101, terminated 28 February 69; DAUSON RIVAR by 9th Marines in the area south of Highway 9, torminated 28 February 69; SCUTLIND II by lith Marines in the area north of Highway 9, terminated 28 February 69; KENTUCKY by 3d Herines (-) and 2d LAVN Bn in the northeast corner of the area of operations, terminated in mid-February. Also in mid-February the 2d Bn, 3d Harines, 3d Bn, 3d Harines, two batteries of 2d Bn, 12th Harines and 2d Provisional Battery roturned from operation TAYLOR COMON in 1st Marine Division area of operations. The 3d Marines then started DANSON RIVER WEST, in the west central part of the 3d Marine Division area of operations, ending the operation in late February. In late Mabruary, the three Marine 155mm Provisional Batteries were all reorgan-Exed as 4-howitzer batteries and one battery each was place under OPCON of the direct support battalions. Other operations during the reporting period included: FURPLE HARTIN by 4th Marines (-) in the IN corner of the area of operations, started 23 February and still in progress at the end of the reporting period; ELLIS RAVINE by elements of 1st Bda, 5th Infantry Division (Hechanized) and 2d ANVI Regiment, traversing the Ba Long Valley from Ca Lu east, 8-15 April 69; HONTANA MAULER by elements of 3d Marines, 1st Bdd, 5th Infantry Division (Mechanized) and 2d ARVN Regiment in the eastern DIZ area, 23 Harch - 3 April 69; HADE CRAG by two battalions of 3d Harines under Task Force Hotel, in the upper Da Krong Valley area, started 15 March and still in progress at the end of the period. On 18 March, Biry C, 1st Bn, 40th Artillory was committed in support of Task Force Remagen, under Task Force Hotel, for a fast moving RIF operation in the area from Khe Sanh west to the Laotian border, and south to the limits of the Vietnam salient. Haneuvor elements were from lst Bdo, 5th Enfortry Division (Hochanized). The operation was unusual in that the battery moved with the armored infantry forces throughout the operation, ostablishing temporary firing positions wherever required. D-tails of the artillery part of the operation are covered in the operational report of 1st Bn, 40th Artillery. The unit took moderatoly heavy casualties in several attacks by HVA units.

Corps Artillery units supported 3d Marino Division (Reinforced) operations from A2 (YD2174), A4 (YD1170), C1 (YD2167), C2 (YD1354), Elliot Combat Base (ND9854), Dong Ha (YD2259), Hancy (YD4339), Vandogrift Combat Base (XD0049), Cates (XD9243), Jack (YD4920), Snapper (XD6434), Saigon (XD6227), and many temporary positions occupied during operations with Tack Force Remagen. Btry C, 1st Bn, 40th Artillery provided supporting firms to the Mai Loc

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Special Forces Team from 12-16 Harch. The USEC 105mm LVTH Battery, 1st Armored Amphibicus Bn, in support of Task Force Clearwater, permanently departed the division area of operations on 28 April. Btry C, 1st Dn, 40th Artillory returned to Dong Ha on 29 April, when Task Force Remagom was disbanded, in preparation for assuming the role of providing fire support for Task Force Clearwater (Cua Viet), on h May.

(c) 1st ARVN Division. All major US operations in the 101st Airborne Division area of operations and many US operations in the 3d larine Division area of operations were joint operations with 1st ARVN Division forces. With one nimor exception, throughout the entire reporting period, 1st ARVN Division Artillery units were deployed as full batteries in roles consistent with US crtillory principles. 2d ARVNI Regiment maintained on area of operations generally bordered by the 15 15 grid line-highway 9-South China Sec-ILZ. ARVI artillory units in this area supported the 2d ARVI Regiment, with Corps Artillery units providing reinforcing fire support. 54th ANVH Regiment maintained its area of operations in the Vinh Loc and Pau Vong coastal plain districts, conducting oporations in support of the pacification and rice denial programs. 3d ANNI Regiment continued its Educion of security for Hue and RIF operations in its area of operations 000% of Hue. 1st ARVN Regiment conducted socurity, pacification and rice Carlel operations east of Hue and MIF operations in Base Area 101, 1st 1.334 Division Artillery units were deployed on many fire bases in the area of operations, including Sabre (YD6918), Pistol (YC9090), Son (20) 4701.), Darbara (YD3233), Geronimo (YD6920), Whip (YC5968), Hener (YD4339), Eat Len (YD4147), A2 (YD2174), C1 (YD2167), C2 (YD1364), Phu Loc (ZD0300), Thong Plan (YD5234), Quene Dien (YD6733), Sword (YD4231), Lighting (YD2177), Turnage (IDELO9), Torch (XD9027), Saigon (XD8277), Dong Ha (YD2660), and covoral bases in Base Area 11k.

(2) Forward Observers and Liaison Officers. At the ond of the roporting pariod, Corps Artillery units were providing Forward Observer/Liaison Officer parties as follows: lost Airborne Division 6, 3d Marine Division 6, lat Addi Edvision 12, AUVN convoy support 1 (on call), Phu Bai Base Defense 2, Fou Bax Base Defense 3 (on call), Mai Lee Special Forces Team 1; Total 31,

(3) Battle Damage Assessment. BDA for Corps Artillery units during the reporting period is listed below.

PARGENE TRSCRIPTION	DESTROYIED	DATAGED	TOT/L
Suractures	13		19
Roombriume	ì	0	1
Automatic Heapons	n	0.	ш
Bridgos	2	1	3

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TARGET DESCRIPTION	CONFIRMED	PROBABLE	TOTAL
Lbemy Personnel KIA	108		137
Secondary Explosions			76
Secondary Fires			2
Trunch Line Destroyed			1685 motors
Mortars Silonced			2
Automatic Weapons Silance	ed		2

(4) Firing Battory Inspection Team (FBIT). At the end of the reporting poriod, the FBIT completed its first six months of operation. At the beginning of the period and at the request of the Commanding Officer, 101st Airborne Division Artillery, the FBIT began i spections of Division Artillery units. In April, the inspections were further expended to include 12th Marines, Fleet Marine Force, and 1st ARVN Division batteries. Modified Inspections of battalion Fire Direction Centers were also started, using only one inspector. The purposes of battalion Fire Direction Center inspections are essentially the same as those applicable to battery inspections: to provide an outside-agency evaluation of the Fire Direction Center, to identify areas of strength and weakness, to upgrade gunnery procedures, and to reduce friendly fire incidents by emphasizing the double check system. Additionally, 12th Marine units use the battclion Fire Direction Conter as primary, while the batteries act as secondary check Fire Direction Centers. About 3-4 FBIT inspections are conducted each week. The FBIT continues to be a valuable tool for maintaining high standards and proficiency, and for collecting and disseminating good ideas for improvement in firing battery, fire direction, and local security matters.

(5) Forward Observar/Fire Direction Officer School. During the reporting period, the XXIV Corps Artillery Forward Observer/Fire Direction Officer School continued conducting courses on the basis of one Forward Observer and one Fire Direction Officer school per month.

(6) Artillery Air Warning System. On 19 December 1968, XIV Corps Regulation 385-1, Safeguarding Aircraft From Hazards Due to the Delivory eX Supporting Fires, was published. This regulation, written by Corps Artillery, established Air Warning Control Centers (ANCC) operating in Jocal (usually Drigade) areas on Wilnets for advising helicoptors of artillery hezards. The Air Warning Control Centers report all fires to an Air Warning Control Center Central which passes information to air traffic agencies and contacts fixed wing or fast moving airfraft on a UHF net. The system is established within a division area. XXIV Corps Artillery operated the LOIst Aircorne Division Air Warning Control Center Central until 19 Harch because of the existence of a residual communications not previously established for the USMC DASC under Task Force X-RAY before that element departed the XXIV Corps in the summer of 1968. On 19 Harch, the loist Airborne Division established its oun Air Warning Control Center Central at Camp Eagle, and the XXIV Corps Artillery Central was permanently disbanded.

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(7) Automatic Weapons Employment. During the reporting period, requests for automatic weapons support from the divisions increased, primarily because of Task Force Remagen and more ground operations in 3d Marine Division Area of Operations and the extension of reads into the Ruong Ruong Valley and towards the A Shau Valley in 101st Ariborne Division Area of Operation. To assure an equitable distribution of automatic weapons assets to the divisions, Corps Artillery made a study of the use, employment and needs for 1M2 Twin 40mm "dusters" and M55 Quad 50MG weapons. The current disposition of units has one NM2 battery at Phu Bai (YD8814), and three M42 batteries in the Dong Ha area; the M55 battery, G/65th Artillery, is also in Dong Ha. The study resulted in the following conclusions or decisions:

(a) Priority of daylight employment of 142s was and would remain as follows:

- 1. Mine swoop
- 2. Combat support/reconsistance in force operations
- 3. Position defense
- 4. Convoy escort

(b) Priprity of daylight employment of M55's was and would remain as follows:

Sug

- 1. Convoy escort
- 2, Combat support/recommendations in force operations
- 3. Position defense
- 4. lino swoop

(c) The normal means of night employment for both Eh2/155 weapons is for a fixed location defense, either near but not on a perimeter or as part of a mobile praction force.

(d) The current disposition of automatic weapons assets is 6-Mh2 and 2435 for Phu Bai Base Defense, 2-Mh2 and 2-M55 committed outside the Garps Area of Operations, and the remaining assets distributed a little better than 2 to 1 in favor of 3d Harine Division over 101st Airborne Division. This distribution is consistent with the termin and read nots in each Area of Operations and will remain generally the same, at locst until the 101st Airborne Division has installations in the A Sheu Valley.

(c) For special or limited operations, automatic weapons assets for the 101st Airborno Division will be provided by dispatch of task forces from the Dong Ha area. 1st En, With Artillery will coordinate and handle dispatch of task forces and distribution of Automatic Weapons assets.

(f) The weapons committed to Phu Bai base defense will remain at that location except for an emergency need elsewhere.

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(g) No attempt to position automatic weapons to meet an enemy high performance aircraft threat is reasonable or feasible.

(8) Heavy Artillery Dispositions and Tube Configurations. With roturn of Btry B, 8th Dn, 4th Artillery (175mm) and the acquisition of 6 - 175mm guns in 5th 175 Gun Btry, the balance of heavy artillery was overweighed in favor of 175mm guns versus 8" howitzers. Accordingly, Btry B, 2d Bn, 94th Artillery was retubed to 6" and moved south to the 101st Airborne Division area of operation, where maneuver force operations were expanding over a considerably greater area.

(9) Heavy Artillery Gun Pad Construction. In Dec 68, a program of construction of permanent gun pads at fire support bases where present and future operational needs for heavy artillery could be anticipated was indicated. The program was continued throughout this reporting period. Permanent pads are now available at the following locations in the numbers indicated: h-Gia Le, 8-Bastogne, 8-Dong Ha, h-Cl, 2-A3, h-Ah, h-C2, 10-Exhibit Combat Base, h-Mancy, 12-Camp Carroll, h-Vandegrift.Combat Base, h-Roy, h-Boyd, h-Blaze, h-Sally.

(10) FADAC, An intensified program to increase the number of FADACs operational in Corps Artillery has been initiated. Prior to the program, an average of about 5 FADACs were inoperative each day. On 13 April, for the first time since formation of XXIV Corps (formerly Provisional Corps Vietnam), all 25 FADACS in XXIV Corps Artillery were operational. Since that thue, the average number of inoperative FADACs has been approximately 2 each day.

(11) CMMI Team. The XXIV Corps Artillery CMMI Team, established in Dec 68, continued its inspections of Corps Artillery units at the rate of about five inspections per week.

2. (C) Section 2, Part I, Lessons Laarned, Commander's Evaluations and Recommendations.

a. Parsonnel, None.

b. Operations. Item: Base Ejection Smoke Missions.

(1) Obsarvation: The graze burst point of impact for complete base ejection smoke rounds is not the same as the high explosive point of impact, evan though the firing tables are theoretically the same for both rounds; the terrain in the Corps Area of Oparations causes smoke canisters to come to rast well short of the graze burst point for a complete smoke round.

(2) Evaluation: It is quite common for the initial round in observed fire missions to be base ejection moke. Once the snoke round is observed at an apparently safe location, the observer changes to shell high explosive and continues his adjustment. Several recent friendly fire incidents have indicated a serious problem in changing shells. The same firing tables are used for both base ejection moke and high explosive projectiles, though the data applies to a grass burst (fuse action) for the snoke round. It is

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generally recognized that the two second cut back on the time setting for a graze burst will cause the canisters to eject about 200 meters in the air. The canisters can be expected to fall short of the point where a graze burst would occur. In open, flat, hard terrain, the canisters will bounce almost to the graze burst point. The terrain and vegetation here, however, habitually cause the canisters to come to rest well short of this. Very limited test firing indicates that the canisters stop short of the graze burst point by more than 100 meters for 155mm charge 7 and by about 200 neters for 105mm charge 7. This, in itself, has required special attention and training.

The fact that the consistors fall short of the graze point is not the only problem. Although the base ejection smoke and high explosive rounds are theoretically equivalent, the high explosive round apparently achieves a greater range than the complete smoke round when fired at the same quadrant elevation. Limited test figures for charge 7 show that the high explosive travels between 100 and 200 meters beyond the HC round for both, calibers.

In March, this headquarters sont a letter on this subject to the Artillery Board at Fort Sill. A reply indicated that Firing Table Branch, Fallistics Research Laboratories, Abordeen Proving Ground had been studying the problem for about one year. Unofficial preliminary data has been published for all artillery units in Ghange 1 to the XXIV Sorps SOP.

(3) Recommendation: That the general nature of this problem be brought to the attention of all howitzer units, along with any available official preliminary data on the magnitude of the range differences ach eved by the two projectiles.

c. Training. None.

d. Intolligence. Itom: Hotro Section Augmentation.

(1) Observation: here sections in the XXIV Corps Area of Operations are frequently called upon to furnish visual terms to extend metro coverage to membrainous regions where electronic sections either cannot be employed or are unavailable for employment. When the terms are thus deployed the electronic section is immediately placed under-strength in personnel. The visual term also requires a second barometer which is not usually part of the section's authorized equipment. Once in operation, the visual term frequently finds itself blocked from making measurements of the winds aloft by intervening cloud decks. After obtaining their data, the term must communicate with the electronic section which is located some distance away and must use radio to send its data. The metro section does not have a second radio which is necessary for this communication.

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(2) Evaluation: With the addition of 4 metro computers, a barometer, and radio, the metro section would be able to deploy a visual team at any time it is required to do so. The visual team could also obtain allweather capability for wind measurement if it was equipped with a miniaturized radio direction finder or radar capable of tracking a small balloon. Since this visual team will be faced with resupply limitations, the weight of their equipment and expendables must be kept at a minimum. To save weight in balloon gas supply, a small balloon. This will require a small balloon borne transmitter (if the radio direction finding method is elected). Such a transmitter should not be fifficult to produce since temperature and densities could be obtained by taking a surface virtual temperature measurement and trending it to meet the electronic station's virtual temperature curve at an altitude of 2000 meters using the mountain met technique.

(3) Recommendations:

(a) That the Tables of Organistion and Equipment of all metro sections' which may operate in mountainous areas in Vistnam be:

1. Increased by four metro somputors.

2. . Issued an additional baromoter and radio.

(b) That a miniaturized radio direction finder or radar be developed for use with a small transmitter capable of being borne aloft by a small billoon. The system should be capable of providing angular data and/or slant range for upper wind directions and speeds and should have this capability for up to 12 kilometers of height.

e. Logistics. None.

f. Organization. None.

g. Signal. Item: Field Expedient Power Supply.

(1) Observation: There is a shortage of power supplies for radio sets AN/VRC-46 and AN, VRC-47 when mounted in a fixed installation such as a bunker or command post. Hormally, power supply PP-2953 is used to perfor these radios when in fixed configuration, but the PP-2953 is in short supply in Vistacm.

(2) Discussion:

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(a) A field expedient power supply can be constructed using Radio Receiver AN/GRR-5, which is available in most artillery units. This power supply requires no changes to the Receiver AN/GRR-5, is simple to construct, and can be made from parts readily available in Vietnam.

(b) Required parts include: Radio Receiver AM/GRR-5, four diodes, two vehicle batteries, and some single conductor copper wire.

(c) The AN/GUR-5 is used because its T-1 transformer will step down 115 volts (input in a fixed installation) to 28 Volte. This is the only part of the AN/GER-5 that is used and any transformer that will step 115 Volus down to 28 Volto will work just as well.

(d) Once the voltage has been reduced, it must be converted from alternating current to direct current. This is accomplished by a bridge rectifier constructed from the four diodes (Soo inclosure 2).

(e) The result is a slightly pulsating direct current which is then fed into the batteries which have been connected in series. The batteries act as a filter for the fluctations in current from the bridge rectifier. (Actually the batteries power the radio; the AN/GRR-5 and bridge rectifier only maintain the charge in the batteries).

(f) The radio mount (NT-1029) is powered directly off the batteries.

(3) Recommendations:

(a) That all units which have shortages of power supplies for tactical radio sets in fixed configurations consider the use of this field expedient power supply. One has been in constant use in HHB, XXIV Corps Artillery for a period of almost two months with no trouble.

(b) That any unit which wishes to use this field expedient attempt to obtain a transformer to step 115 Volts down to 28 Volts before using the transformer in AN/GRR-5. Use of the AN/GRR-5 will cause no damage to the radio sot but it is more desirable not to chan; e the intended configuration of the radio unloss it is absolutely necessary.

2 Incl WITY Corps Arty Crachizational Chart

2 Bridge Rostifier Incl 1 and 2 wd Hq, DA

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AVII-GCT (15 May 69) 1st Ind SUBJECT: Operational Report of XXIV Corps Artillery for Period Ending 30 April 1969, RCS-CSF OR-65

DA, HQ, XXIV Corps, APO'96308 1 2 JUN 1969

TO: Commanding General, United States Army, Vietnam, APO 96375

1. The ORLL of XXIV Corps Artillery has been reviewed at HQ, XXIV Corps and is forwarded in accordance with USARV Reg 525-15.

2. Concur with commander's observations, evaluations and recommendations with the added comment. Section 2, para 2g(3), page 9. The AN/GRR-5 as a "field expedient" power supply should only be used when a proper power supply is on requisition or is in repair.

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FOR THE COMMANDER:

CPT,AGC ASST AG

AVHGC-DST (15 May 69) 2d Ind

SUBJECT: Operational Report of XXIV Corps Artillery for Period Ending 30 April 1969 RCS - CSFOR - 65 (U)

HEADQUARTERS, UNITED STATES ARMY, VIETNAM, APO San Francisco 96375 3 JUL 1865

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 1969 from Headquarters, XXIV Corps Artillery.

2. Reference item concerning "Metro Section Augmentation", section II, page 8, paragraph d(1); nonconcur. DA standardization policy would require change to the TOE for all metro sections if this recommendation were approved. A request for temporary loan of equipment should be submitted by metro units in mountain regions required to furnish visual teams to extend metro coverage. A miniaturized radio direction finder or radar could be developed under the ENSURE program. USARV Regulation 70-1, dated 17 April 1969, establishes procedures for initiation and submission of requirements for developmental and nonstandard items of new materiel under the provisions of AR 71-1. Unit will be advised of above comments.

FOR THE COMMANDER:

C. D. WILSON 1LT, AGC Assistant Adjutant General

Cy furn: IXIV Corps Arty -IXIV Corps

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GPOP-DT (15 May 69) 3d Ind (U) SUBJECT: Operational Report of HQ, XXIV Corps Arty for Period Ending 30 April 1969, RCS CSFOR-65 (R1)

HQ, US Army, Pacific, APO San Francisco 96558 8 AUG 69

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

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

2. Reference paragraph 2g. This type field expediency must be considered in light of its implications. Even minor modifications to TOR items, in this case the AN/GRR-5, either delete, or at best reduce, its capability to perform its primary function in the organization. The recommended use of the AN/GRR-5 as a field expedient fixed station battery charger for the AN/VRC-46 and 47 (as an alternate for the PP-2953) is most applicable in Vietnam. However, the modification, or expediency, must be a command decision versus an accepted and standard alternate solution.

FOR THE COMMANDER IN CHIEF:

L SHORT CPT. AGC Asat AG

Cy furn: CG USARV

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