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AGAM-P (M) (17 Apr 67) FOR OT

21 April 1967

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

TO: SEE DISTRIBUTION

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.

BY ORDER OF THE SECRETARY OF THE ARMY:

KENNETH G. WICKHAM
Major General, USA
The Adjutant General

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(Continued on page 2)

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DEPARTMENT OF THE ARMY

HEADQUARTERS, 6TH BATTALION, 27TH ARTILLERY

APO 96289

AVGR-TC

7 February 1967

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

THRU: Commanding Officer
23d Artillery Group
APO 96289

Commanding General
II Field Force Vietnam Artillery
ATTN: AVFB-FA-C
APO 96277

Commanding General
United States Army Vietnam
ATTN: AVG-DH
APO 96307

Commander-In-Chief
United States Army Pacific
ATTN: GROP-ME
APO 96558

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

SECTION I

SIGNIFICANT HEADQUARTERS OR UNIT ACTIVITIES

1. (C) Administration and Personnel.

DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
DOD DIRECTIVE 5200.10

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PAGE 1 OF 15 PAGES
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AVGB-YO
7 February 1967

SUBJECT: Operational Report-Lessons Learned (HCS-GSFOR-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

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

<table>
<thead>
<tr>
<th>UNIT</th>
<th>TOE Auth</th>
<th>MTCE Pending</th>
<th>ASSIGNED</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>OFF</td>
<td>NO</td>
<td>EN</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</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, USAHWP, dated 27 November 1966.

d. Critical MOS shortages:

(1) Two Radio Teletype Operators (MOS 05C20): Considered
critical because of the tactical need for rapid, teletype communications.
OJT personnel are not suitable replacements when the level of skill re-
quired, 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 pre-
dicted on meteorological input data.

(3) Other MOS shortages can be resolved by intra-organizational
readjustments.

Page 2 of 15 Pages
e. Personnel changes during this quarter include:

<table>
<thead>
<tr>
<th>Type</th>
<th>Number</th>
</tr>
</thead>
<tbody>
<tr>
<td>GAINS: OFF</td>
<td>5</td>
</tr>
<tr>
<td>GAINS: WO</td>
<td>0</td>
</tr>
<tr>
<td>GAINS: EM</td>
<td>152</td>
</tr>
<tr>
<td>LOSSES: OFF</td>
<td>5</td>
</tr>
<tr>
<td>LOSSES: WO</td>
<td>1</td>
</tr>
<tr>
<td>LOSSES: EM</td>
<td>196</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 (OLC)</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.
SUBJECT: Operational Report-Lessons Learned (ROG-CNFSOR-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:
AVOB-YC
7 February 1967
SUBJECT: Operational Report—Lessons Learned (RCS-CSFOR-65) (U)

<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>TOTAL</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, USA RV, 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>TOTAL</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>
m. Improvement of living conditions through the rapid and well-planned building program has contributed significantly to maintaining high morale. Additionally, the BSOP 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, decidedly, 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 NSA/DA 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
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 AIT'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 "
SUBJECT: Operational Report—Lessons Learned (IC-67-SFOR-65) (U)

(8) Map Reading . . . . . . . . 1 Hour

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


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. "C" 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 Bismarck: 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) OPORD 45-66: Battery "C" 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 Arty to 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 NCO is still at Xom
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AVGS-YO

7 February 1967

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

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" Bat-
ttery displaced on five different occasions to various firing positions out
from its base camp of Phuoc Vinh. Displacement was necessary to attack tar-
gets 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 3" 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 ex-
change was directed by LFFV 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>Ammo Expended</th>
</tr>
</thead>
<tbody>
<tr>
<td></td>
<td>3&quot;</td>
</tr>
<tr>
<td>&quot;A&quot; Battery:</td>
<td>2658</td>
</tr>
<tr>
<td>&quot;C&quot; Battery:</td>
<td>4199</td>
</tr>
<tr>
<td>Bn (-) Total:</td>
<td>6857</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.

Page 9 of 15 Pages
(b) In operation tests, the test area after each firing of the types of fuse, in each of the different types of jungle terrain to evaluate the artillery damage in the area.

(c) It was determined that:

1. Fuse 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 fuse delay. Such mining action as experienced with fuse delay greatly limited the destructive powers of the explosion.

2. In the double and triple canopy areas, fuse 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. Fuse 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 fuse 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 a 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-13 aircraft. Twelve missions
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AVSG-YC
SUBJECT: Operational Report—Lessons Learned (RCS-CSFOR-65) (U)

7 February 1967

totaling fourteen hours 45 minutes have been flown to date. All flights
were flown at treetop level covering known and suspect areas of VC activ-
ity and routes known to be used by VC personnel and supplies. Three of
the flights were made utilizing the OH-13 in the general area to aid the
fixed wing pilot and observer in determining the location of significant
readings and maintaining the proper course. This has proved more efficient
than using a single aircraft. A more rapid determination of location and
a better flight pattern over the area can be maintained by eliminating the
necessity of climbing to a higher altitude each time an area is found which
gives a high reading. Immediately prior and subsequent to each mission the
aircraft flies over a friendly village or base camp to insure that the
instrument is functioning properly. In all cases the instrument has func-
tioned properly. The Detector is strapped to the back of the pilots
seat to enable the observer to make any adjustments necessary while in
flight. The probe is mounted on a pole extending from the observer win-
dow to a loop on the strut (see attached sketch). This places the probe
outside of the propeller wash and away from engine exhaust. (Sketch at pg 1)

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 elec-
tricity far exceed output of generators on hand. Two (2) each FSN 6115-
591-6866 on control number AT 8033-6308-0468; and one (1) each, FSN 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 Head-
quartes 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 Lei Khe. Construction materials were made available through
engineer channels.

Page 11 of 15 Pages
6. (c) Aviation.

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

<table>
<thead>
<tr>
<th>Type</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>
</tr>
<tr>
<td></td>
<td>68</td>
<td></td>
<td></td>
<td>3</td>
<td>25</td>
</tr>
<tr>
<td>Fixed Wing</td>
<td>77</td>
<td>250</td>
<td>102</td>
<td>40</td>
<td>9</td>
</tr>
<tr>
<td></td>
<td>250</td>
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<td>40</td>
<td>102</td>
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<tr>
<td>Totals</td>
<td>131</td>
<td>295</td>
<td>105</td>
<td>33</td>
<td>1.5</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 ground breaking ceremony for a Vietnamese Hospital was held at the village of Nuoc 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. A 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.
AVOB-YO

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

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/T3EC 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 KW-10/T3EC.

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 PAR 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 proportional 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.
AVGR-VC

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

7 February 1967

(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
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

1 incl

O-1D w/Personnel Detector

EDWARD C. O'CONNOR
Major Artillery
Commanding
O-1D W/PERSONNEL 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 05620) 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 S3, 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 KW-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 18% 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.
AVGE (7 Feb 67)  

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

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 utilization 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 recognized. 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.

[Signature]

THOMAS H. SAYES  
Colonel, Artillery  
Commanding