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SUBJECT: Operational Report - Lessons Learned, Headquarters, 199th Infantry Brigade (Sep) (Light), Posted Ending 31 October

1. Subject Report to be forwarded for review and evaluation in accordance with paragraph 5b, AR 525-15. Evaluations and corrective actions shall be reported to ACSFOR GT UT, Operational Reports Branch, within 90 days of receipt of covering letter.

2. Information contained in this report is provided to ensure appropriate benefits in the future from lessons learned during current operations can 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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DEPARTMENT OF THE ARMY
Headquarters 199th Infantry Brigade (Sep) (Light)
APO San Francisco 96279

SUBJECT: Operational Report for Headquarters, 199th Infantry Brigade
For Period Ending 31 October 1968, RCS CSPC6-65, UIC WPSOAB

Distribution

Section 1. Operations; Significant Activities.

a. Command.

(1) Brigadier General Franklin H. Davis Jr. departed the command on 21 August 1968, as a result of wounds received 051130 August 1968 while on a combat operation in the Khe Sanh Special Zone, center of area YS1080. Units participating in the operation included the 27th and 61st (VN), the 1099th Boat Company of the 4th Transportation Command (USN), the 3/48th Regional Forces Regiment (ARVN), and the 999th Regional Forces Company (ARVN), in addition to the 5th Battalion, 12th Infantry, 199th Light Infantry Brigade (LIR). Brigadier General Davis was wounded when the command boat from which he was observing and directing operations was hit by enemy fire on the Rach Ong Xeo River, vicinity YG4074. Wounded in the same action was the Commanding Officer of the 5th Battalion, 12th Infantry, Lieutenant Colonel Herbert H. Ney. From 22-31 August 1968, Colonel Frederic E. Davison, the Deputy Commanding Officer, 199th LIB, served as the acting commander. On 1 September Colonel Davison assumed command of the brigade as General Davis was permanently reassigned in the United States due to the wounds received during the action previously described. On 15 September 1968, Colonel Davison was promoted to the rank of Brigadier General and has since served as the Brigade Commanding General. On 14 September 1968, Colonel Jere G. Smith was appointed the Brigade Deputy Commanding Officer.

(2) Changes of command occurred in 2d Battalion, 3d Infantry; 3d Battalion, 7th Infantry; 2d Battalion, 40th Artillery; Troop D, 17th Armored Cavalry; 87th Engineer Company; 17th Military Intelligence Detachment; 152d Military Police Platoon; and 298th Signal Platoon.
In addition, Major Benjamin J. Basil, Executive Officer, 5th Battalion, 12th Infantry, assumed duties as the Acting Battalion Commander for 31 days (6 Aug-5 Sep) while the Battalion Commander LTC Herbert H. Ray was hospitalized as a result of the incident mentioned in Para 1a(1). All changes in command were due to rotations with the exception of 3d Battalion, 7th Infantry. Due to the death of Lieutenant Colonel Kenneth W. Hall in a helicopter accident on 24 June 1968, the Battalion Executive Officer, Major James F. MacDill, served as Battalion Commander until the new commander arrived on 26 August 1968.

(1) Principal Brigade Staff personnel who were changed during the quarter included the Executive Officer, S3, Aviation Officer, S5, Headquarters Commandant, Chemical officer, and Adjutant General.

1. Personnel.

(2) The total assigned strength of the brigade increased by 129 personnel during the quarter. On 31 October 1968, the brigade was operating at 105% of authorized strength.
A total of 588 awards were approved for members of the command. Breakdown by units is indicated below.

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<th>DSC</th>
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<th>SS</th>
<th>IN</th>
<th>SN</th>
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TOTAL                  | 2   | 0   | 18 | 0  | 1  | 24 | 136| 65 | 230 | 105 | 1  |     |

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(4) Rest and Recuperation (R&R) leaves were taken in-country by 309 men, with 1098 going out of Vietnam for an R&R leave. Utilization by unit was as indicated below.

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<tr>
<td>TOTALS</td>
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</table>

c. Intelligence.

(1) Following the deployment of the 9th Viet Cong (VC) Division into Cambodia, it was evident that some emphasis was being shifted from Saigon to outlying areas. Elements of Nong Truong I (North Vietnamese Army (NVA)) have been identified in the northern III Corps - Cambodian border area. The 34th, 46th, and 174th Regiments moved from their normal habitat in II Corps Tactical Zone (CTZ) south into III Corps area. The Nong Truong I headquarters did not accompany them at the time. The 7th NVA Division deployed in the general vicinity of Long Xuyen – An Lac. The 5th VC Division moved from its normal area of operation into War Zone L - U-1 province and took positions near the village plantation. Planning meetings were being held at COSVN headquarters. The troop movements and resupply activities indicated that another phase of VC offensive was imminent. All major VC and NVA units underwent reorganization.

a) The 5th VC Division retained control of the 274th VC Regiment which remained in U-1 and Binh province. The major elements of the 5th VC Division were the 275th VC, 33rd NVA, and the 88th NVA Regiments. Their area of operation was east of Tay Ninh City.

(b) The 7th NVA Division reorganized their forces for combat with the 32nd NVA, 141st NVA, and the 165th NVA Regiments and organic artillery battalions.
(c) The 9th VC Division retained its organic elements - 271st, 272nd and 273rd VC Regiments. Their movement into their sanctuary in Ba Thu, Cambodia indicated preparation for offensive action.

(2) Within the Sub Regions, the enemy forces conducted resupply and repositioning of their combat elements. From captured documents and interrogation of PWS, the enemy was trying to place a force of at least five combat battalions into each Sub Region. Medical evacuation points, supply caches and Commo liaison points were to be established for the upcoming offensive phase. (See Indus 1 & 5).

(a) VC Sub Region 2 battalions were dispersed in small groups avoiding contact, conducting resupply activities and training. 6th Local Force Battalion was reported dispersed in the pineapple plantation with reconnaissance element in Tan Nut - Tan Kiem areas. 308th VC Battalion was dispersed in the south western portion of the pineapple plantation. 267th and 269th VC Battalions were dispersed along the Van Co Dong River, north of the pineapple plantation, west-north west of the Duc Hoa. Captured documents revealed that the 267th and 269th battalions were to combine forces and keep the infiltration corridor open for 45 days. D-16 Battalion operated north of the 267th and 269th. 276th was located near Cambodia - Tay Ninh border in Northern SR-2. Replacements for the 26-2 battalions were drawn from NVA infiltration groups 249, 108, and 211. From PWS and documents it was indicated that this is the critical area for a VC offensive. Routes of infiltration along the Cai Che - Cai Dien previously led from the Ba Thu, Cambodia directly east to the Van Co Dong River through the pineapple plantation and further to than. Numerous caches of weapons, ammunition and medical supplies have been uncovered, indicating the enemy’s efforts to prepare the battlefield and preposition his equipment. A large Depot type storage area was discovered in the south-east pineapple plantation. This base storage will be discussed in a separate paragraph. The entire pineapple plantation offers excellent waterway networks and natural cover.

(b) Sub Region 3. The enemy forces in Sub Region 3 consisted of VC Infantry Battalions and one Artillery Battalion. All of the forces operated in small groups, well outside of the 199th Infantry Division's area of operations (AO). 306th VC Battalion (AKA 1st Long Long) with less than 250 personnel was forced to withdraw to the Line area in the south western section of SR-3. The Dong Phu Battalion, which was formed by a combination of Phu Loi II and K3 battalions has less than 200, located generally in central SR-3. The 256th C Battalion absorbed the old 5th Nha Be Battalion for a combined strength of less than 200. The 520th VC Battalion received on company from the 550th VC Battalion from IV CTZ for combined strength of less than 200. Its normal AO was in South Central SR-3. The 306th VC 6th Independent Battalion was estimated at about 350 men who were dispersed in a base area south east of Ben Luc. The 3d VC Artillery
Battalion was reinforced by one company of rocket troops from the 206th Rocket - Artillery regiment. Their normal AO is south central SR-3. The 9th (US) Division captured a 12-tube rocket launcher which probably belonged to the 3d Artillery Battalion. In SR-3, the VC are extremely limited in routes, cover and concealment. During the three month period, the enemy has suffered heavy casualties from air strikes and ground contacts.

(3) The 17-19 August attacks on Tay Ninh, An Loc and Loc Minh were diversionary attacks designed to draw US/FWMAP from Saigon. If the forces had been deployed away from the Captial, the sub region VC forces would have been free to infiltrate into Saigon with relative ease. Since there was no troop redeployment, the Sub Region VC forces continued to prepare the battlefield, pre-stock supplies and conduct extensive reconnaissance. Increased supply activities and shipping from Ha Thu VC sanctuary have been noted. The VC units remained dispersed avoiding contact, conducting scattered attacks by fire, increased terrorist activities, propaganda, proselyting and recruiting. Definite increases in infrastructure operations were noted. Several successful counter-VCI operations have been conducted and 18 VCI were captured and 7 killed. Analysis of all available information indicated that as of the 25th of October 1968, the enemy Main Force units had withdrawn into their rear bases and staging areas. The enemy is not capable of launching a coordinated offensive in the near future. He retains the capability to conduct stand-off and limited objective attacks and attacks by fire. He retains the capability to launch rockets on Saigon from the south, east, and north.

(4) Counterintelligence. Captured enemy documents indicate that the enemy is concentrating more on intelligence collection. One document from COSVN directed the VC units to collect all captured documents, personal letters and notes and forward them to higher headquarters for intelligence and psychological type exploitation. The document stated that personal letters containing addresses from the US could be used by North Vietnamese Intelligence to further the communist goals of influencing the people in the United States. Further reports indicate VC use of espionage agents employing females and children.

(5) Location of Enemy Depot Area.

(4) A large enemy Depot area was discovered by the 199th Infantry Brigade on 18 September 1968. Numerous intelligence reports have been received of enemy supply activities, radar indicated nightly movements and the Airborne Personnel Detector confirmed the presence of personnel in the area. From analysis of the area and the equipment captured it was determined that this Depot could support more than one VC Division.
(b) Description of the area. The Depot is located generally south of the pineapple orchard along the Van Co Dong River, grid coordinates XS 560805, XS 590800, XS 588790, XS 560798. The terrain in this area is marshy, inundated, characterized by heavy growths of nipa palms along the Van Co Dong River and its smaller tributaries. Numerous canals and streams form an extensive waterway network. The Van Co Dong River is a well known VC supply and infiltration route. Also, during the Tet and the May offensives, the east-west canals and the Van Co Dong River were used as evacuation routes for the wounded. Several important streams and canals connect to the Van Co Dong River; At XS 554812 Bung Cau Canal connects to the Bobo Canal, leading north-east directly into the VC main base areas in Ba Thu, Cambodia. The majority of the supplies are transported on this route. Kinh Ho Canal connects to the Van Co Dong River at XS 560796, southwest with the Van Co Tay River, another well known infiltration and exfiltration route from Cambodia. The extensive waterway network to the east, connects the Depot area with the numerous forward staging areas at Tan Buu, Tan Nhut, Tan Kien, and further into Saigon-Cholon area. (See Incl 3)

(c) The depot area appeared to be well organized and efficiently laid out. The equipment, weapons and ammunition were stored in smaller boxes consisting of 2-55 gallon drums welded together, equipped with wooden tramp doors, buried in the ground and well camouflaged. Like items of material were stored together in an orderly fashion. Three hospitals were captured in this area. Each of the hospitals consisted of several huts and bunkers, equipped with operating tables and lighting equipment. Surgical tools found in this area indicated that major amputations could be performed. The area contained several drums of water, drinking water and gasoline. The numerous small streams and canals served as ideal concealment of the numerous motorized sampans found in the area.

1. The entire area was heavily booby trapped. All the booby traps appeared to be new and recently emplaced. Practically all land waterways and shores indicated the Viet Cong’s exclusive use of waterways. The booby traps were placed along the nipa palm groves and on all possible near landing zones in an irregular manner.

(e) Equipment captured or destroyed during the period 18 September - 5 October 1969:

- Bunkers: 46
- Structures: 51
- Machine guns: 25
- .22mm: 18

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Weapons- Small arms: 48
- Crew served: 6
Ammunition- Small arms: 24,530
- Crew served: 1,213
Field Gear (pounds): 655
Medical Supplies (pounds): 115
VC Uniforms: 25
Ponchos: 265
Gas Masks: 158
Rice (Pounds): 2,600
Complete Hospitals: 3
Motorized sampans: 36
Booby traps*: 916
Explosives (pounds): 800

* Those booby traps found, destroyed or disarmed not including those exploded by air strikes and artillery.

(b) Enemy strengths and dispositions.

(a) VC Sub Region 2.

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<th>LOCATION</th>
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<td>Dispersed in the pineapple plantation Tan Nhut, Tan Buu, Tan Kien.</td>
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<td>36th Bn</td>
<td>100</td>
<td>South western pineapple plantation; XS5680.</td>
</tr>
<tr>
<td>267th Bn</td>
<td>200</td>
<td>Dispersed in VC Base area; XS5396.</td>
</tr>
<tr>
<td>253rd Bn</td>
<td>250</td>
<td>Dispersed in VC base area; XT4701.</td>
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<td>516th Bn</td>
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(b) Sub Region 3.

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<td>520th Bn</td>
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The total cumulative losses for the Viet Cong are shown below for the period 1 August to 31 October 1966. (Operation TOAM THANG II).

VC KIA (HC) 59
VC KIA (Infantry) 65
Detainees Processed 290
KIA (Infantry) 10
KIA (Artillery) 1
Small Arms Captured 133
Crew Served on Captured Equipment 14
Rounds of ammo (SA) 53,904
Rounds of ammo (GG) 2,385
Rice (tons) 1.449
Fortifications Destroyed 2,496
Buildings destroyed 28
Grenades Captured 163
Grenades Destroyed 69

Operations, Plans and Training:

The brigade, under Operational Control (OPCON) of the Commanding General, Capital Military Assistance Command (CMAC), continued Operation TOAM THANG II in An Loc. The brigade continued its mission of participating in the ground, rocket, and mortar defense of Saigon. The brigade's area of responsibility remained south and west of Saigon. Elements of the brigade continued aggressive and extensive operations; patrolling, night ambushes on all likely land and water approaches into the city through the brigade's AO, and maintained a 24 hour surveillance in its assigned sectors. As of 31 October, the brigade conducted its active coverage of the AO, and maintained a high state of readiness to react to or to crush any enemy threat that could present itself.

Operations Conducted:

(a) 1-31 August (OPCON from 9th Infantry Division). On OCW/S0 hours vicinity X57358399 an ambush patrol (AP) of B Company 2/3d Infantry, engaged 1 or more VC, resulting in 1 VC KIA, 1 AK-47, 1 x 9mm pistol, 1 RPG-7 launcher, 3 RPG rounds, 472 rounds of 7.62mm ammunition, and one half pound of documents captured. On OCW/S0 hours vicinity X5684852, an AP from C Company 2/3d Infantry sunk
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1 Sampan and killed 2 VC (BC) and 2 VC (PROB). On 092130 hours vicinity XS 76583-3, A Company 2/3d Infantry fired on 10 VC, resulting in 1 VC KIA (BC) with supporting artillery accounting for 1 VC killed by artillery (KBA) (PROB). On 102120 hours vicinity XS664853, B Company 2/3d, while conducting a reconnaissance in force (RIF) destroyed 1 sampan killing 2 VC (BC), and capturing 1 AK-47. On 111030 hours vicinity XS709881, a Light Fire Team (LFT) (2 Armed Helicopters) killed 2 VC (BC) and B Company 4/12th Inf captured 1 female prisoner of war (FW) and killed 1 VC (BC) while on a RIF after an airmobile assault into the area. On 151420 hours vicinity XS638663, a patrol from B Company 2/3d Infantry made contact with an estimated VC squad, contact was lost at 151545, results, 1 US KIA, 5 US wounded in action (WIA) and 5 VC KIA (PROB). On 151555 hours vicinity XS638675, C Company 2/3d made contact with an unknown size VC force resulting in 1 VC KIA (PROB). On 163808 hours vicinity XS643874, D Company 2/3d found 1 VC KIA (BC) probably killed by supporting fires on the 15th. On 161190 hours vicinity XS 638662, a Chieu Ho surrender to B Company 2/3d. On 171100 hours the Commanding Officer, 2/3d, in a helicopter, found 2 VC KIA vic XS 655870, at 1910 hours vic XS767827, B Company 3/31st captured 2 VC. On 180530 vic XS663858, an AF from B Company 2/3d sank 1 sampan, captured 1 sampan motor and 1 AK-47 and 3 VC KIA (PROB). On the 19th, 3/7th conducted a RIF vicinity XS7877 resulting in 2 detainees and 1 WIA. On 201720 hours vic XS643925, during an airmobile assault by B Company 4/12th, a UH-1D helicopter was downed by ground fire, resulting in 1 US KIA, and 3 US WIA, at 1300 hours vic XS647916, B Company 4/12th received SA fire resulting in 1 US KIA and 2 US WIA. On 262303 hours vic XS709423, an AF from D Company 2/3d killed 1 VC (BC) and captured 1 pistol. On 272257 vic XS732827, a patrol from B Company 6/31st engaged a sampan, resulting in 1 sampan destroyed and 2 VC KIA (PROB). On 291557 hours vicinity XS706632, C Company engaged an unknown size force of VC. LFT, Flareship, and artillery supporting the action resulted in 5 US WIA and 1 VC KIA (BC). On 301613 hours vic XS91808, B and C Companies 3/7th, while patrolling, received RPG and SA fire resulting in 4 US WIA and 1 VN WIA.

(b) 1-30 September. On 041130 hours vic XS803751, a LFT engaged 6 VC, resulting in 6 VC KIA (BC). Vic XS482704, C Company 3/7th, while on patrol, received SA fire from an estimated 3 to 5 VC resulting in 1 US WIA, not evacuated, and unknown casualties. AT 1740 hours vic XS603753, C Company 3/7th found 1 sampan (BC), and at 1655 hours vic XS455086, D Company 3/7th captured 1 US WIA FW and destroyed 3 RPG rounds. On 052250 hours vicinity An Lac Bridge, one platoon from D Company 4/12th, while securing the bridge, sank 1 sampan and engaged 2 VC resulting in 1 VC KIA (PROB). On 072000 hours vic XS651865, while conducting a RIF after an airmobile assault, C Company 4/12th engaged 3 VC carrying automatic weapons, resulting in 2 US KIA and unknown VC losses. On the 12th, 4/39th Infantry, 9th Division, became Opcon to the 199th Brigade and 6/31st Infantry returned Opcon to the 9th Infantry.
Division. On 151300 hours vicinity XS768826, A Company 2/3d Inf engaged and killed 2 VC. D Company 2/3d Inf killed 1 VC and captured 1 AK-47.

On 251036 hours vicinity XS709530, while conducting a KIF, C Company 2/3d killed 1 VC. On 291950 hours vicinity XS593797, B Company 4/39th, while conducting a KIF after an airborne assault, engaged 3 VC resulting in 1 VC KIA (BC) and at 2050 hours B Company, 4/39th engaged an unknown size VC force, resulting in 6 VC KIA (PROB) and 8 VC WIA (PROB). Enemy soldiers were observed dragging their wounded away. During September, the brigade carried out extensive operations in the western portion of AO Laura, in addition to normal activities. The VC showed a reluctance to engage Brigade forces and when they did engage, they broke contact despite aggressive pursuit by brigade forces. The operations resulted in the capture and destruction of large quantities of enemy supplies, materially hampering the enemy's efforts to regroup and mount sustained operations in any portion of the AO.

(c) 1-31 October. On 082030 hours vicinity XS712835, an AP from C Company 2/3d engaged 1 sampam resulting in 2 VC KIA (BC), 1 AK-47 with 5 magazines, 1 HIG-2 launcher with 3 rounds and 1 sampam destroyed.

On the 18th the 4/39th Infantry was released from Opcon and returned to the 9th Division. On 241130 hours vicinity XS776753, while conducting a KIF as part of TASK FORCE RHINO, D Company 3/7th killed 1 VC. Enemy actions remained the same as September, the brigade initiated a series of four Task Force Operations with AO Laura to force the VC out of hiding. Two operations were basically cordon and search operations while the other two were KIFs with blocking forces to assist. Each of the operations (2 in all, HEL on 14 October, RHINO on 17 Oct, RHINO on 24 Oct, and RHINO on 26 October 1968) was a combined operation utilizing ARVN forces, National Police and brigade forces. The operations made extensive use of psychological warfare techniques and the civil affairs resources available to the brigade.

In Mid October the 199th LIB employed a new tactic termed "TOAN" (Implosion/Explosion). This concept permits large groups of forces to be used in cordon and search operations. The 199th LIB specialized up to 4 rifle companies on such operations. The operation conducted by emplacing a cordon well out from the area of prime concern. The search force is inserted by air inside the ring. Once the cordon line is inserted, the outer ring sweeps or squeezes in toward the center to a well defined "no fire line". When the no fire line has been reached, the search force begins pushing outward. Two such operations were conducted by the 199th LIB, one of which resulted in seven KIA.

The results of this portion of Operation TOAN THANG II.
a Friendly losses: 12 US KIA, 208 US WIA.

b Enemy losses: 60 VC KIA, 219 Detainees, 11 PW, 52 KIA (PROB), 1 Chieu Hoi, 140 small arms, 55,260 rounds of small arms ammo, 10 rounds 155mm ammo, 171 pounds of documents, 159 VC protective masks, 114 RPG rounds, 22,655 pounds of rice, 22 missles, 915 pounds of explosives captured, 72 sampans, 2,361 bunkers destroyed, and 52 military structures destroyed.

c Caches found by units:

<table>
<thead>
<tr>
<th>UNIT</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3d Infantry</td>
<td>11</td>
<td>2</td>
<td>3</td>
<td>16</td>
</tr>
<tr>
<td>3/7th Infantry</td>
<td>0</td>
<td>3</td>
<td>2</td>
<td>5</td>
</tr>
<tr>
<td>4/12th Infantry</td>
<td>7</td>
<td>2</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>5/12th Infantry</td>
<td>2</td>
<td>3</td>
<td>1</td>
<td>6</td>
</tr>
<tr>
<td>6/31st Infantry (Opcon from</td>
<td>2</td>
<td>-</td>
<td>-</td>
<td>2</td>
</tr>
<tr>
<td>9th Div)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>4/39th Infantry (Opcon from</td>
<td>1</td>
<td>-</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>9th Div)</td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>71st Infantry Det. (LRF)</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

(3) Training activities:

a The Hedcatcher Combat Training Center during the period 1 Aug-31 Oct 68 trained a total of 1,603 replacement personnel for the following units: 199th Infantry Brigade (1,087), USARV Special Troop (301), 54th Artillery Group (215). In addition, 186 officers and NCO's attended the squad leader - platoon leader course during the period.

b The Brigade Mobile Training Team, continued to present refresher training to units in the brigade. The following units received instruction during the quarter: 3/7th Infantry (Companies A, B, C, D, and E), 4/12th Infantry (Companies A, C, D, and E), 5/12th Infantry (Companies A and E). During the month of September the team gave a 3 hour block of instruction in the operation, care and cleaning of the 4.2 inch and 81mm mortars to all of the combat units in the brigade including 4/39th Infantry, then Opcon from the 9th Division.
(c) ARVN Ranger Mobile Training Teams completed instruction to the following units during the period: 1st Battalion, 43rd Regiment and 2d Battalion, 43rd Regiment (both ARVN).

(4) Chemical operations of the 503d Chemical Detachment:

(a) Personnel Detectors. There were seventy-eight personnel detector (People Sniffer) missions flown during the above period. The XM-2 Personnel Detector was not utilized on these missions. The new XM-3 Airborne Personnel Detector was used on all of the missions and has proved to be far superior to the XM-2. Experience has determined that whether the sniffer is used up, down, or cross-wind, depends upon weather conditions, terrain and area to be covered. Follow-up checks of the Brigade Daily Incident Reports have shown the People Sniffers to be successful and helpful to the accomplishment of the brigade's mission.

(b) Insecticide. Two insecticide spray missions were flown during the period. One mission was flown using three percent Malathion and the other using two and one-half percent. Results and reports show the missions were effective in reducing the insect population.

(c) Herbicide. Three Herbicide missions were flown during the period. It was learned that the success on grass and small vegetation can only be determined by burning the defoliated area three weeks after spraying. Herbicide has proven successful for removing the leaves from trees to allow for better aerial reconnaissance. The missions were flown over Hill #837 and the Perimeter of Bien Hoa Air Base. The 503d has now been authorized one airborne, helicopter mounted herbicide sprayer in our TO&E.

(d) Riot Control Agents. No CS missions were flown during the period. However the unit has received manufactured CS munitions and has made various types of field expedients and maintains a constant state of readiness should the opportunity arise to use them. Ten drums of CS were given to 4/12th Infantry for tunnel and bunker use.

(e) Flame Weapons. No flame weapons were used during this period. The unit is prepared and has assisted the battalions with various types of flame weapons and field expedients.

(f) Personnel Detectors. All personnel have had some training on the operation and maintenance of the Personnel Detector (People Sniffer) to include the XM-2 and XM-3 and more training is outlined for the future.
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(g) Insecticide and Herbicide. Training has been conducted in the capabilities of the various types of insecticides and herbicides now being used by this organization. In addition, all personnel have been trained in the methods of employment of these sprays.

(h) Riot Control Agents. The personnel of this unit have received training in the use of various types of RCA munitions. Two more members of the Detachment went with the 266th Chemical Platoon, 1st Infantry Division to participate in a CS drop involving 55 gallon drums of CS. The unit is trained and prepared for this type of operation to include having the rollers for installation in a Chinook type helicopter.

(i) Flame Weapons. Training in Flame Field Expedients have been minimum during this period. The unit has given assistance to various personnel within the brigade on flame weapons and has participated in the CMI.

(5) Air Operations:

(a) United States Air Force: The USAF Tactical Air Control Party gave continuous support to the 199th Light Infantry Brigade during Operation TOAN THANG II, flying 489 missions and logging a total of 1,065 hours. There were 199 FAC missions and 290 VR missions flown for a total of 499 and 566 hours respectively. During critical periods, the TACP maintained a scramble capability so that it could give timely response to the needs of the ground commander during the time a FAC was not airborne.

1 USAF Aircraft flew the following Air Strike missions:

a) Fighter missions: 146

sorties flown: 331

2 Bomb Damage assessment was as follows:

<table>
<thead>
<tr>
<th>DESTROYED</th>
<th>DAMAGED</th>
</tr>
</thead>
<tbody>
<tr>
<td>a Bunkers</td>
<td>412</td>
</tr>
<tr>
<td>b Structures</td>
<td>35</td>
</tr>
<tr>
<td>c Fighting positions</td>
<td>59</td>
</tr>
<tr>
<td>d Trenches</td>
<td>50 meters</td>
</tr>
</tbody>
</table>

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DESTROYED  DAMAGED

① Sampans  3
② Tunnels  2
③ Secondary explosions  41
④ Secondary fires  34

BODY COUNT

① Enemy Killed by Air  7

(b) Army Aviation assets supported the brigade with airmobile companies for air assaults, resupply ships, and CH-47's sorties for build-up of fire support and patrol bases. Missions performed were:

1. Command and Control (C2/C3)
2. Air mobile Combat Assault
3. Eagle Flight
4. Troop Extractions
5. Artillery Reconnaissance
6. Artillery Fire Adjustment
7. Medical Evacuation
8. Radio Relay
9. Resupply
10. Psychological Operations
11. Leaflet Drops

(b) Changes in organization. On 1 October 1968, at 1300 hours, Battery B, 2/40th Artillery had returned and joined the Brigade.

e. Fire Support Coordinator.

(1) The most significant measure and policy imposed on the artillery supporting operations during the reporting period was the centralization of fire control at battalion level. Additionally, procedures for the employment of CS gas from 120mm and 105mm rockets were developed and practiced. This was important, for use in the attack on confirmed rocket launch sites in areas of high population density.

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Several airmobile operations were conducted to support maneuver in the western portion of the AO. Fire clearance procedures were upgraded by staffing the Brigade Liaison Section with two additional personnel to process clearances and by closer liaison with district advisory teams. In the near future, a Brigade Fire Control Net (FM) will be operational to handle requests for clearances on a sole user channel for faster response.

(2) To improve proficiency in gunnery and firing battery techniques, a battalion inspection team tested each battery. The results of the tests identified areas for additional training and retesting. At present, firing batteries conduct thirty minutes of gun drill daily, in conjunction with fire direction center drills.

f. Logistical, Transportation, and Engineer Operations.

(1) During the period covered, no significant redeployment of forces was accomplished. Logistical support remains centered at the Brigade's Main base at Camp Frenzell-Jones with daily resupply being accomplished to each battalion's forward fire support base located south of Saigon. The unit's organic resupply capabilities continue to be augmented by the attached 543d Transportation (Light Truck) from the 48th Transportation Group.

(2) Numerous riverine troop insertions and extractions have been accomplished with the aid of the 1099th Transportation Boat Company. A procedure has been established whereby two LCM's for the exclusive use of the brigade is currently in operation.

(3) During October the brigade was chosen to participate in an operational test of a new concept for distribution and storing dry batteries, known as "Project Orange Ball." The concept envisions fresh batteries being provided directly to brigade supply with the ultimate objectives of reducing the stockage level of dry batteries within RVN and a better product for the users.

(4) During August a new assembly point for rockets and minigun ammunition was re-established from the Heliport to the Brigade ammunition storage area. The present area is capable of assembly and storage of approximately 650 rockets ready for immediate use.

(5) Re-supply and maintenance activities were otherwise normal. The following supplies were issued by the 7th Support Battalion:

(a) Class I:
1. Tons of "A" ration issued: 997
2. Tons of "C" ration issued: 368
3. Total: 1,365
4. Weekly Average: 105

(b) Class II & IV:
1. Requisitions received: 10,514
2. Requisitions filled: 7,265
3. Percent filled: 69
4. Average number received per week: 809

(c) Class III:
1. Gallons issued: 995,248
2. Average weekly issue: 76,200

(i) Class V:
1. " drawn: 2,265
2. Average weekly drawn: 170

The following is the current supply status of the brigade:

<table>
<thead>
<tr>
<th>Storage Capacity</th>
<th>On Hand</th>
</tr>
</thead>
<tbody>
<tr>
<td>Class I:</td>
<td></td>
</tr>
<tr>
<td>&quot;A&quot; rations (tons)</td>
<td>15</td>
</tr>
<tr>
<td>&quot;C&quot; rations (meals)</td>
<td>180,000</td>
</tr>
<tr>
<td>Class III (Gal):</td>
<td></td>
</tr>
<tr>
<td>JP-4</td>
<td>23,000</td>
</tr>
<tr>
<td>Meat</td>
<td>22,400</td>
</tr>
<tr>
<td>Diesel</td>
<td>12,400</td>
</tr>
</tbody>
</table>
(c) Since the brigade is no longer being supported by piston-driven helicopters, there is no longer a demand for Avgas.

(d) Class V: Portions of units basic loads are stored in the Brigade Ammunition Dump. Approximately 715 2.75 rockets are maintained for the helicopterarming point at the Brigade Heliport.

(7) The following engineer projects were completed by the 87th Engineer Company:

(a) 1,826 cubic yards of laterite and 1,421 cubic yards of sand were hauled to work sites in the EMB.

(b) Construction was completed on buildings 5023 (30 x 120 Post Exchange); 5024 (20 x 100 PX Warehouse); and 4324 (20 x 75 admin/supply building).

(c) Renovation of 5005 (Brigade Headquarters); and 5014 (17 x 40 extension of CG's Mess).

(d) But in Electrical Installations at buildings 5001 (17 x 40 AG Building); 5026 (40 Open Mess); 5024 (20 x 100 PX Warehouse); 5014 (17 x 40 extension CG's Mess; and 5023 (30 x 120 Post Exchange).

(e) Completed primary plumbing installations at 5027 (20 x 100 BOC) and continued plumbing installations at Bde EM Club.

(f) Poured Concrete for septic tank at EM Club.

(g) Surveyed locations for 500-man mess at 3/7th Infantry area, and for 40 x 100 PX Club.

(h) Presently under construction are buildings 5025 (20 x 100 APO) (80% complete); and 5717 (20 x 100 storage shed at 5/12th Infantry area) 2/12th.

(i) Constructed water tower and erected tank for 5026 (Open Mess); 49K block (.12th area); 5500 block (2/3d area); 5100 block (3/7th area); 5700 block (.12th area); 7th Spt Bn.; and Bde PX.

(j) Graded, excavated and spread paveprime for Bde Extension Heliport; 46th Engr Bn (-).

(k) Surveyed, constructed and sandbagged revetments at Bde Extension Heliport.
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2. Graded and shaped building area to 5000 Bda.

3. Constructed chain link security fence for 1026 Bda. Main FOB.

4. Erected 16 x 30 Aea. sign at Check Point Alphi, "Camp Freeman Jones".

5. Constructed reviewing stands in Seminar Area.

6. Renovated Snack Bar Seating area.

7. Improved fortification of bunkers at the Hoa Lo waterway.

8. Constructed Under cover at 16th Bde Main Area.

9. Continued work on the secondary electrical system in the BMD. Prepared building for tie-in with the secondary electrical system.

10. General maintenance and repair of BMD roads, leading roads and cutting ditches for drainage.

11. Constructed tent from BMD to Hawk...

12. Constructed tents in the following areas: 17th Cav; Redcatcher Training Center; 16th Bde Main Area and A Troop, 17th Air Cav.

13. Prefab 20 x 50 and 20 x 100 building components for admin buildings; 16 x 32 Tent Frames; 10 x 10 x 6 and 6 x 6 x 6 bunker kits; 15 x 16 x 16 Water Tower components; shovels, and 100 x 100 x 100 bunker kits were issued in this period.


G. Civil Affairs and reconnaissance

15. During the reporting period, the thrust of the civil affairs activities conducted by the brigade was directed toward the Government of Vietnam (GVN) Civil Recovery Program, material and technical support of a multitude of self-help projects, and an extensive medical civic action program (MEDCAG). These activities took place both in Ho Nai Village (adjacent to the Brigade Main Base at Long Binh, Bien Hoa Province) and in the region of Cai Lian in Ton Thang II. At the end of the period, the brigade is currently participating in operations in the vicinity of the village...
Seventh, and Eighth Precincts of the Capital Military District and portions of Binh Chanh and Nha Be Districts, both of which are in Gia Dinh Province. (See Inc1 4).

(a) Reconstruction of homes destroyed in Ho Nai Village during the Tet Offensive progressed slowly, although satisfactorily, due to commitments in the TOAN THANG II AO. During the reporting period, twelve individual homes were completely reconstructed. Work is presently continuing on two additional homes. Material for this work is being provided by the Tet Aggression Relief Program (TARP), a fund composed of voluntary contributions by members of the 199th Infantry Brigade. Medical treatment is being provided the residents of Ho Nai Village through the Loc Lam Dispensary, operated by the brigade in conjunction with Bien Hoa Province. This dispensary, located in a permanent building, consists of a waiting room, a treatment room, a maternity room, and three semi-private wards. Open six days a week, the dispensary treated 1,021 patients during the reporting period.

(b) Civic Action efforts continued at a high level in the TOAN THAI II AO during the reporting period. To ensure that the effort of the brigade was being expended in the proper direction, all projects undertaken were first coordinated with the Civil Operations and Revolutionary Development Support (CORDS) representatives located at the district and precinct level in the areas where the brigade operated. These projects included the construction and repair of roads, bridges, homes, schools, medical facilities, and defensive positions for the Regional Forces and the Fau Forces; distribution of foodstuffs and clothing to refugees and the needy; extensive cleanup, drainage, and reconstruction of a village that was completely destroyed by the Tet Offensive; conduct of "courtesy" operations, to include medical care, food distribution, and entertainment; and an extensive MEDCAP program.

(There were twenty-two incidents involving US personnel and/or equipment and Vietnamese civilians during the reporting period. These incidents resulted in the payment of $98,500 in solatium payments to thirty-seven individuals. Broad categories of incidents are:

(a) Firearms accidents: 6.
(b) Motor Vehicle accidents: 8.
(c) Artillery/Mortar incident: 2.
(d) "Civilians injured as a result of response to hostile fire" deaths: 0.
The Psychological operations conducted by the brigade during the reporting period continued to support three main programs: The Chieu Hoi program, the Volunteer Information Program, and a program designed to instill in the civilian populace confidence in the Government of Vietnam (Support GVN Program). In addition to aerial and ground speaker utilisation and dissemination of leaflets, the brigade distributed patriotic T-Shirts (bearing the colors of the Republic of Vietnam and a patriotic slogan); play balls with the GVN colors; health kits consisting of soap, toothpaste, a tooth brush, a comb, and a wash cloth, all bearing the GVN colors and containing a health message. During cordon and search operations, a combined Civic Action/Psychological Operations Team provided food, entertainment, and medical attention to the residents of the village being cordoned. Armed Propaganda Teams (APT's) were utilized in the brigade AO. These teams, consisting exclusively of Ho Chi Minh's (former Viet Cong or North Vietnamese Army Troops converted to the GVN through the Chieu Hoi Open Arms Program), proved to be quite effective in dealing with the civilian population. By living in the villages and identifying with the people, the APT's were able to gain the people's confidence and procure intelligence unattainable other.

(4) Statistical Summary:

(a) Civic Action Projects conducted and items distributed:

1. BERCA's:
   a. Trong Nam Dispensary: 122
   b. Brigade AO: 23
   c. Total: 31,691

2. Schools:
   a. Constructed: 11
   b. Repaired: 12

3. Homes:
   a. Constructed: 18
   b. Repaired: 15
Roads:
- Constructed: 7.
- Repaired: 6.
- Orphanages Supported: 3

Bridges:
- Repaired: 10.

Cement: 40,710 pounds.

Culvert: Two 12 Inch pieces.

Lumber: 412,821 board feet.

Sand: 5 meters.

Tin Roofing: 167 sheets.

Asbestos Cement Roofing sheets: 54 sheets.

Bricks: 21,750.

Foodstuffs: 24,781 pounds.

Health items: 1,717 pounds of soap.

Nails: 830 pounds.

Lint: 15 Quarts.

Whitewash: 1,320 pounds.

Whitewash brushes: 6.

55 Gallon drums (empty): 50.

Beds: 10.

Chairs: 16.
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22 Kits (School): 175.
24 Hygiene Kits: 700.
25 T-Shirts: 750.
26 Shower Shoes: 61 pairs.
27 Toy balls: 100.
28 Gypsum wall board: 7½ tons.
29 Chopsticks: 400 pair.
30 Cases Vitamin Tablets: 3.
32 Gravel (truck loads): 3.
32 Medical Supplies (Assorted): 900 pounds.
34 Used clothing: 1 buntie.

b) Psychological Operations:
1 Leaflets aerially distributed (by supporting units/organic assets).

1 Chieu Hoi: 5,378,000/120,000.
2 Safe Conduct Passes: 200,000/20,000.
3 Volunteer Information Program: 32,000/40,000.
4 Support GVN: 238,000/30,000.

Leaflets distributed by:

a Chieu Hoi: 80,000.
b Volunteer Information Program: 33,000.
c Cordon and Search: 3,000.
d Health Tips: 6,200.
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2 Aerial speaker messages (by supporting units/by organic assets).
   a CHICUCOL: 3½ hours/2 hours.
   b Volunteer Information Program: 8 hours/1½ hours.
   cordon and Search: 4 hours/2 hours.
   d Support VN: 10 hours/16½ hours.
   e Ground speaker Messages:
      f CHICUCOL: 17 hours.
      cordon and Search: 12 hours.
   f Volunteer Information Program: 13 hours.
   g 24 hrs. Search: 24 hours.
   h
   The unit's forward CPs remained
   in mobile operation. The overall communication systems remained
   intact.

   During the first channel VHF system between CMAC and
   Brigade, the two-channel VHF System (IIIPFCVE) was
   replaced by a four-channel system between the Brigade
   and a platoon (FWD Area). Equipment was recently issued.

   During the voice channel VHF system between Brigade
   and a platoon (FWD Area) and replaced by a four
   channel system between Brigade and a platoon (FWD Area).

   The platoon that replaced the AN/HNC-77 and TSEC/KY-38
   platoons was equipped with equipment giving them secure voice
   communications.

   The Volunteer Teletype Team (VTT) from CMAC became
   available to support the Brigade in the

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(6) A mobile jump team consisting basically of a AN/VRC-49 accompanied the 199th Infantry Brigade Task Force on the following operations: IMEX, 14-15 October, FERRET, 18-19 October, HIINO, 23-24 October, and HIPO, 28-29 October. The mobile team operated as the NCS station in the Task Force Command Net and as a Station in the brigade secure net.

(7) The communications posture on 31 October for the brigade was as follows:

(a) Radio Relay Systems:
1. The 530 Signal Battalion operated the relay station at Signal Hill.
2. CMAC operated the terminal at their site.
3. The 296th Signal Platoon operated the remaining terminal stations.

(b) Radio:
1. Brigade Forward and FSPs Horsehead Net:
   b. Brigade Secure Net-FM (secure).
   c. CMAC Command Net-FM (non-secure).
   d. CMAC Secure Net-FM (secure).
   e. Spare Net-FM (non-secure).
   f. Artillery Command Net for LR (non-secure).
   g. ALO Net-FM, AM and MINT.
2. Brigade Rear TOC at Camp Freedom:
   a. IFPFCEV Command Net-FM (non-secure).
   b. IFPFCEV Secure-net FM (secure) on call.
   c. Brigade Command Net-FM (non-secure).
   d. Brigade Secure net-FM (secure).
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2 Infantry Battalions:
   a. Each Infantry Battalion operated a Command Net and a Logistics Net.
   b. Each Infantry Company operated a command net.

4 Artillery Battalions:
   a. The 2/40th Artillery Battalion operated a command net and monitored the firing batteries nets.
   b. Each Firing Battery operated a Fire Direction Net.
   c. Wire:
      1. Wire lines were limited to local distribution within the CPs and from battalion to company level when possible.

2 Switchboards:
   a. Keucatcher Forward TOC switchboard utilized an AN/TC-10 with a 30 line capacity of which 42 jacks were filled.
   b. Keucatcher near TOC switchboard utilized an SB-86/PT Switchboard with a 40 line capacity of which 66 jacks were filled.
   c. The Infantry Battalions and the Artillery Battalion utilized 5 2/3/PT Switchboards stacked for a total of a 29 line capacity.

4 Communication centers

The Brigade Rear Communications Center at Camp Frensell-Jones was equipped with an HOC-17 Teletype Central Office dismounted. It terminated one FOL circuit from IFFORCEV and one HDX on-line circuit to brigade forward CP.

The Brigade Communications Center at FSPB Horseshoe Bend was an HOC-17. It terminated one HDX on-line circuit to Brigade Rear CP and one HDX on-line circuit to CMAC.

1 Messenger Service was conducted for units at Camp Frensell-Jones and to headquarters at USAFV and IFFORCEV. Messenger Service was provided between brigade forward and Brigade Rear with a stop at CMAC twice daily.
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(a) Radio Teletype: A radio teletype team organic to CMAC supported the brigade at the Forward CP in the CMAC NATT net.

(f) Power: Main power was provided by a 36 kw commercial diesel generator with two 10 kw and one 5 kw gasoline-driven generators as backup.

1. Public Information.

(1) During the period, the 40th Public Information Detachment and attached personnel continued to provide coverage for brigade activities and began working on the first issue of the new twice-monthly brigade newspaper, "The Redcatcher". The funds were approved by the Central Welfare Fund, United States Army, Vietnam for publication of both the newspaper and a yearly magazine. The contract between Tosho Publishing Co., Ltd, and the Central Welfare Fund was prepared by the Information Office and approved by the Brigade Staff Judge Advocate and representatives of the Central Welfare Fund. The newspaper is expected to come out in the latter part of November. The Information Office continues to increase the good relations with the civilian press media. Pre-election coverage was especially good within the brigade due to the nearness of the AO to Saigon. Information Office specialists within the brigade have been appointed and placed on competent orders in all company-size units. This is to insure that each unit will receive adequate coverage in the newspaper, as there is only one writer and one photographer in the Information Office for each company in the brigade. A guidance sheet was distributed and all detachment information personnel were briefed on their functions and duties.

(2) The following is a breakdown of the Public Information Detachment activities:

(a) News Releases - 40.
(b) Picture Releases - 32.
(c) Hometown News Releases - 94.
(d) Hometown Picture Releases - 72.
(e) Hometown Tapes - 139.
(f) Press Briefings and Interviews - 8.
(g) News Media Visits - 91.
(h) Hometown TV Film Clips - 130.

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(3) The U.S. Army Mountain Menn Center Quarterly Report, First Quarter, Fiscal Year 1969, indicated 100 per cent usage of the television film sent there by this Information Office. No other combat unit in Vietnam achieved 100 per cent use of their film clips. The detachment also submitted more film clips of this nature than any other unit in SVN, except the First Air Cavalry Division. The detachment also had 100 per cent usage of its hometown pictures.

(4) The photographic section is having continued problems with the cameras in the field. All of the present cameras are not able to withstand normal field use, despite every precaution by the photographers. Waterproof plastic bags have helped some, but the wetness of the terrain in the present AO combined with the recent monsoon season has taken a toll of photographic equipment. The Information Office now has all of the information and photographer slots filled, but at least half of the replacements are being trained on-the-job in their duties. Only a few have been Army school-trained in their MOS. The new Information Officers were assigned to the office during this reporting period to fill the two 0-2 slots.

J. Staff Judge Advocate.

(1) During the quarter this command paid $5,158.60 in personal property claims to U.S. military Personnel. The breakdown is as follows:

<table>
<thead>
<tr>
<th>MONTH</th>
<th>CLAIMS</th>
<th>AMOUNT PAID</th>
</tr>
</thead>
<tbody>
<tr>
<td>August</td>
<td>22</td>
<td>$3,602.37</td>
</tr>
<tr>
<td>September</td>
<td>6</td>
<td>1,276.23</td>
</tr>
<tr>
<td>October</td>
<td>1</td>
<td>80.00</td>
</tr>
<tr>
<td>TOTAL</td>
<td>29</td>
<td>$5,158.60</td>
</tr>
</tbody>
</table>

(2) Settlement paid to Vietnamese nation- for personal property damage and personal injury. 13 claims filed by Vietnamese nationals under the Foreign Claims Act, AR 27-29, were investigated and processed. The major claim was by the Khai Vanh Pinnat Factory for occupation and use of the factory as the brigade forward tactical operation center. The claim was for 3,806,340VN per month since the occupation began and for each month of continued use. The claim was investigated and forwarded to the Foreign Claims Commission.

(3) The breakdown of Nonjudicial punishment imposed during the reporting period is below:

28
<table>
<thead>
<tr>
<th>UNIT</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3d Inf</td>
<td>16</td>
<td>8</td>
<td>14</td>
<td>38</td>
</tr>
<tr>
<td>3/7th Inf</td>
<td>19</td>
<td>17</td>
<td>10</td>
<td>46</td>
</tr>
<tr>
<td>4/12th Inf</td>
<td>10</td>
<td>7</td>
<td>5</td>
<td>22</td>
</tr>
<tr>
<td>5/12th Inf</td>
<td>31</td>
<td>24</td>
<td>26</td>
<td>81</td>
</tr>
<tr>
<td>2/40th Arty</td>
<td>10</td>
<td>7</td>
<td>9</td>
<td>26</td>
</tr>
<tr>
<td>7th Spt En</td>
<td>9</td>
<td>4</td>
<td>15</td>
<td>28</td>
</tr>
<tr>
<td>HHC 199th</td>
<td>7</td>
<td>17</td>
<td>8</td>
<td>32</td>
</tr>
<tr>
<td>87th Engr.</td>
<td>2</td>
<td>6</td>
<td>6</td>
<td>14</td>
</tr>
<tr>
<td>Trp D, 17th Cav</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>TOTAL:</td>
<td>104</td>
<td>91</td>
<td>93</td>
<td>288</td>
</tr>
</tbody>
</table>

(4) Court martial rates continued below the overall Army level. Continued command emphasis is being placed on expeditious processing and forwarding of charges. Forwarding endorsements to the general court-martial convening authority include explanation of any delay in forwarding the charges. In keeping with USAHV policy on reducing time individuals spend in confinement, personnel are normally released from confinement after 30 days unless they are pending additional charges or elimination. Increased emphasis is being placed on informing accused persons of the right to request discharge in lieu of court-martial. Such action has reduced the court-martial rate of some battalions. A clemency and rehabilitation program is in operation. Individuals are transferred to different battalions after release from confinement. The reward has not been as great as hoped for by the command. Many of the individuals transferred have been confined again by the new unit for infractions of military law. The breakdown of court-martial is below:

**General Court-Martial**

<table>
<thead>
<tr>
<th>UNIT</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>3/7th</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
</tbody>
</table>

CONFIDENTIAL
### SPECIAL COURT-MARTIAL

<table>
<thead>
<tr>
<th>UNIT</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3d Inf</td>
<td>2</td>
<td>1</td>
<td>0</td>
<td>3</td>
</tr>
<tr>
<td>3/7th Inf</td>
<td>2</td>
<td>7</td>
<td>2</td>
<td>11</td>
</tr>
<tr>
<td>4/12th Inf</td>
<td>6</td>
<td>6</td>
<td>2</td>
<td>14</td>
</tr>
<tr>
<td>5/12th Inf</td>
<td>4</td>
<td>1</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>2/40th Arty</td>
<td>5</td>
<td>0</td>
<td>0</td>
<td>5</td>
</tr>
<tr>
<td>7th Spt</td>
<td>6</td>
<td>1</td>
<td>1</td>
<td>8</td>
</tr>
<tr>
<td>HHC</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>87th Engr</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>D/17th Cav</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>27</td>
<td>16</td>
<td>7</td>
<td>50</td>
</tr>
</tbody>
</table>

### SUMMARY COURT-MARTIAL

<table>
<thead>
<tr>
<th>UNIT</th>
<th>APR</th>
<th>MAY</th>
<th>JUN</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>2/3d Inf</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>3/7th Inf</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>4/12th Inf</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>5/12th Inf</td>
<td>0</td>
<td>1</td>
<td>1</td>
<td>2</td>
</tr>
<tr>
<td>2/40th Arty</td>
<td>1</td>
<td>0</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>7th Spt</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td><strong>TOTALS</strong></td>
<td>1</td>
<td>4</td>
<td>2</td>
<td>7</td>
</tr>
</tbody>
</table>

(5) A complete breakdown of legal assistance cases handled during the period are as follows:

30
<table>
<thead>
<tr>
<th>Category</th>
<th>AUG</th>
<th>SEP</th>
<th>OCT</th>
<th>TOTAL</th>
</tr>
</thead>
<tbody>
<tr>
<td>Adoption and Change of Name</td>
<td>2</td>
<td>2</td>
<td>3</td>
<td>7</td>
</tr>
<tr>
<td>Citizenship, Immigration and Passport</td>
<td>3</td>
<td>5</td>
<td>4</td>
<td>12</td>
</tr>
<tr>
<td>Civil Rights</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Domestic Relations</td>
<td>14</td>
<td>17</td>
<td>15</td>
<td>46</td>
</tr>
<tr>
<td>Depositions</td>
<td>0</td>
<td>1</td>
<td>0</td>
<td>1</td>
</tr>
<tr>
<td>Non-support</td>
<td>2</td>
<td>0</td>
<td>1</td>
<td>3</td>
</tr>
<tr>
<td>Notarizations</td>
<td>5</td>
<td>18</td>
<td>18</td>
<td>41</td>
</tr>
<tr>
<td>Personal Finances, Debts</td>
<td>9</td>
<td>7</td>
<td>6</td>
<td>22</td>
</tr>
<tr>
<td>Personal Property</td>
<td>21</td>
<td>10</td>
<td>6</td>
<td>37</td>
</tr>
<tr>
<td>Powers of Attorney</td>
<td>23</td>
<td>10</td>
<td>12</td>
<td>45</td>
</tr>
<tr>
<td>Real Property</td>
<td>2</td>
<td>0</td>
<td>0</td>
<td>2</td>
</tr>
<tr>
<td>Taxation</td>
<td>0</td>
<td>2</td>
<td>2</td>
<td>4</td>
</tr>
<tr>
<td>Torts</td>
<td>0</td>
<td>0</td>
<td>0</td>
<td>0</td>
</tr>
<tr>
<td>Wills and Estates</td>
<td>3</td>
<td>2</td>
<td>2</td>
<td>7</td>
</tr>
<tr>
<td>Miscellaneous</td>
<td>15</td>
<td>50</td>
<td>40</td>
<td>75</td>
</tr>
<tr>
<td><strong>TOTAL</strong></td>
<td>99</td>
<td>124</td>
<td>109</td>
<td>332</td>
</tr>
</tbody>
</table>

**note**

(1) The Provost Marshal initiated a program to improve the conduct and appearance of personnel within the BMB. On-the-spot corrections are made by NCOs and non-commissioned officers and officers. The appearance of military personnel on the BMB improved considerably during the past quarter.

(2) An additional NP patrol was employed from 1800-2400 hours daily to increase the amount of preventive enforcement utilized by the Provost Marshal. This patrol is used in the sensitive areas where
protective lighting has not yet been installed. It is also used for nightly security inspections throughout BZ.

(3) The number of accidents and the number of incidents involving the improper utilization of government vehicles declined since the initiation of 199th Infantry Brigade Regulation 56-4, Transportation and Travel, dated 28 September 1968. Compliance with this regulation insured that the number of accidents will remain minimal.

(4) On 16 October 1968, Change 1 to USARV Reg 663-20, War Trophies, was published. This change increases the responsibilities of the local Provost Marshal in the registration of war trophies. DD Form 603 must now be executed by the local Provost Marshal or the USAMAC P4. The change also authorised local P4s to issue a Temporary Export License.

(5) As a result of a survey conducted by the Office of the Provost Marshal, a standardized system for licensing and testing vehicle operators was initiated.

(6) A continual effort has been initiated to insure compliance with USARV Reg 210-5 regarding privately-owned weapons. All privately owned weapons are registered with the Office of the Provost Marshal and secured in the company arms room. Commanders conduct periodic, unannounced inspections to insure that no privately owned weapons remain in the possession of personnel.

(7) The Office of the Provost Marshal continued to stress a positive law enforcement program. Commanders were urged to initiate a positive campaign to decrease larceny of private property, the number of traffic accidents, and educate all personnel on the use of narco sniffers.

1. Chaplain Activities.

(1) The religious coverage for the 199th Infantry Brigade included services for Roman Catholic and Protestant. Memorial Services were held in each unit where servicemen were killed or died. Information was provided to all personnel interested in denominational services. The Sacraments are always provided as well as religious instruction. Counselling, orientations, visits to hospitals, the stockade, and troop areas continued to establish a good rapport between the Chaplains and the men. The more than adequate Chaplain coverage within the Brigade for Religious Activities and other moral support highlights the overall coverage by the brigade Chaplains. Chapel attendance continues to be satisfactory.
(2) Statistical report for period 1 August-31 October 1968:

<table>
<thead>
<tr>
<th>Service Type</th>
<th>ATTENDANCE</th>
</tr>
</thead>
<tbody>
<tr>
<td>Number of Services</td>
<td>633</td>
</tr>
<tr>
<td>Number of Memorial Services</td>
<td>22</td>
</tr>
<tr>
<td>Orientations</td>
<td>13</td>
</tr>
<tr>
<td>Hospital Visits</td>
<td>161</td>
</tr>
<tr>
<td>Counselling Cases</td>
<td>666</td>
</tr>
<tr>
<td>Letters to Churches</td>
<td>444</td>
</tr>
<tr>
<td>Letters of Condolence</td>
<td>64</td>
</tr>
</tbody>
</table>

m. Finance.

The major operation or activity of the current reporting period was the announcement and completion of Conversion Day (C-Day). The first conversion of military payment certificates in Vietnam occurred on 21 October 1968. Upon the official announcement of C-Day, normal finance office operations ceased and immediate implementation of Operation C-Day began. The actual business of conversion with the Finance Office was smooth and efficient. Preparation included briefing of finance personnel, stockage of pertinent forms and review of orders to insure that orders for Conversion Agents remained current. Priority of conversion was given to the Post Office, Post Exchange, and other non-appropriated activities to insure a rapid return to normal business for those activities. The conversion for individuals was handled through conversion agents, appointed on orders. Individual conversions were completed during the first three days of C-Day.

n. Brigade Surgeon.

(1) The health of the command shows an average admission rate of 50/1000/annum, and a daily non-effectiveness in respect to sick days as an average of 333 per month. The highest rates were during the month of September when the brigade was active in its extended AO to the west of Saigon and most of the admissions were casualties from booby traps.
(2) Malaria showed an increase in the number of cases especially during the months of September (25 cases) and October (20 cases). The monthly rate of cases during the previous reporting period ranged from 3 to 7 cases. This increase shows the effect of operating in an area with a high mosquito population.

(3) The incidence of diarrhea remained about the same as the previous reporting period (average of 30/1000/annum). The highest incidence was during the month of September when 40 cases were reported. This shows the effect of a low level of sanitation when a unit began operations in a new area.

(4) The venereal disease rate has progressively increased each month until a new high of 162 cases were reported during September. Emphasis on the purchase of prophylactics from unit funds did not have any apparent effect on the number of cases. Research into the problem revealed that the poor quality of the prophylactics then available during the months of August and September discouraged many units from buying them. The Post Exchange Officer was notified and he was able to obtain 4,032 good quality prophylactics for sale in the PX.

(5) Skin and cellular disease were greatly increased during the month of September when the brigade was operating in an inundated area. The number of cases of foot diseases were 2½ times the usual number. An extensive program of command emphasis on foot care was started in which an officer inspected the feet of the men in his unit daily.

(6) The number of cases of hepatitis tripled (19) during the month of September, but fell to a new low of only 3 cases during October. Extensive operations in the new brigade A0 where the area sanitation was low was thought to be the main factor in causing the increase in hepatitis cases.

(7) Field Sanitation Teams appointed during the month of August were trained and certified by a team of instructors from the 20th Preventive Medicine Detachment during the month of September.

(8) New latrines were designed by the 87th Engineers and distributed to all the line companies during the month of September. An improved burn barrel was designed during the month of October to compensate for the absence of urine deflectors. Handles cut near the top of the barrels facilitated the handling of heavy barrels.

(9) The Battalion Surgeons and Corpsmen held MIDCAP in many hamlets and villages of the brigade A0. A total of 20,000 patients were seen and treated.
2. (C) Section 2, Lessons Learned: Commander's Observations, Evaluations, and Recommendations.

a. Personnel.

(1) Foot Problems Due To Prolonged Exposure to Water.

(a) OBSERVATION: Troops operating in inundated areas will have fungal and/or bacterial infection of the feet and/or lower legs if exposed to watery terrain for more than 48 hours. Some individuals can tolerate longer exposure than others before maceration and infection occur.

(b) EVALUATION: There are many approaches to preventing foot problems. Frequent changes of socks, air drying of the feet and wearing of shower shoes are all helpful. The exact status of an individual's feet can only be determined by periodic examination of the feet by a responsible individual. The responsible officer will then have some idea of the condition of his troops and will know whether or not they can tolerate additional exposure to water.

(c) RECOMMENDATION: Command emphasis on daily inspection of the feet of individuals involved in operations in inundated areas by the officer responsible for the unit helps alleviate the foot problem.

(2) Utilizing Non-School Trained Personnel as Military Policemen.

(a) OBSERVATION: Both Military Police platoons experienced a shortage of personnel and it became necessary to utilize personnel that were not school trained Military Policemen. After instruction and on-the-job training, these personnel have become excellent Military Policemen.

(b) EVALUATION: The 153d Military Police Platoon and the Headquarters and Headquarters Company Military Police Platoon were experiencing difficulty fulfilling commitments because of the critical shortage of personnel. During this period, personnel with a 45B1IDS could not be acquired through the replacement system. Over 200 records were screened in Redcatcher Training Center and approximately twenty-seven individuals were selected for Military Police duty after personal interviews were conducted. Selections were made based on individual driver qualification scores, height, weight, education and attitude. Personnel were then given twenty hours of formal instructions before being assigned Military Police duties. Each individual was then trained on-the-job with an experienced MP until the determination was made that he could perform effectively.
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b. Operations.

(1) Artillery Fire Control.

(a) OBSERVATION: Stringent requirements imposed on artillery firing into the densely populated area around Saigon have necessitated significant changes in the battalion's fire control procedures.

(b) EVALUATION: While the battalion fire direction center (FDC) exercised only limited technical fire direction, primarily monitoring registrations and metro computations, the control of fires has been centralized at battalion FDC. Targets of opportunity are attacked conventionally, with the call for fire passing directly to a battery from the forward observer or through the artillery liaison officer if transmission relay is required. Unobserved fires are integrated, planned, and coordinated at the battalion FDC under a Program of Unobserved Fires (PUF). The PUF is produced on a daily basis from intelligence information, analysis of previously acquired targets to pin-point areas of activity, targets submitted by forward observers and liaison officers and from interdiction fires planned to fill gaps in maneuver positions or deny suspected rocket launch sites. The extent of the PUF for any given day depends on three factors: ammunition availability, targeting information, and number of fire units available. The PUF is modified during the night to eliminate targets which are adjacent to areas taken under fire in response to radar and/or visual sightings. By using the PUF, the battalion FDC insures that ammunition expenditures on unobserved targets represent the best planned use of available assets and assists in categorizing targets for reporting.

(c) RECOMMENDATION: That all artillery battalions be enjoined to exercise the maximum centralized control of fires even though massing of fires is not feasible throughout the battalion.

(2) Fire Clearance Procedures.

(a) OBSERVATION: The entire problem of fire clearance poses a significant burden on both fire planners and the fire unit.

(b) EVALUATION: In most cases, in the Saigon area, clearances must be secured from US, ARVN and GVN agencies for each target area; however, the district advisory team is able to secure ARVN and GVN simultaneously upon request. Where ever possible, the artillery liaison officer with the maneuver battalion obtains all clearances for fires within the supported battalion's AO. The artillery liaison officer at brigade obtains the clearances in those areas of the brigade AO which are not assigned to a battalion. This procedure works well.
and facilitates simultaneous support of widely separated operations. Note that while the clearances are decentralized for rapid response, fire control remains centralized to ensure that safety criteria are observed and fires fit the context of responding with the "measured use of artillery."

(c) RECOMMENDATION: None.

(3) Augmentation of Organic Artillery.

(a) OBSERVATION: Supporting a light infantry brigade operating in such a large AO has required additional artillery in the General Support Reinforcing (GSR) role to provide the required degree of coverage (three batteries on each operation of platoon size and larger).

(b) EVALUATION: The 2d Battalion, 40th Artillery has four 105mm Howitzer batteries organic, two 105mm Howitzer batteries GSR, one 155mm Howitzer (SP) battery GSR, and one 8 inch/175mm Gun (SF) battery GSR. This mix of caliber affords great flexibility in the attack of targets and reduces the number of displacements required for support of operations.

(c) RECOMMENDATION: Wherever possible, Force Artillery assets be placed in GSR of the light infantry brigade direct support Battalion to augment the fires on a responsive basis.

(4) Consideration of Tides and Season Changes in EVAluation of Enemy Capabilities.

(a) OBSERVATION: There are numerous factors in consideration of enemy capabilities of navigation of streams and waterways. Estimates must be based on the enemy's capabilities to use the waterways. Navigability on some waterways depends directly on tides as well as seasonal rains.

(b) EVALUATION: In the central and southern III Corps area the waterways represent the most important lines of communications for the VC. All of the VC base and staging areas are connected by numerous canals and streams, offering the enemy excellent routes of infiltration, access and regroup. On many streams in central and southern III Corps, the tide rises and the monsoon season influence the navigability of the waterways considerably. Streams that seem to be inadequate for water transportation during the dry season, may be fully navigable during the wet monsoon season. These streams are further influenced by the tides. It has been noted that the VC are conducting most of their water supply during the wet season, when the navigability is at its
(e) RECOMMENDATION: To be able to evaluate the enemy capabilities to use the waterways, a detailed waterways study must be conducted. This study will serve as a basis for planning of ground and water interdiction as well as preparation of riverine operations. It is further necessary to continuously update this study, especially when the seasons change.

(5) Census - Population and Resources Control In Counter-Infrastructure Operations.

(a) OBSERVATION: An ideal aid in Cordon and Search operations is a complete census of the community within the area of operation. In most cases, these documents are nonexistent. The constant move of population control problems.

(b) EVALUATION: Census and Grievances Committee under the National Police Special Branch is normally responsible for taking census. This task can not be readily accomplished due to security problems. During cordon and search operations the security is easily taken care of and the Census and Grievances teams can accomplish their tasks with relative ease. Coordination has to be effected through District and Province Intelligence advisors. The Census and Grievances teams normally bring their own National Police support. The Commander of the search element must insure that all inhabitants of the community are directed toward the census point. Psychological Operations Team, entertainment, MEDCAP, and other aid activities should be established in the near vicinity. Most effective system of census was found to be "family album". Photographs are taken of entire family groups and forms indicating the names, birth dates, birth places and current residences for each member of the family are accomplished. Polders of hamlets and villages can be assembled and disseminated to the District, Province and the unit operating in the area. The counterintelligence section has the capability to provide technical assistance such as photography and equipment. A complete listing of all residents within a community is a tremendous aid in Cordon and Search operations. It aids the commander and the intelligence officer in determining who belongs to the community, who is missing or who is there at the time of the cordon and search operations.

(c) RECOMMENDATION: Command emphasis on census should be stressed. It must be primarily accomplished by the Vietnamese. The people should be handled courteously, and the entire operation must show efficiency and a definite purpose. Thorough coordination with the Census and Grievances teams, National Police, District Officials and troops on the ground must be made.
(6) **Safety While Crossing Water.**

(a) **Observation:** Individual equipment makes water crossing difficult.

(b) **Evaluation:** Crossings are slow and hazardous.

(c) **Recommendation:** That each unit carry at least one rope (120') for use as a safety line; also that each man be equipped with snap link to use with the safety line while making water crossings.

(7) **Combat in Cultivated Pineapple Areas.**

(a) **Observation:** Symmetric planting of pineapple in rows limits visibility and makes a unit vulnerable to enemy fire when on the move.

(b) **Evaluation:** The terrain of pineapple areas forces stringent control measures for maximum protection.

(c) **Recommendation:** The following points should be considered when planning operations:

1. Axis of advance should place wind to the back in the event gas can be used.
2. If possible, walk artillery before the advance.
3. Make maximum use of reconnaissance by fire.
4. Extra smoke grenades, hand grenades, and R-79 rounds are highly recommended.

(8) **Protective Masks.**

(a) **Observation:** Protective mask filters become clogged and ineffective when masks get wet. Protective mask plastic waterproof bags do not adequately protect masks from moisture.

(b) **Evaluation:** It is a requirement to have protective masks available at all times when on operations.

(c) **Recommendation:** That each unit require one member of each squad to carry a squad member's protective masks. They are stored in a waterproof bag, strapped to a ruck sack frame. This deers the masks out of the water and permits them to be easily handled when making stream crossings.
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(9) Crossing of Culebra at Low Tide.

(a) OBSERVATION: Navigation of canals at low tide is extremely difficult.

(b) EVALUATION: Canals are very difficult to navigate because 12-20 inches of salt and mud remain in the bottom of canals after the water has receded.

(c) RECOMMENDATION: That units faced with this situation cut nips pals and place this on the mud to provide a walkway on which to cross. When walking through mud, walk on the balls of the feet, leaning forward. Never get both feet side-by-side. Don't run all the mud as one will tire quickly and perhaps stop to catch his breath, thus causing one to sink in the mud.

(10) Mines and Booby Traps. (See Inclosures 2 & 4)

(11) Waterway Navigability. (See Inclosure 3)

(a) Training: None.
(b) Intelligence: None.
(c) Logistics: None.
(d) Organization: None.

3. (c) Section 3, Headquarters, Department of the Army Survey Information: Escape and Evasion.

(i) Camouflage, Cover and Concealment.

(a) OBSERVATION: The use of camouflage on the body can assist in preventing detection.

(b) EVALUATION: At 1700 hours 3 August 1968, SP4 Danny Schuts, US...397, a member of 2/3d Infantry, 99th Inf Bde, a Radio Telephone Operator was aboard an LCVP boat returning from a RIF mission with his unit when they were ambushed from the river bank. An RPG round hit the boat in which SP4 Schuts was riding. The impact of the round knocked him and one Vietnamese sailor overboard. Both men found themselves in the water, unwashed, and the boats rapidly departing the area, and a platoon sized VC force along both river banks. The men swam ashore and crawled from the water into the thick vegetation. The action of crawling through the mud while climbing the river bank resulted in both men being completely covered with mud from head to toe. This camouflage is what Schuts credits with saving his life. Once ashore the men lay still and remained undetected although the VC were at times only 15 feet away. Once the LCVP'S
had broken through the ambush kill zone they continued downstream.
The VC then gave chase on foot along the river bank. This enabled
Schuts and the sailor to move away from the area. They ran to the
nearest GVN Outpost - a distance of 1500 meters; there Regional
Forces personnel gave the two men assistance.

(c) RECOMMENDATION: Training in camouflage procedures cannot be
over emphasised. SP4 Schuts’s successful evasion can be utilised as
a training point on the importance of camouflage to the individual
soldier.

FREDERIC E. LAVISON
Brigadier General, USA
Commanding

7 Incl

1. Map, VC Routes (Cpy 1 & 2)  
2. Study, Booby Traps
3. Study, Waterway Navigability
4. Photomap Map (Cpy 1 & 2)
5. Map, enemy positions.
6. Training schedule, classes on mines and booby traps (Cpy 1-9)
7. Chart of Communications Nett.

FREDERIC E. LAVISON
Brigadier General, USA
Commanding
SUBJECT: Operational Report for Headquarters, 199th Infantry Brigade for Period Ending 31 October 1968, RCS CSFOR-65

TO: See Distribution

Subject ORIL has been reviewed by this Headquarters and is forwarded without comment.

FOR THE COMMANDER:

[Signature]

R. L. ERBHALT
Major, AGC
Adjutant General
AVFBC-RE-H  2nd Ind
SUBJECT: Operational Report for Headquarters, 199th Infantry Brigade
         For Period Ending 31 October 1968, RCS CSPFOR-65 UIC WPDBAB

DA: HQ II PPORCIV, APO San Francisco 96266  16 DEC 1968
THRU: Commanding General, US Army Vietnam, ATTN: AVHGC(DT), APO 96275
       Commander-In-Chief, US Army Pacific, ATTN: Gr-OV-JT, APO 96558
TO:   Assistant Chief of Staff for Force Development, Department of the
       Army, Washington, D.C. 20310

1. (U) Subject report is forwarded.

2. (U) This headquarters has reviewed and concurs with the Operational
       Report-Lessons Learned of Headquarters, 199th Infantry Brigade for the
       period ending 31 October 1968.

FOR THE COMMANDER:

O. B. FORY
1LT, AGC
Asst AG
AVH-Q-AT (31 Oct 68) 3d Ind

SUBJ-CT: Operational report for Headquarters, 199th Infantry Brigade
for Period Ending 31 October 1968, AGS GSPOR-65, UIC WPSLAB

HEADQUARTERS, UNITED STATES ARMY, VIETNAM, APO San Francisco 96375-10 DEC 1968

TO: Commander in Chief, United States Army, Department of the Army, APO San Francisco 96375-10 DEC 1968

This headquarters has reviewed the Operational report-Lessons Learned for the quarterly period ending 31 October 1968 from Headquarters, 199th Infantry Brigade and concurs with the report.

FOR THE HQ: 199th Infantry Brigade

W. C. Arnitz
CPT, AGC
Assistant Adjutant General
SUBJECT: Operational Report of 199th Inf Bde for Period Ending 31 October 1968, RCS CSFOR-65 (R1)

Hq, US Army, Pacific, APO San Francisco 96558 13 JAN 1969

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

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

FOR THE COMMANDER IN CHIEF:

C. L. SHORR
CPT, AGC
Au/ AG

46.
SUBJECT: Study of Enemy Booby Traps (BBT)

DISISTRIBUTION

1. INTRODUCTION

Recently the enemy command echelon published a directive to Viet Cong/WNA units to inflict as many casualties on U.S., ARVN and FNC, without getting decisively engaged. During the past two weeks there has been a marked increase in VC use of booby traps. These booby traps are not new to the VC tactics, but the varied uses and combinations of sophisticated and primitive devices are different.

2. GENERAL CONSIDERATIONS

a. Normal VC employment of booby traps (BBT), was to deny us the access to a specified area. In most of the cases, the enemy had a system of complicated marking and warning signs for booby trapped areas. In the past two weeks there has been a total absence of these markings. A possibility exists that the enemy is employing the booby traps to deny us the freedom of movement through specified areas, not planning to use the area for his own movement. Another possibility exists that booby traps are employed on the flanks of an area, while a free path (generally from a less accessible approach) may exist. In any case, a careful examination of the area by the troops and Kit Carson scouts failed to discover any markings or warning signals.

b. The purposes of placing booby traps are varied as much as the devices employed. As previously mentioned, BBTs are used to inflict maximum casualties; to slow down the pursuing forces; to protect ammunition and supply cases; to demoralize and harass our forces. In some cases, powerful booby traps were emplaced on high poles along the landing zones against helicopters. Some of these BBTs were command detonated as well as using elaborate trip wires and pressure devices.

3. TYPES OF EXPLOSIVE DEVICES

a. The most common BBT are constructed of hand grenades (fragmentation attack). In most cases, the normal five second delay fuse has been removed and an instantaneous fuse has been substituted. Several booby traps consisting of a cluster of three to five hand grenades were discovered. A trip wire was attached to the pull ring of the grenade pin and stretched across a path or likely avenue of approach. The grenades have been placed on the ground, concealed in the bush about three feet off the ground, or hung in the trees. All
types, including captured U.S. grenades have been found. A primitive, easy to construct, but effective activating mechanism was discovered on numerous occasions. A grenade with pulled pin was inserted into a tin can. The tin can was anchored to a tree while a trip wire was fastened to the grenade. A series (up to 12) of grenades was connected to a single trip wire was used. The point man tripped the wire and the series of grenades exploded along the path wounding every one in the squad.

b. Mines have been used extensively by the VC. Among these are home made variety, manufactured concrete mines, and captured U.S. mines. Claymore mines are most dangerous and are used by the VC extensively along the roads as well as near their case areas. Trip wires as well as command detonation wires were discovered. North Vietnamese, CHICOM and home made claymore mines have been found.

c. Shells, high explosive munitions and bombs are used frequently by the VC/NVA forces. Mortar shells and 105/155 shells are among the most common of these types of booby traps. To prepare these, the fuse is removed and regular detonating mechanism is inserted. In some cases the projectiles were wrapped with det. cord. In one case, a 750 pound aerial bomb (dud) was used as a road mine against a U.S. tank. Subsequent interrogation of a VC PW revealed that the Viet Cong simply drill a hole in the body of the bomb and insert the firing device.

1. Improvised explosive devices are numerous and effective depending on the resourcefulness and imagination of the enemy. C-4 explosive mix-a with old nails, scrap metal and glass, stuffed into a tin can provides an effective explosive device. Various forms of cast TNT and homemade mines have been discovered throughout RVN. Firing devices are easily constructed, but in most cases the standard grenade (instantaneous and five second delay) fuses were used. These fuses are readily available through VC/NVA supply channels.

4. TRIP WIRES

a. In most cases the trip wires were found across paths and roads about ankle high and frequently well camouflaged. The explosives were encased nearby.

b. In several cases, the trip wires and pressure devices were found not on the path, but along side. A sniper would open fire on a patrol on a path. In this case everybody gets off the road for cover and into the trip wires.

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c. Rice paddy dikes and shores of canals are favorite places for VC trip wires. In many cases, trip wires have been placed just under the surface of water near a dike, with the explosive on the dike or shore.

d. Materials used have also been varied. This green wire, thin cord, nylon strings as well as relatively thick wire were recovered. Trip wires have been found taut as well as slack in the grass and on the bushes. They are very difficult to detect, especially in tall grass.

e. Peculiar tactics in the use of booby traps.

(1) Two instances of booby trap emplacement were noted 23-26 September 1968. Unit in a night defensive position was engaged by enemy small arms fire from nearby nipa palm grove. An element was immediately dispatched to destroy the enemy firing position. A short distance from the perimeter the element encountered numerous booby traps. The enemy troops infiltrated to within 150 meters from the perimeter and placed the booby traps. Then they withdrew and opened fire. The trails were checked out prior to darkness, there were no booby traps there at that time, indicating that the booby traps were placed there after dark.

(2) On one occasion, 28 September 1968, a night NDF was under an intensive VC mortar attack. When friendly illumination was fired, a group of VC was spotted emplacing booby traps. A detailed search of the area revealed that booby traps were placed along all possible routes from the NDF.

During bunker destruction operations several men were injured by a grenade air burst. A further check revealed that a grenade with its pin pulled was placed in a ball of (dried) mud and imbedded into the side of the bunker. When the bunker was destroyed, the grenade was hurled more than 40 meters, exploding approximately 3 meters above the ground. Several enemy bunkers were checked and two additional booby traps of this type were uncovered.

5. CAPITULATION OF BOOBY TRAP SITUATION IN THE PINEAPPLE PLANTATION.

... Pineapple plantation is a well known important Viet Cong/NVA base area. It lays 2/3 of the way between Ba Thu, Cambodia and Saigon. There are a series of base camps with extensive fortifications and supply areas in the pineapple. Recent friendly operations in the plantation have kept the VC/NVA from using this area and it is now evident that the enemy is taking steps to discourage and make costly all friendly operations in the pineapple. During the last several operations, the troops from 4/12, 2/3, and 5/12 have encountered numerous booby traps. Excessive casualties were suffered by these units.

b. It is known that the Viet Cong are employing the booby traps around the known base areas, supply caches and routes of approach. In some instances the positioning of the booby traps indicated that the routes to and from landing zones have been found booby trapped. This
indicates that after the numerous operations conducted by our forces
in and around the pineapple plantation, we have established a pattern.
Since the avenues of approach are limited, it must be anticipated that
these routes will be booby trapped.

c. There is no particular pattern in type and method of employment
of booby traps in the pineapple area. From the varied composition of
devices and use of trip wires, it is assumed that devices that are
available in a given area are used. It is possible that there are caches
of this material in each of the base areas.

d. From discussions with advisors and Vietnamese personnel
operating in that area as well as from interrogation reports, it was
determined that there is a small unit of Viet Cong that is charged
with placing of booby traps throughout the plantation. This method
is logical and very effective. Another consideration is that in most
cases the booby traps, when found, were relatively new and hastily
constructed. These facts indicate that the enemy may have set the
devices just prior to or after our arrival in the area. In many cases
the short time lapse between artillery IZ preparation and actual
insertion is sufficient for the enemy to set the booby traps.

e. The following are examples of VC's heavy use of booby traps
in and around the pineapple plantation. These examples have been
compiled from reports rendered by units, interviews with commanders and
men on the ground. Compilation of these incidents is intended to show
the many varied methods in VC employment of booby traps.

(1) 16 September X5742830, B/2d Bn, 3d Inf, found a booby
trap consisting of one U.S. grenade and trip wire stretched in nipa palm
grove.

(2) 7 September X5751663, A/2d Bn, 3d Inf, found a booby
trap consisting of two CHICOM grenades and trip wire. At X5746648
three more booby traps were found consisting of one each U.S. grenades.
At 0557 a CHICOM grenade booby trap was detonated by troops from
B/4th Bn, 12th Infantry resulting in one U.S. and one Hoi Chanh (1st
Carson Scout) WIA. In the same area four more CHICOM grenade booby
taps were found.

(3) 18 September X542899, B/4th Bn, 12th Inf, found and destroyed
one CHICOM grenade booby trap in the same general vicinity B/4th Bn,
12th Inf suffered 9 MIA (one scout dog was killed). At X5728808
0303 D/5th Bn, 12th Inf destroyed 18 grenade (CHICOM) booby traps. String has been used for trip wire. It should
be noted that extensive artillery and air preparation had been conducted.
There were several large and small secondary explosions, indicating that
some booby traps and caches were exploded.

(4) 19 September X5937599, D/5th Bn, 12th Inf, destroyed six U.S.
and CHICOM grenade booby traps. In the same vicinity D/5th Bn, 12th Inf.
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had three U.S. WIA from a CHICOM booby trap. At 3S591799 D/5th Bn, 12th Inf found and destroyed a booby trapped 105mm round and one grenade booby trap.

(5) 20 September 3S567805, B/4th Bn, 12th Inf, fired M-79 into tree line resulting in numerous secondary explosions caused by booby traps.

(6) 21 September 3S776777, A/3d Bn, 7th Inf, had four U.S. WIA from a booby trap. A claymore mine was identified. At 3S572790, A/2d Bn, 3d Inf had one U.S. KIA and six WIA from a booby trap consisting of 4.2" mortar round and trip wire. Two more grenade (US) booby traps were encountered causing additional two U.S. WIA.

(7) 22 September 3S569799, A/2d Bn, 3d Inf, found an improvised booby trap made of C ration can stuffed with C-4 explosive. Standard CHICOM grenade fuses with trip wire was used. Further examination of the area produced a small ammunition cache of eight cases of AK-47 ammunition and six RPG-2 rounds. At 3S569115, C/2d Bn, 3d Inf found and destroyed five booby traps (CHICOM grenades, three grenade booby traps in bunker and one explosive charge (1lb) booby trap with trip wire). In the same vicinity C/2d Bn, 3d Inf suffered one U.S. KIA and three US WIA from a CHICOM grenade booby trap.

(8) 23 September 3S591916, C/2d Bn, 3d Inf suffered one U.S. KIA and three U.S. WIA from a booby trap. BBT was a U.S. claymore mine placed in a tree, trip wire attached loosely on the ground and bushes. At 3S581115, ARVN Rangers suffered one KIA and nine WIA from a multiple grenade "trip". At 3S708634, A/2d Bn, 3d Inf suffered two U.S. WIA from two grenade (US) booby traps. BBT wires were strung across dike.

b. CONCLUSIONS

During an eight day period (16-23 September), the units of the 199th Infantry Brigade suffered three KIA and 34 WIA from booby traps. It is anticipated that the enemy will continue to use booby traps in the future. These devices have proven themselves very effective for the enemy at minimal or no cost of their own lives. Alertness is the key to prevention of casualties from booby traps. Every area of operation must be suspected as booby trapped.

S/R, THE COMMANDER:

E. H. SUTCLIFFE
Captain, AOC
Adjutant General

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Diagram #1

- C-ration can (visible)
- Tripwire (visible)
- Well concealed booby trap
- Nipa palm grove

25 meters
Operational Report - Lessons Learned, Hq, 199th Infantry Brigade (Sep) (Light), Period Ending 31 October 1968 (U)

Experiences of unit engaged in counterinsurgency operations, 1 August - 31 Oct 1968

CG, 199th Infantry Brigade (Sep) (Light)