<table>
<thead>
<tr>
<th>AD NUMBER</th>
</tr>
</thead>
<tbody>
<tr>
<td>AD389970</td>
</tr>
</tbody>
</table>

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AGO ltr 29 Apr 1980 ; AGO ltr 29 Apr 1980
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AGAM-P (M) (17 Apr 67) FOR OI

21 April 1967

SUBJECT: Operational Report - Lessons Learned, HQ, 6th Battalion, 27th Artillery

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1. Forwarded as inclosure is Operational Report - Lessons Learned, Headquarters, 6th Battalion, 27th Artillery for quarterly period ending 31 January 1967. Information contained in this report should be reviewed and evaluated by CDC in accordance with paragraph 6f of AR 1-19 and by CONARC in accordance with paragraph 6c and d of AR 1-19. Evaluations and corrective actions should be reported to AGSFOR OT within 90 days of receipt of covering letter.

2. Information contained in this report is provided to the Commandants of the Service Schools 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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KENNETH G. WICKHAM
Major General, USA
The Adjutant General

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SECTION I

SIGNIFICANT RECONNAISSANCE OR UNIT ACTIVITIES

1. (a) Administration and Personnel.

101. Assistant Chief of Staff for Force Development

United States Army

Washington, D.C., 20310

Commanding General

11th Field Force Vietnam Artillery

AVP-FA-C

AR 96558

02 MAR 1967

Commanding Officer

214 Artillery Group

AVP-FA-C

AR 96558

17 FEB 1967

SCL/THS

Assistant Secretary of the Army

Department of the Army

Washington, D.C., 20310

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7 February 1967

SUBJECT: Operational Report-Lessons Learned (RCS-OSFOR-65) (U)

a. The 6th Battalion, 27th Artillery, remains assigned to the 23d Artillery Group.

b. Normal SI activities have been conducted during the period 1 November 1966 through 31 January 1967.

c. Personnel strength of the command on 31 January 1967 was:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>TOE AUTH</th>
<th>MTOE PENDING</th>
<th>ASSIGNED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OFF</td>
<td>NO</td>
<td>EM</td>
</tr>
<tr>
<td>Headquarters Battery</td>
<td>21</td>
<td>1</td>
<td>157</td>
</tr>
<tr>
<td>&quot;A&quot; Battery</td>
<td>4</td>
<td>0</td>
<td>110</td>
</tr>
<tr>
<td>&quot;B&quot; Battery</td>
<td>4</td>
<td>0</td>
<td>110</td>
</tr>
<tr>
<td>&quot;C&quot; Battery</td>
<td>4</td>
<td>0</td>
<td>110</td>
</tr>
<tr>
<td>Service Battery</td>
<td>3</td>
<td>3</td>
<td>68</td>
</tr>
<tr>
<td>TOTALS</td>
<td>36</td>
<td>4</td>
<td>591</td>
</tr>
<tr>
<td>TOTALS (less TOE Battery &quot;B&quot;)</td>
<td>32</td>
<td>4</td>
<td>481</td>
</tr>
</tbody>
</table>

* Battery "B", 6th Battalion, 27th Artillery attached to 2nd Battalion, 94th Artillery for administration and logistics under the provisions of para 1, GO 6524, HQ, USAV, dated 27 November 1966.

d. Critical MOS shortages:

(1) Two Radio Teletype Operators (MOS 0520): Considered critical because of the tactical need for rapid, teletype communications. OJT personnel are not suitable replacements when the level of skill required, long training period and time-consuming clearance procedures are considered.

(2) Senior Metro Computer (MOS 93F20): Considered critical because of operational requirements, i.e., accuracy of artillery fires predicated on meteorological input data.

(3) Other MOS shortages can be resolved by intra-organizational readjustments.
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AVGI-YO
7 February 1967

SUBJECT: Operational Report-Lessons Learned (RCS-GMPOR-65) (U)

e. Personnel changes during this quarter include:

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAINS:</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>LOSSES:</td>
<td>OFF</td>
</tr>
<tr>
<td></td>
<td>5</td>
</tr>
</tbody>
</table>

f. Casualties included:

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Killed in Action</td>
<td>0</td>
</tr>
<tr>
<td>Wounded in Action</td>
<td>0</td>
</tr>
<tr>
<td>Missing in Action</td>
<td>0</td>
</tr>
<tr>
<td>Non Battle Dead</td>
<td>0</td>
</tr>
<tr>
<td>Non Battle Casualties</td>
<td>0</td>
</tr>
</tbody>
</table>

g. During this reporting period, Awards and Decorations presented to members of this command included:

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>Legion of Merit</td>
<td>1</td>
</tr>
<tr>
<td>Bronze Star</td>
<td>1</td>
</tr>
<tr>
<td>Air Medal (Merit)</td>
<td>5</td>
</tr>
<tr>
<td>Air Medal (CLC)</td>
<td>9</td>
</tr>
<tr>
<td>Army Commendation Medal</td>
<td>3</td>
</tr>
</tbody>
</table>

NOTE: In addition to these awards, 24 recommendations for awards have been submitted and are pending approval by USARV.

h. R & R Program schedules include the following:

(1) The in-country R&R consisting of three-day passes to Vung Tau have been utilized by 70 personnel.
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SUBJECT: Operational Report—Lessons Learned (RE3-CSFOR-65) (U)

(2) The out-of-country R&R included the following five-day quotas:

<table>
<thead>
<tr>
<th>LOCATION</th>
<th>NOV</th>
<th>DEC</th>
<th>JAN</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Bangkok</td>
<td>4</td>
<td>4</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Tokyo</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Manila</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Hong Kong</td>
<td>6</td>
<td>4</td>
<td>5</td>
<td>15</td>
</tr>
<tr>
<td>Taipei</td>
<td>2</td>
<td>4</td>
<td>3</td>
<td>9</td>
</tr>
<tr>
<td>Singapore</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Kuala Lumpur</td>
<td>1</td>
<td>1</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Penang</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Hawaii</td>
<td>2</td>
<td>1</td>
<td>5</td>
<td>8</td>
</tr>
</tbody>
</table>

i. Unit mail clerks pick up and deliver mail from the nearest APO.

APO numbers for the units are as follows:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>APO</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headquarters Battery</td>
<td>96289</td>
</tr>
<tr>
<td>&quot;A&quot; Battery</td>
<td>96370</td>
</tr>
<tr>
<td>&quot;B&quot; Battery</td>
<td>96269</td>
</tr>
<tr>
<td>&quot;C&quot; Battery</td>
<td>96289</td>
</tr>
<tr>
<td>Service Battery</td>
<td>96491</td>
</tr>
</tbody>
</table>

j. Judicial and Non-Judicial actions by units included:

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<table>
<thead>
<tr>
<th>UNIT</th>
<th>ARTICLE 15</th>
<th>SUMMARY COURT</th>
<th>SPECIAL COURT</th>
<th>GENERAL COURT</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headquarters Battery</td>
<td>14</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>&quot;A&quot; Battery</td>
<td>3</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>&quot;B&quot; Battery</td>
<td>NVAL</td>
<td>NVAL</td>
<td>NVAL</td>
<td>NVAL</td>
</tr>
<tr>
<td>&quot;C&quot; Battery</td>
<td>16</td>
<td>0</td>
<td>1</td>
<td>0</td>
</tr>
<tr>
<td>Service Battery</td>
<td>1</td>
<td>0</td>
<td>1</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>34</td>
<td>0</td>
<td>2</td>
<td>1</td>
</tr>
</tbody>
</table>

"Battery "B", 6th Battalion, 27th Artillery attached to 2nd Battalion, 94th Artillery for administration and logistics under the provisions of para 1, GO 6524, HQ, USARV, dated 27 November 1966.

k. Pertinent medical service statistics include:

- Total patient visits (unit personnel) 1011
- Admitted to Hospital 83
- Evacuated within the country 43
- Evacuated out of country 1
- Malaria cases 0

l. Reportable accidents included:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>VEHICLE</th>
<th>AIRCRAFT</th>
<th>PERSONNEL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Headquarters Battery</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>&quot;A&quot; Battery</td>
<td>1</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>&quot;B&quot; Battery</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>&quot;C&quot; Battery</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Service Battery</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>
CONVOY:

SUBJECT: Operational Report—Lessons Learned (RCS-CSFOR-65) (U)

m. Improvement of living conditions through the rapid and well planned building program has contributed significantly to maintaining high morale. Additionally, the RCP activities (reference para 4a, Part I, Observations) affords personnel the opportunity to maneuver in areas outside the constrained base camp. The change of geographical position and the opportunity to see unfamiliar terrain has enhanced, decisively, the morale of the Battalion.

n. Educational opportunities for personnel are provided through the 31 Section by USAF extension courses.

o. Protestant and Catholic services are held at the Phuoc Vinh Community Chapel on a weekly basis.

2. (C) Intelligence.

a. Inspections of each subordinate unit within the Battalion were conducted during the reporting period. These inspections included checks on the security of classified information, physical security and counter intelligence. A SABDA briefing was given in conjunction with these inspections.

b. In order to improve the quality of intelligence information within the area of operation, a series of meetings were conducted for the Battalion organic observers, aviators and intelligence personnel. Representatives from other units within the base camp, Special Forces detachments within the area of operation and local Air Force FAC also attended. Round table discussions are held at these meetings to discuss all aspects of intelligence nature. These meetings have resulted in a closer working relationship among the personnel who attended; information is passed at more frequent intervals, resulting in a better understanding of the intelligence situation for all units.

c. Each organic observer has been assigned a specific zone of observation. This system allows the observer to become intimately familiar with his assigned zone and increases his ability to detect even minor changes in the area.

3. (C) Training.

a. On the job training and individual cross training continued in all units of this Battalion. Specialists test for gunners and fire direction personnel were conducted bimonthly. Proficiency and morale showed...
SUBJECT: Operational Report-Lessons Learned (ECS-OSFOR-65) (U)

a marked decrease during recent tests. Training in direct fire for both the "U" and 175mm was completed on 4 January 1967. Each section fired fifteen (15) rounds in direct fire.

b. Because of the large turnover of personnel in the Battalion, a comprehensive unit training program was conducted. The Battalion headquarters administered two modified MTT's to "C" Batteries during the reporting period. Similar tests will be given to "A" and "B" Battery upon arrival at their new location.

c. Maintenance classes on the 175mm gun were presented by representatives of the Artillery Transport Department, Fort Sill, Oklahoma during the month of November, 1966. Additional classes were given by Technical Representatives at the request of the Battalion as well as by the Battalion Maintenance Section.

d. Formal classes at Battalion level in fire direction procedures began on 10 January 1967. This instruction is being presented to newly assigned personnel from all batteries to increase the proficiency and strength of all fire direction centers. The Battalion is presently testing the new 3200 mil range - deflection protractors.

e. Weapons familiarization for all personnel is being conducted on a monthly basis. In addition to firing assigned weapons, personnel fired all unit TOE weapons to include hand grenades.

f. The following periods of mandatory training for personnel were conducted during the reporting period:

   (1) Command Information ... 3 Hours
   (2) Character Guidance ... 3 "
   (3) First Aid ... 1 "
   (4) Combat Intelligence ... 1 "
   (5) CBR ... 1 "
   (6) Personal Hygiene ... 1 "
   (7) Escape and Evasion ... 1 "
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7 February 1967

(6) Map Reading . . . . . . . 1 Hour

(9) Anti-Infiltration and . . . . 1 " Anti-Guerrilla Warfare

4. (C) Operations.

a. Normal operations, consistent with the Battalion mission, were conducted during the reporting period. "A" Battery moved from Bear Cat to Lai Khe on 27 Dec 66. "A" Battery moved from Lai Khe to Quan Loi on 3 Feb 67.

b. The following operations were supported by the Battalion during the reporting period:

(1) Operation Battlecreek: Battery "C" provided GSR fires from 10 to 19 Nov 66 to 1st Bde, 1st Inf Div.

(2) Operation Bismarki: This operation consisted of securing Route Red for a resupply convoy from Phuoc Vinh to Di An. Battery "C" provided GSR fires to 1st Bde, 1st Inf Div from 23 Nov to 9 Dec 66.

(3) Operation Canary: Battery "A" displaced an 8" platoon south of Bear Cat in support of the 173d Airborne Brigade from 11 to 19 Dec 66.

(4) OJFD 45-66: Battery "G" supported the 1st Bde, 1st Inf Div in the seal and search of Tan Binh followed by a resupply convoy from 28 Dec 66 to 2 Jan 67.

(5) Operation Caretaker: The Battalion supported the 1st Bde, 1st Inf Div in the defense of Phuoc Vinh and Lai Khe from 7 Jan 67 to 18 Jan 67.

(6) Operation Cedar Falls: Battery "A" was assigned the mission of GSR the 1st Inf and 25th Inf Div Artillery 8 Jan 67 to present. Battery "C" remained in general support reinforcing the fires of the 1st Bde, 1st Inf Div.

(7) Operation Saratoga: The Battalion supported the 1st Bde, 1st Inf Div in the search of Bong Trang jungle followed by a resupply convoy from 25 Jan 67 to 29 Jan 67.

c. Close liaison and support of Special Forces camps at Dong Xoai and Xom Cat continued during this period. The liaison WCO is still at Xom Cat.

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Cat for the purpose of planning and expediting artillery fires. During the reporting period the Battalion supported seven (7) airmobile operations conducted by Special Forces teams located at Dong Xoai and Xom Cat.

d. During the months of December 1966 and January 1967, "O" Battery displaced on five different occasions to various firing positions out from its base camp of Phuoc Vinh. Displacement was necessary to attack targets identified beyond 175mm and 8" range. An average gain of 5000 meters in range in the direction of the move was realized and allowed the Battalion to mass the 8" with 175mm guns on selected targets.

e. On 6 Jan 67 "A" Battery exchanged two 8" howitzers with crows for two 175mm guns with crows with "B" Battery, 2/32 Artillery. This exchange was directed by IIIFFV for support of Operation Cedar Falls. The 8" platoon was returned to "A" Battery on 17 Jan 67.

f. The Battalion continued to control the fires of separate 155, 105 and 4.2 mortar batteries for the defense of the Phuoc Vinh base camp during the absence of the direct support artillery headquarters.

g. The following number of missions were fired with total amounts of ammunition listed below:

<table>
<thead>
<tr>
<th>Number of Missions Fired</th>
<th>3&quot; Ammo Expended</th>
<th>175mm Ammo Expended</th>
<th>Total</th>
</tr>
</thead>
<tbody>
<tr>
<td>&quot;A&quot; Battery</td>
<td>2668</td>
<td>2732</td>
<td>2171</td>
</tr>
<tr>
<td>&quot;C&quot; Battery</td>
<td>4199</td>
<td>6157</td>
<td>4654</td>
</tr>
<tr>
<td>Bn (-) Total</td>
<td>6857</td>
<td>8899</td>
<td>6825</td>
</tr>
</tbody>
</table>

h. The following special projects have been initiated within the Battalion:

(1) Fuze Comparison Test:

(a) During the months of Nov and Dec 66 this Battalion conducted tests with the 175mm gun to determine the effectiveness of fuzes quick and delay in the four types of jungle terrain found in Viet Nam. The purpose of the test was to determine the best fuse to use in open areas, single, double and triple canopy jungles.
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7 February 1967

(b) As conditions permit, enter the test area after each firing of the types of fuses, in each of the different types of jungle terrain to evaluate the artillery damage in the area.

(c) It was determined that:

1. Fuze quick was the better fuse to employ in open areas and in single canopy jungles. This fuse avoided the deep burrowing action that was encountered with fuze delay. Such mining action as experienced with fuze delay greatly limited the destructive powers of the explosion.

2. In the double and triple canopy areas, fuze delay is more effective since the projectile is permitted to penetrate through the primary growth to a point where the explosion is not attenuated by the dense foliage. Fuze quick yields high tree bursts which cause negligible damage on the ground due to the thick undergrowth.

(d) The results of these tests better enable us to choose the correct fuze and best number of rounds to give us maximum kills and area coverage in our target areas.

(2) Target Area Survey: In order to improve area target survey, the Battalion has initiated an aerial survey project. Through the use of survey and aviation, the Battalion is providing better coordinates for artillery fires by a simple method of intersection. The aircraft flies over a point with two ground survey stations tracking it from known points. Coordinates are computed and sent to the fire direction center for registration. If this method proves successful, plans are to expand the area survey in order to cover the entire Battalion's range capabilities.

(3) Target Detection - Smell: Three Man Pack Personnel Detectors (Chemical) have been hand-received from ACTIV, in Saigon, Vietnam. These devices have been mounted on the Battalion's fixed wing aircraft for the purpose of locating enemy personnel and base camps. Body odor and smoke create a chemical reaction which causes a reading on the instrument carried by the air observers. If successful, this will permit the fire direction center to plan timely and accurate artillery on actual targets rather than suspect locations. Although several flights have been made with the Detector, adequate results have not been obtained to justify an evaluation at this time. This headquarters has conducted several flights with the Personnel Detector mounted on the C-47 aircraft. Twelve missions
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5. (c) Logistics.

a. Refrigeration facilities have been improved with the receipt of five (5) frozen food cabinets, four (4) 65/70 cubic foot referis and two (2) ice making machines.

b. Direct exchange of individual and organizational clothing has continued to improve. Some difficulty was experienced in obtaining popular sizes.

c. Lack of three (3) authorized 15KW generators makes it extremely difficult to maintain twenty-four hour operations. Requirements for electricity far exceed output of generators on hand. Two (2) each PSN 6115-591-6866 on control number AT 8033-6308-0466; and one (1) each, PSN 6115-697-2402 on control number AT 8033-6303-0132 are due out to this organization.

d. Sandbags are critically required and on approved requisitions as follows: 20 thousand each on YT 8828-6348-108, priority 05; and 200 thousand each on document number YT 8828-6350-101, priority 12.

e. An addition to the Battalion Headquarters, one Battery Headquarters and nineteen troop billets have been constructed since the last report through the troop self-help program. Four of the nineteen troop billets were given to another unit when "A" Battery departed its Bear Cat location for Lai Khe. Construction materials were made available through engineer channels.
6. (b) Aviation.

The following aviation missions, listed by sorties, were flown during this quarter:

<table>
<thead>
<tr>
<th></th>
<th>Cmd &amp; Control</th>
<th>Recon</th>
<th>Arty Adjust</th>
<th>PAX</th>
<th>Cargo (Tons)</th>
<th>Hours</th>
</tr>
</thead>
<tbody>
<tr>
<td>ROTARY WING</td>
<td>54</td>
<td>45</td>
<td>3</td>
<td>43</td>
<td>.6</td>
<td>68:25</td>
</tr>
<tr>
<td>FIXED WING</td>
<td>77</td>
<td>250</td>
<td>102</td>
<td>40</td>
<td>.9</td>
<td>627:35</td>
</tr>
<tr>
<td>TOTALS</td>
<td>131</td>
<td>295</td>
<td>105</td>
<td>33</td>
<td>1.5</td>
<td>696:00</td>
</tr>
</tbody>
</table>

Of the 696:00 hours flown during the period, 607:40 hours were utilized for visual recon and artillery adjustment, 87% of the total flown. Eighty-eight hours and twenty minutes (88:20) were flown for other than combat support, 13% of total. The H-13 aircraft was available to the Battalion only during the month of January.

7. (c) Civic Actions.

a. The Battalion Medical Section conducted seven MEDCAPS during the reporting period. A total of 309 patients were examined. Approximately forty were determined to be seriously ill. This program was begun in December on the arrival of the Battalion Surgeon.

b. A groundbreaking ceremony for a Vietnamese hospital was held at the village of Nooc Vang on 24 Jan 67. The Battalion plans to build this hospital in this hamlet in the near future with the help of the local population.

c. Thanksgiving Day dinner was served to approximately fifty children from Phuoc Vinh. One enlisted man was selected to escort each child on a voluntary basis and sponsor the child's visit.

d. A Christmas Party was held for approximately three-hundred and twenty children from Phuoc Vinh. The children were given refreshments and each child received a gift.

e. The Battalion continued to sponsor the school at Phuoc Vinh. This program was done by providing personnel to clean the school and to make plant improvements. A pre - TET party was held for the children on 30 Jan 67. Entertainment was provided by Battalion personnel and each child (total approximately 300) received a gift.
8. (C) Communications.

a. A 70 foot FM antenna mast has been erected at Battalion Headquarters to increase the radio range and clarity between the Battalion and the batteries.

b. A sole user circuit was established between Phuoc Vinh and Quan Loi on 20 Jan 67. This circuit will be utilized to process and control fire missions for Battery "A" upon arrival at Quan Loi, 3 Feb 67.

c. The KW-7/TSEC was modified to simplify the daily setting. The daily setting can be accomplished in two minutes now instead of twenty minutes. The equipment is now designated as KWX-10/TSEC.

SECTION II

PART I, OBSERVATION: (C)

1. (U) Personnel and Administration.

a. ITEM: R&R Quotas vs R&R Space Utilization.

(1) DISCUSSION: A comparative study of R&R quotas vs R&R space utilization from June 1966 through January 1967 has been completed. From 331 quotas received, 172 quotas were utilized, i.e., 51.7% R&R utilization. This command will continue to encourage its personnel to take advantage of this generous recreational program. However, the desires of an individual to relax are insensitive to mandatory R&R quotas; i.e., an incremental increase in R&R spaces does not necessarily cause a proportionate increase in the financial capability and desires of individuals for recreation.

(2) OBSERVATION: Out-of-country R&R quotas received by this headquarters should be adjusted to the requirements of the command.

2. (C) Intelligence.

a. ITEM: Decoys.

(1) DISCUSSION: Aerial observers have learned that unarmed VC often expose themselves to observation aircraft in an attempt to lure the aircraft to a low altitude.
(2) OBSERVATION: Unarmed VC who do not make an attempt to conceal themselves from observation aircraft are often protected by hidden automatic weapons.

3. (U) Training and Organization.

NONE

4. (C) Operations.

a. ITEMS RSOP'S

(1) DISCUSSION: Heavy artillery units seldom displace due to range capabilities and mission requirements. The enemy quickly discovers these range rings and operates in areas just beyond the friendly capability for heavy fire concentrations. By initiating reconnaissance within the local area, speed and proficiency in displacing and occupation of position are greatly increased.

(2) OBSERVATION: RSOP'S not only increase the units proficiency but allow the cannoneer to move out of static firing positions thus increasing his morale. More important is the fact the enemy's belief that he can operate with immunity just beyond range of artillery is destroyed, (i.e, the mystique of the range rings is eliminated).

5. (U) Logistics.

NONE

6. (U) Aviation.

NONE

SECTION II

PART II, RECOMMENDATIONS (U)

1. (U) Personnel and Administration.

After reviewing the percentage of R&R spaces utilized during the past nine months, this headquarters recommends that the Battalion's R&R
7 February 1967

quotas be reduced 22%. This space reduction more realistically represents a balance between allocations and the financial capability and desires of the individuals of this Battalion.

2. (U) Intelligence.

NONE

3. (U) Training and Organization.

That more emphasis be placed on aerial observer procedures in basic and career courses. Aerial observers should be trained in a formal course prior to their assignment to their parent organization.

4. (U) Operations.

NONE

5. (U) Logistics.

NONE

EDWARD C. O'CONNOR
Major Artillery
Commanding

O-1D w/Personnel Detector
CONFIDENTIAL

O-1D W/PERSO/NEL DETECTOR
CONFIDENTIAL

AVGE (7 Feb 67) 1st Ind (C)
SUBJECT: Operational Report-Lessons Learned (RCS-CSFOR-65)(U)

DEPARTMENT OF THE ARMY, HEADQUARTERS, 23D ARTILLERY GROUP, APO 96289,
21 February 1967

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

1. (U) The operational report of the 6th Battalion, 27th Artillery,
is approved.

2. (U) Section I, para 1d. Radio operator (MOS 05C20) have been
requisitioned and expected to arrive on or about 20 February 1967. NCO
grades in this MOS are in critical shortage throughout USARV. The senior
metro computer has been requisitioned.

3. (U) Section I, para 5c. Director of Supply, 1st Logistical Com-
mand, reports that there are presently no generators of 10-15KW class
available from in-country stocks. A shipment of these items of equipment
is scheduled in; however, the date of arrival is not known at this time.

4. (U) Section I, para 5d. Sand bags are now available in limited
quantities with priority of issue to units participating in tactical
operations. The S1, 6th Battalion, 27th Artillery, has been instructed to
contact the Director of Supply, 1st Logistical Command, to obtain release
of these items since issue is controlled by that Headquarters.

5. (C) Section I, para 8c. The Permuter Adapter Unit (KWX-10/TSEC)
and removable KWK-7 Programming Plugs have been used in 23d Group since
November 1966. The last sentence is incorrect. The KW-7/TSEC designation
has not changed with the addition of the Permuter Adapter Unit (KWX-10/TSEC).
This is only a modification to the KW-7/TSEC to enable the rapid selection
of Permuter Wiring arrangements.

6. (U) Section II, Part I, para 1a(2), and Section II, Part II, para 1.
The study referred to was directed by this headquarters. It was conducted
group-wide and completed on 20 January 1967. R&R quotas of each of the bat-
talions have been adjusted accordingly. The R&R quotas for the 6th Battalion,
27th Artillery, have been decreased by 46% to ensure maximum utilization by
interested personnel. If the reduction proves too great, additional quotas
will be obtained for the battalion.

7. (C) Section II, Part I, para 1a. Concur with observation. By
moving out of the base camps locations, for 1 or 2 day periods of time and
shooting lucrative enemy targets, heavy artillery units can make the Viet
Cong uncertain of his safe areas.
8. (C) Section II, Part II, para 3. The vast majority of observed missions fired by non-divisional artillery in the III Corps Tactical Zones are adjusted by aerial observers. Therefore, the need for procedural proficiency and practical experience is essential to immediate effective utilisation upon arrival in Vietnam. The impracticability of providing all students of the basic and/or career artillery courses with practice in the actual aerial adjustment of artillery is recognised. However, the feasibility of providing such training to a limited number of officer basic course students, should be studied. Successful participants should then be identified to the gaining commander by appropriate annotation of orders or DA Form 66.

1 Incl

THOMAS H. SAYES
Colonel, Artillery
Commanding