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HEADQUARTERS
1st Engineer Battalion
1st Marine Division (Rein), FMF
FPO San Francisco, California 96602

3/JCC/Opj
5750
Ser. No. 011-68
10 Mar 1968

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From: Commanding Officer
To: Commanding General, 1st Marine Division (Rein), FMF
Subj: Command Chronology for the period of 1 February to 29 February 1968

Ref: (a) MCO 5750.2
(b) FMFPac 5750.8
(c) DivO 5750.2B

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Encl: (1) 1st Engineer Battalion Chronology

1. In accordance with the provisions in reference (a), (b), and (c), enclosure (1) is submitted herewith.

Logan Cassidy
LOGAN CASSIDY

Approved by the Director of
1st Marine Corps History and Museums
in accordance with the provisions
of CMC 1tr Ser 009D325/232096 of
1 Mar 1979
Signature Date 2/18/97

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Feb 10 1968

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1ST ENGINEER BATTALION

COMMAND CHRONOLOGY

PART I	ORGANIZATIONAL DATA
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~~DECLASSIFIED~~PART IORGANIZATIONAL DATA1. DESIGNATION

1st Engineer Battalion

COMMANDER

LtCol L. CASSEDY

20Oct67 - Present

SUBORDINATE UNITS

H&S Company (-)

Capt J. S. HACK JR.
1stLt E. G. POULIN13Sep67 - 17Feb68
18Feb68 - Present

Support Company (-)(Rein)

Capt E. A. HARRIS
Capt J. M. BUTLER JR.13Sep67 - 11Feb68
12Feb68 - Present

Company "A" (-)(Rein)

Capt J. M. BUTLER JR.
Capt E. A. HARRIS3Aug67 - 11Feb68
12Feb68 - Present

Company "B" (Rein)

1stLt G. L. NEWKIRK
Capt J. S. HACK JR.10Oct67 - 17Feb68
18Feb68 - Present

Company "C" (Rein)

Capt J. R. KMARAS

4Nov67 - Present

2. LOCATION1st Engineer Battalion
minus Company "A" (-)(Rein)
and Company "B" (-)(Rein)

21Apr67 - Present

Danang, RVN

1st Platoon, Company "B"
5th Engineer Battalion

28Feb68 - Present

Danang, RVN

Company "A" (-)(Rein)

31Jan68 - Present

Phu Bai, RVN

Company "B" (-)(Rein)

16Jan68 - Present

Phu Bai, RVN

1st Platoon, Company "B"

26Dec67 - Present

Phu Loc, RVN

3rd Platoon, Company "B"

30Oct67 - Present

Danang, RVN

3. STAFF OFFICERS

Executive Officer

Maj S. A. JOHNSON

18Jan68 - Present

Sergeant Major

1stSgt J. R. JOHNSON

4Sep67 - Present

S-1/Adjutant

1stLt R. J. FORBELL

1Dec67 - Present

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S-3	1stLt C. D. VENUTO	21Sep67 - Present
S-4	Maj J. C. CHAMBLISS	4Nov67 - Present
Supply Officer	Capt L. R. CORNWELL	14Mar67 - Present
Communications Officer	1stLt G. L. FADER	1Jan68 - Present
Medical Officer	1stLt E. G. POULIN	12Jul67 - Present
M. T. Officer	Lt T. M. LOECKER	1Aug67 - Present
Engineer Equipment Officer	Capt H. B. WENGER CWO-4 C. C. BUCEK	10Sep67 - 25Feb68 26Feb68 - Present
Utilities Officer	WO-1 D. T. CARROWAY	6Sep67 - Present
Construction Officer	1stLt J. H. WILLER	10Oct67 - Present
	WO-1 D. D. TAPLEY	28Jun67 - Present

4. AVERAGE MONTHLY STRENGTH

<u>USMC</u>	<u>USN</u>		
<u>OFF</u>	<u>ENL</u>	<u>OFF</u>	<u>ENL</u>
31	644	2	13

PART IINARRATIVE SUMMARY

During the month of February 1968, the 1st Engineer Battalion (-) was committed to combat engineer support missions while simultaneously accomplishing 70 Division and Battalion Work Orders and other engineer projects, maintaining assigned mine detection and clearing sweeps, and providing engineer support to 22 Rough Rider convoys. Combat engineer companies, reinforced by elements of Headquarters and Service Company and Engineer Support Company, supported Operation HUE CITY, two small unit search and destroy operations, and one reconnaissance insert. Casualties on these operations were one KIA and 11 WIA.

During the reporting period, 2,857,000 meters of road in the 1st Marine Division TAOR were swept for mines, with 71 mines and boobytraps being located and destroyed. In addition, seven roadblocks were neutralized and removed. Engineer sweep teams were ambushed on 11 different occasions resulting in three USMC WIA and two V.C. KIA.

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During February 1968, personnel of this battalion located throughout the TAOR were required to man perimeter defenses during the hours of darkness. This increased alert status, which existed for approximately 50% of the reporting period, precluded full time availability of engineer personnel to accomplish anything but critical/high priority engineer projects. Company "A" (-) Reinforced and Company "B" (-) Reinforced continued to operate in direct support of Task Force X-Ray in the Phu Bai portion of the TAOR. In order to insure effective employment of 1st Engineer Battalion personnel and resources in this area the Commanding Officer of Company "A" was designated as 1st Engineer Battalion Forward Coordinator effective 12 February 1968. In addition to providing close combat engineer support to infantry regiments and maintaining assigned mine detection and clearing sweeps, these units have been engaged in construction of bunkers, S.E. Asia huts and other construction tasks. Also, the 1st Platoon, Company "B" is rendering close combat engineer support to the 1st Battalion, 327th Infantry, U.S. Army, in operations being conducted in the Phu Loc area.

Effective 21 February 1968, the 1st Engineer Battalion commenced providing engineer support to the 27th Marines. Support provided to date includes construction of mount out boxes, installation of urinoils, installation of trip flares, and pre-cutting bunker material. In order to insure effective engineer support of the 27th Marines, action was initiated to retain the 3rd Platoon, Company "B", 1st Engineer Battalion in the Danang area in lieu of displacing to Phu Loc with the 3rd Battalion, 5th Marines. Approval of this recommendation was obtained and this platoon is currently operating in general support of the 1st Marine Division.

Effective 231500H February 1968, 1st Engineer Battalion assumed OPCON of 1st Platoon, Company "B", 5th Engineer Battalion. This platoon has been attached to Engineer Support Company.

Effective 271200H February 1968, Task Force X-Ray assumed OPCON of 1st Platoon, Company "A", 3rd Engineer Battalion. On 28 February 1968 this platoon displaced from the Danang portion of the TAOR to the Phu Loc area and joined the main body of 2nd Battalion, 3rd Marines. Company "A" of this battalion assumed ADCON of this platoon which formerly had been joined to Company "C". Proposals have been made to the 1st Marine Division to change the status of this platoon from OPCON Task Force X-Ray to command of Company "A" to provide continuity of command relationships.

Upon arrival of the 35th Engineer Battalion, U.S. Army, in the vicinity of Nam O, Quang Nam Province, the 1st Engineer Battalion rendered assistance in establishment of the Army base camp to include the loan of tent decks, prefabricated heads, and a shower unit. Prior to the 35th Engineer Battalion assuming responsibility for mine sweeping operations on Route 1 north of Nam O to the Hai Van Pass, coordination was effected which included Army Engineers attending the Land Mine Warfare School conducted by the 1st Engineer Battalion as well as Army Engineers accompanying Marines on the sweep.

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~~DECLASSIFIED~~PART IIISEQUENTIAL LISTING OF SIGNIFICANT EVENTS1. Personnel

a. Gains and losses:	<u>OFF</u>	<u>USMC</u>	<u>USN</u>
	<u>OFF</u>	<u>ENL</u>	<u>ENL</u>
Dropped:	1	52	0
Joined:	0	48	0
b. <u>KIA</u>	<u>WIA</u>		
1	29		

2. Intelligence

a. Road and Bridge Reconnaissance. During the reporting period procedures whereby mine sweep teams submit daily reports of road, bridge, and culvert conditions for routes being swept were continued.

b. Weather. The weather encountered was characteristically dry and warmer than usually expected for this month. Light precipitation was experienced on four occasions. The skies were overcast at night approximately 80% of the time during the first half of the month, but cleared towards the end of the month. The roads were dry and dusty.

c. Mine Warfare

(1) Rewards Program. The battalion paid a total of 2,800\$VN in rewards payments as follows:

(a) 2 Feb 1968 - Payment of 300\$ VN to a Vietnamese boy for five M-16 magazines and one bayonet at AT 804545.

(b) 5 Feb 1968 - Payment of 300\$ VN to a Vietnamese girl for one handset for AN/PRC-25 at AT 828558.

(c) 5 Feb 1968 - Payment of 300\$ VN to a Vietnamese boy for three M-26 grenades at AT 804545.

(d) 6 Feb 1968 - Payment of 350\$ VN to two Vietnamese boys for two loaded M-16 magazines, two M-79 rounds, and one 90mm round at AT 939753.

(e) 6 Feb 1968 - Payment of 200\$ VN to a Vietnamese girl for the location of a satchel charge at AT 816549.

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(f) 6 Feb 1968 - Payment of 100\$ VN for one M-79 round at AT 803543.

(g) 8 Feb 1968 - Payment of 1,000\$ VN to a Vietnamese National for four ChiCom grenades, one AP Mine, two AK-47 magazines, and 40 AK-47 rounds at AT 922724.

(h) 9 Feb 1968 - Payment of 250\$ VN to a Vietnamese National for locating one 50 lb box mine.

d. Detainees. The 1st Engineer Battalion had three detainees during the month of February 1968. One NVA POW was interrogated before being forwarded to the Detachment, MACV Headquarters, Danang.

e. Enemy Ordnance

(1) Six box mines, six TNT charges, ten Anti-Tank mines, nine Soviet mines (DH-10, DH-7), eight Anti-Personnel mines, nine assorted boobytraps, four artillery/mortar rounds and 11 grenades were located and destroyed on routine sweeps in the 1st Marine Division TAOR.

(2) Total enemy ordnance destroyed:

<u>80 lb box mine</u>	<u>50 lb box mine</u>	<u>40 lb box mine</u>	<u>30 lb box mine</u>	<u>20 lb box mine</u>
one	one	one	two	two

<u>25 lb box mine</u>	<u>10 lb box mine</u>	<u>ChiCom Concussion grenades</u>	<u>ChiCom grenades</u>
two	one	five	five

<u>5 lb TNT mine</u>	<u>DH-10 mine</u>	<u>DH-7 mine</u>	<u>AP Mines</u>	<u>AT mines</u>	<u>400 lb TNT Charge</u>
three	eight	one	eight	nine	one

20 lb TNT Charges
five

(3) Total U.S. ordnance destroyed:

<u>8" How round</u>	<u>155mm round</u>	<u>105mm round</u>	<u>81mm round</u>	<u>60mm round</u>	<u>Rocket rounds</u>
two	one	one	one	one	150

<u>250 lb bomb</u>	<u>M-26 Grenades</u>	<u>U.S. AT mine</u>	<u>Claymore mines</u>	<u>M16 AP mine</u>
one	two	one	two	one

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3. Training

a. Demolitions, Land Mine Warfare and Viet Cong Boobytrap School was attended by 87 personnel (12 infantry, 39 Army Engineers from 35th Engineer Battalion (USA), and 36 Marine Engineers).

b. During the month of February 1968, one day classes in Land Mine Warfare and Viet Cong Boobytraps were conducted to 839 personnel (Div Schools - 89, 2nd Battalion, 3rd Marines - 415, 27th Marines - 213, III MAF CAG School - 63 and the 1st and 5th Reconnaissance Battalion - 59).

c. During the month of February 1968, four one hour classes were held for the Officers and SNCOs of this battalion covering the following subjects:

- (1) Psychological Operations
- (2) Fuel Air Explosive Device
- (3) Survivors and Veterans Benefits
- (4) PSYOP Equipment

d. Motor Transport School was conducted on the operation and preventative maintenance of: M274A2 - 11 personnel, M422A1 - 11 personnel and M37 - 11 personnel. All personnel were licensed for the respective vehicles.

e. On 25 February 1968, battalion competition in MOS training was conducted. This competition, designed to augment regularly scheduled MOS training, included events in heavy equipment, motor transport, utilities and combat engineer subjects.

4. Operations

a. Operation HUE CITY

Company "A" provided one officer and 11 engineers and Company "B" provided 24 engineers for close combat engineer support of Operation HUE CITY, a combined operation of 1st Battalion, 1st Marines and 2nd Battalion, 5th Marines, which commenced on 2 February 1968 and is still in progress.

b. Search and Destroy Operation

Company "C" provided six engineers for close combat support of "C" and "D" Companies, 1st Battalion, 7th Marines search and destroy operation which commenced on 14 February and terminated on 16 February 1968.

14 - 16 February 1968

Ref: CO, "C" Co AA Rpt CMS/mrg over 3480 of 20 Feb 1968

c. Search and Destroy Operation

Company "C" provided a four man engineer team for close combat support of Company "H", 2nd Battalion, 7th Marines search and destroy operation which commenced on 20 February and terminated on 21 February 1968.

20 - 21 February 1968

Ref: CO, "C" Co AA Rpt RLC/mrg over 3480 of 29 February 1968

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d. Search and Destroy Operation

23 February 1968

Company "C" provided a two man engineer team for close combat engineer support of Company "L", 3rd Battalion, 7th Marines one day search and destroy operation on 23 February 1968.

Ref: CO, "C" Co AA Rpt RLC/mrg over 3480 of 26 Feb 1968

e. Search and Destroy Operation

25 February 1968 - Still in progress

Company "C" is providing a six man engineer team for close combat engineer support of Company "B", 1st Battalion, 7th Marines search and destroy operation which commenced on 25 February 1968 and is still in progress.

f. Operation MISSION 80

15 February 1968

Company "A" provided a four man engineer team to destroy 150 rockets that had been accidentally dropped by an aircraft in the vicinity of Phu Bai (YD 865189) on 15 February 1968.

Ref: CO, "A" Co AA Rpt 01:TVC:ljj over 3480 of 17 Feb 1968

5. Water Supply. During the month of February 1968, the 1st Engineer Battalion operated 11 water points which produced 3,849,750 gallons of potable water and 900,000 gallons of shower water, for units of the 1st and 3rd Marine Divisions.

6. Construction.

a. The following 30 Division originated work orders were completed during the month of February 1968:

(1) Constructed a bread cabinet for 3rd Battalion, 7th Marines. 40 man-hours, 30 sheets of plywood, and 400 BF of lumber were required to complete the work order.

(2) Evaluated the feasibility of installing a water point at Company "H", 2nd Battalion, 7th Marines Combat Base. Evaluation submitted to Division Engineer Office on 5 February 1968.

(3) Constructed a wooden walkway from Division Schools area to Communication Company Messhall. Material provided by Division Schools. 180 manhours were required to complete this work order.

(4) Constructed two clothing hot lockers for the BOQ Headquarters Battalion, 1st Marine Division. 80 manhours and six sheets of 4'x8' plywood were required to complete the work order.

(5) Performed necessary work and installed culverts as required on Route 14 from AT 865574 to Hill 52. Work terminated 9 February 1968 upon instructions from the Division Engineer Office. Project was approximately 70% completed. 1,800 manhours, 528 equipment hours, 204 feet of 18" culvert, 36 feet of 36" culvert, 5 bags of cement, 90 pounds of 60d nails and 2,430 BF of 6"x6"x18' lumber were expended on this project.

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(6) Covered existing trash pit and excavated new trash pit for 3rd Battalion, 7th Marines. 24 manhours and 24 equipment hours were required to complete the work order.

(7) Rehabilitated 16'x16' tin roof strongback hut that was damaged by a recent rocket attack at "H" Battery, 3rd Battalion, 11th Marines. 23 manhours, 300 BF of lumber, one roll of screening material, six sheets of 3/4" plywood, ten pounds of common nails and one gallon of roofing tar were required to complete the work order.

(8) Upgraded access road from Route 13C into 3rd LVT cantorment, upgrading included oiling of roads. 552 manhours, 439 equipment hours, 560 cubic yards of rock and 335 cubic yards of fill were required to complete the work order.

(9) Rolled and oiled parking area in vicinity of the 1st Marine Division Post Exchange. 80 manhours, 80 equipment hours and 724 cubic yards of fill were required to complete the work order.

(10) Provided backhoe to dig trenches in 11th Motor Transport Battalion base camp. 10 manhours and 8 equipment hours were required to complete the work order.

(11) Constructed 36" culvert around ladder to tower at Company "G", 2nd Battalion, 7th Marines Combat Base. 70 manhours, 30 pieces of 36" culvert, 170 BF of lumber and 20 pounds of nails were required to complete the work order.

(12) Used six FAE (Fuel Air Explosive) devices to clear brush in former enemy rocket launching sites in the 1st Battalion, 7th Marines TAOR. Six FAE charges, 80 lbs of C-4, 50 lbs of TNT, 50 non-electric blasting caps and 50 feet of detonating cord were used to complete the work order.

(13) Provided a TD-15 to improve the Landing Zone, clear fields of fire, and improve the road network in "G" and "E" Companies, 2nd Battalion, 7th Marines Combat Bases. 21 manhours and 21 equipment hours were required to complete the work order.

(14) Upgraded access road from Route 545 to 2nd Battalion, 7th Marines CP. 16 manhours and 16 equipment hours were required to complete the work order.

(15) Oiled road in vicinity of Division IRO and the IRO parking lot. Three manhours and 600 gallons of drain oil were required to complete the work order.

(16) Cleared fields of fire at An Hoa Bridge and Hill 37, 7th Marines. 32 manhours and 5 FAE's were required to complete the work order.

(17) Graded access road and compound, installed drainage ditches on both sides of the road, oiled the road and compound, and constructed a washrack at Headquarters Battalion, 1st Marine Division.

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(18) Evaluated the feasibility of constructing ASP type ammunition bunkers at Hill 55 for 3rd Battalion, 11th Marines. Evaluation submitted to Division Engineer Office on 19 Feb 1968.

(19) Improved drainage and graded motor transport lot in 3rd Battalion, 11th Marines CP. 24 manhours, 24 equipment hours and 190 feet of culvert were required to complete the work order.

(20) Provided crane with backhoe attachment to dig trenches at 4th Battalion, 11th Marines perimeter. 30 manhours and 30 equipment hours were required to complete the work order.

(21) Checked roads in 1st Reconnaissance Battalion area to ascertain the necessity of gravel. Recommendations submitted to Division Engineer Office on 20 Feb 1968.

(22) Oiled road from BT 001723 to AT 988721 at 4th Battalion, 11th Marines. Two manhours, two equipment hours and 1500 gallons of drain oil were required to complete the work order.

(23) Constructed four mount out boxes (4'x4'x2') with tops for Division Engineer Office. 16 manhours and 116 boardfeet of lumber were required to complete the work order.

(24) Constructed 50 mount out boxes for 1st Battalion, 7th Marines. 32 manhours and 51 sheets of 3/4" plywood were required to complete the work order.

(25) Upgraded access road to Hill 19 (AT 930706 to AT 942704), 1st Battalion, 7th Marines. 471 manhours, 196 equipment hours, 120 feet of culvert and 2814 cubic yards of fill were required to complete the work order.

(26) Clear lanes through minefield at An Hoa, 3rd Battalion, 7th Marines. 24 manhours and six equipment hours were required to complete the work order.

(27) Conducted a survey of the electrical and water supply systems within the 2nd Battalion, 3rd Marines cantonment. Results of the survey were submitted to the Division Engineer Office on 27 Feb 1968.

(28) Determined suitable location for generator pad and leveled as required for Headquarters Battalion - Hill 244. Two manhours and two equipment hours were required to complete the work order.

(29) Prepared defensive positions in Division Schools portion of the 1st Engineer Battalion perimeter. 3 manhours and 3 equipment hours were required to complete the work order.

(30) Accomplished work to renovate the cantonment at 2nd Battalion, 3rd Marines (BT 071649). Work order was closed out by Division Engineer Office at 35% complete. 536 manhours and 58 equipment hours were required to complete the work order.

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b. The following 40 Battalion work orders were completed during the month of February 1968:

(1) Demolished building No. 2364, 1st Engineer Battalion cantonment and salvaged all useable material. 15 manhours and 13 equipment hours were required to complete the work order.

(2) Fabricated two culvert type ammo bunkers for use with the COC bunker, 1st Engineer Battalion. Four manhours, four equipment hours, 12 pieces of 36" culvert, and 30 feet of 3/4" angle iron were required to complete the work order.

(3) Modified and installed fuel cell tanks for water storage at 3rd Battalion, 7th Marines. 94 manhours, 1,526 board feet of lumber, and 30 pounds of nails were required to complete the work order.

(4) Assembled and installed 290 feet of 18" culvert for 3rd Battalion, 11th Marines. 32 manhours and 134 pieces of 18" culvert were required to complete the work order.

(5) Constructed two desks and two bookcases for Task Force X-Ray. 12 manhours and six sheets of 3/4" plywood were required to complete the work order.

(6) Constructed a cabinet for the Enlisted Men's Club to secure cigarettes and party snacks. 32 manhours and two sheets of $\frac{1}{2}$ " plywood were required to complete the work order.

(7) Installed eight M-24 Aircraft Flares within the Headquarters Battalion, 1st Marine Division AOR. Two manhours, eight pieces of 18" culvert and 56 each 24" U-type pickets were required to complete the work order.

(8) Delivered eight loads of fill to the Village of Hoa Phu (AT 923723) prior to monsoon season, (S-5 project). Four manhours and four equipment hours were required to complete the work order.

(9) Constructed two hot lockers for salt storage, 1st Engineer Battalion messhall. 13 manhours and two sheets of $\frac{1}{2}$ " plywood were required to complete the work order.

(10) Delivered ten loads of sand for defensive positions and bunkers in the H&S Company area, 1st Engineer Battalion. Ten manhours, ten equipment hours and 90 yards of sand were required to complete the work order.

(11) Installed culverts in drainage ditch in front of maintenance and bodyshop, Support Company area, 1st Engineer Battalion. 48 manhours, 12 equipment hours, 117 feet of 18" culvert, and 32 cubic yards of fill were required to complete the work order.

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(12) Replaced drain hose leading from messhall washing area, 1st Engineer Battalion. 15 manhours, 24 pounds of cement, and 15 feet of 4" hose were required to complete the work order.

(13) Replaced blown out culverts in the 2nd Battalion, 3rd Marines AOR, Route 12 East. 48 manhours, three equipment hours, 180 pieces of 36" culvert were required to complete the work order.

(14) Fabricated heads from 55 gallon drums for Battalion S-4 Section.

(15) Constructed masonry type end walls and provided one load of fill into the holes on the main road into the Post Office and new Post Exchange, 1st Engineer Battalion. 126 manhours, 13 pieces of lumber, 1½ cubic yards of sand, three yards of aggregate and two bags of cement were required to complete the work order.

(16) Constructed 600 feet of double apron fence in the Support Company area, 1st Engineer Battalion. 96 manhours, 11 rolls of barbed wire, and 164 stakes were required to complete the work order.

(17) Provided the S-4, 1st Engineer Battalion with a schematic layout of the battalion messhall to include location of new equipment and a wiring program. Five manhours were required to complete the work order.

(18) Oiled Route 13C from Nui Kim San to the 2nd Battalion, 3rd Marines Combat Base. 1,000 gallons of waste oil were required to complete the work order.

(19) Constructed a 16'x16' tropical hut for storage, "C" Company, 1st Engineer Battalion. 72 manhours, 550 board feet of lumber, one roll of screen, 28 sheets of plywood, 30 pounds of nails, and 30 sheets of roofing tin were required to complete the work order.

(20) Repaired the gate at Dai La Pass. Eight manhours were required to complete the work order.

(21) Relocated wiring and light fixtures in the Support Company office, 1st Engineer Battalion. Eight manhours, one fluorescent fixture, and two fluorescent tubes were required to complete the work order.

(22) Replaced damaged screens at the Officer's and EM Club. Fabricated and rehung loosely fitted doors in the messhall, 1st Engineer Battalion. 47 manhours, 60 board feet of lumber, two rolls of screen, and two sheets of plywood were required to complete the work order.

(23) Fabricated waste oil distributor tank from a 600 gallon tank obtained from NMCB-1. 21 manhours, 15 equipment hours, and 20 pounds of electro rods were required to complete the work order.

(24) Procured and installed circuit breakers in the billeting huts in the Support Company area, 1st Engineer Battalion. 20 manhours and ten circuit breakers were required to complete the work order.

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(25) Accomplished interior and exterior renovation of the Recreation Hut, 1st Engineer Battalion. 230 manhours, 45 sheets of plywood, 320 board feet of lumber, and five gallons of spar varnish were required to complete the work order.

(26) Minefield clearance of Hill 148 (Phu Gia). 720 manhours, 123 cases of bangalore torpedoes and 500 blasting caps were required to complete the work order.

(27) Constructed assorted sizes and quantities of lids for mount out boxes, Motor Transport, 1st Engineer Battalion. Two manhours and 40 board feet of lumber were required to complete the work order.

(28) Repaired and made habitable buildings #2399, #2400 and #2401 in the 1st Engineer Battalion area. 116 manhours, 240 board feet of lumber, and five sheets of plywood were required to complete the work order.

(29) Provided materials and technical assistance to 1st Battalion, 5th Marines in constructing a new cantonment at Phu Loc. 2,300 manhours and 288 equipment hours were required to complete the work order.

(30) Provided 20 truckloads of sand to the III MAF Brig. 40 manhours and 40 equipment hours were required to complete the work order.

(31) Uncovered and salvaged all usable timber from approximately 20 bunkers in the 2nd Battalion, 11th Marines area. 192 manhours were required to complete the work order.

(32) Constructed a hot locker for welding rods for the welding shop, 1st Engineer Battalion. 24 manhours and four sheets of plywood were required to complete the work order.

(33) Moved Post #15 (bunker) from present location to corner of construction area, 1st Engineer Battalion. 90 manhours and nine rolls of concertina wire were required to complete the work order.

(34) Removed perimeter minefield, Claymores and fougasses at the Phu Loc Combat Base.

(35) Constructed two ammunition bunkers, four truck revetments, one FSCC bunker, and two 155mm gun positions at Phu Loc.

(36) Constructed small landing zone and cleared ground for a second landing zone at Phu Loc.

(37) Assisted in the construction of a trash dump at Phu Loc.

(38) Pioneered 900 meter road to Communications relay for 5th Marines CP at Cai Doi Peninsula.

(39) Cleared ammunition dump areas for 5th Marines LSA.

(40) Constructed one 14'x20' bunker for CAP Hotel near Phu Loc.

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7. Civil Affairs/Civic Action

a. During the month of February 1968, the Village of Hoa Phu (Hamlets of Thon Thoi, Thon Ninh An and a portion of Thon Ninh An (2)) was the scene of frequent enemy activity and artillery barrages, resulting in five Vietnamese civilians being wounded, four of these individuals were evacuated to 1st Medical Battalion after receiving initial treatment from the Battalion Surgeon.

b. On 8 February 1968, a call was received from CAP B-1 that the local Popular Force has captured a seriously wounded NVA prisoner. In view of this prisoner's obvious intelligence value the Battalion S-5, the Battalion Surgeon and security proceeded to the clinic. The NVA prisoner was administered emergency treatment and regained consciousness. The Battalion S-5 then proceeded to question the prisoner using a Popular Force's Corpsman as an interpreter. He answered all questions and all information was immediately forwarded to G-2, 1st Marine Division. Information obtained was considered to be extremely valuable. The local people have reported almost every movement made by enemy troops, again proving that the U. S. Marine Corps Civil Affairs Program, in conjunction with the CAP Program, is extremely effective.

c. Due to the crisis that existed in the Village of Hoa Phu, the civic action program has been extremely limited although the Village Clinic is still, and was always, functional throughout the enemy's TET offensive.

d. In order to insure that the hamlets damaged by enemy artillery barrages are rebuilt as soon as possible, it is planned to submit, through Vietnamese channels, requests for the material necessary to accomplish this task. It is considered noteworthy that the Village of Hoa Phu, along with the local Popular Forces, responded to the enemy offensive and did not falter. It is considered that a primary reason for their attitude is due to the rapport established by the local CAP Unit and the local Civil Affairs Programs initiated by this Battalion.

e. Five loads of fill were delivered to the Village Headquarters to improve the entrance to the school located at that site.

f. On 16 February 1968, a young Vietnamese woman gave birth to a child at the Village Clinic, with medical attention rendered to her by the Corpsman attached to the clinic from the 1st Engineer Battalion and the Vietnamese nurse stationed there. The woman later developed complications at which time the Battalion Chief Corpsman was sent to the clinic and brought the bleeding under control.

g. At present the battalion is attempting to purchase a kerosene refrigerator for the storage of vaccines at the clinic, thus enabling administration of shots, to include Tetanus, Typhoid and Plague, to the children of the Village of Hoa Phu.

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h. The Vietnamese girl, presently training at the Hoa Phu Clinic as a nurse, has expressed a desire to attend Nurse's Training School at Danang. A project will soon be launched to raise a portion of the funds required to enable the girl to attend the school.

i. The Village School has not been in session since the beginning of TET. The S-5 will meet with the Village Chief in the near future in an effort to start classes for the children.

8. Religious Affairs

a. Catholic and Protestant services were held at the Battalion Chapel on each Sunday at 0830 and 1000 respectively.

b. Four Catholic services were held at the 1st Engineer Battalion Chapel during the month of February 1968. Nine Catholic services were held for other units by the Battalion Chaplain.

c. Memorial services were held for one member of this battalion during the month of February 1968.

d. Improvement of the Battalion Chapel continued with the construction of a flag pole and the laying of tile throughout the Chapel.

9. Research and Development. On 3 February 1968, this battalion participated with MCB-58 in the testing of pre-stressed concrete bunkers. 1st Engineer Battalion effort consisted of providing .30 caliber and .50 caliber machineguns, and detonation of 81mm and 155mm ordnance to determine the feasibility of the bunkers. Results of this testing appeared promising. Final results will be available at a later date.

PART IV

SUPPORTING DOCUMENTS

✓TAB A
✓TAB B
✓TAB C
✓TAB D
✓TAB E

CO, "C" Co AA Rpt CMS/mrg over 3480 of 20 Feb 1968
CO, "C" Co AA Rpt RLC/mrg over 3480 of 29 Feb 1968
CO, "C" Co AA Rpt RLC/mrg over 3480 of 26 Feb 1968
CO, "A" Co AA Rpt 01:TVC:ljj over 3480 of 17 Feb 1968

ENG SITREPS (Files Sep)

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COMPANY "C"
1st Engineer Battalion
1st Marine Division (Rein), FMF
FFO San Francisco 96602

CMS/mrg
3480
20 Feb 1968

From: Commanding Officer
To: Commanding Officer, 1st Bn 7th Marines
Via: Commanding Officer, 1st Engineer Battalion
Subj: Combat After Action Report

Ref: (a) DivO 3480.1
(b) Map 1:50,000 Sheet 6640 IV Series L701h

1. Code Name. None.
2. Dates of Operation. 14 Feb 1968 to 16 Feb 1968.
3. Location. Quan Hieu Duc, Quang Nam Province, RVN.
4. Command and Control.
Charlie Co. and Delta Co. 1st Bn 7th Marines
1st Plt., Co "C", 1st EngrBn LCpl MELLOTT
5. Task Organization. N/A.
6. Supporting Forces. None.
7. Intelligence. Isuems 1st Bn 7th Marines.
8. Mission. To provide close combat engineer support to two companies of the 1st Bn 7th Marines.
9. Concept of operation. Six (6) Engineers were in support of Charlie and Delta companies of the 1st Bn 7th Marines, in order to perform engineer work in assigned areas.
10. Execution. On 14 Feb 1968 Six engineers departed the 1st Bn 7th Marines command post for an operation with Charlie and Delta companies of this Bn.
On 15 Feb 1968 two enemy bunkers one 12 feet long, 2 feet wide and 2 feet high and another 6 feet long, 4 feet wide and 3 feet high were destroyed. Seven pounds of TNT were used to destroy one bunker and 3 pounds of TNT were used to destroy the other bunker. Coordinates of the bunkers were (At 865681). On 15 Feb, 1968 a 250 pound

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Tab A

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1. bomb, coordinates (AT 865673), was destroyed using 2 $\frac{1}{2}$ pounds of C-4. On 15 Feb 1968 two (2), trees were destroyed, coordinates (AT 863665), using 5 pounds of C-4.

On 16 Feb 1968 the six engineers returned to the 1st Bn 7th Marines CP.

11. Results. Two (2) bunkers were destroyed using 10 pounds of TNT. One (1) 250 pound bomb was destroyed using 2 $\frac{1}{2}$ pounds of C-4. Two (2) trees were destroyed using 5 pounds of C-4.

12. Administrative Remarks. None

13. Special Equipment and Techniques. None.

14. Command Analysis. No unusual problems were encountered and the demolition work of the engineers was routine.

15. Recommendations. None.

J.R. Kmara
J.R. KMARAS

COMPANY "C"
1st Engineer Battalion
1st Marine Division (Rein), FMF
FPO San Francisco 96602

RIC/mrg
3480
29 Feb 1968

From: Commanding Officer
To: Commanding Officer, 3rdBn 7th Marines
Via: Commanding Officer, 1st Engineer Battalion
Subj: Combat After Action Report

Ref: (a) DivO 3480.1
(b) Map Vietnam 1:50,000 Series L7014.

1. Code Name. Operation ("H" Company).
2. Dates of Operation. 201015H Feb 68 to 211215H Feb 68.
3. Location. 904631, Dai Loc Province, RVN.
4. Command and Control Headquarters.
3rd 7th Marines CO - LtCol BERNARD
"H" Co. CO - Capt T.M. CARTLIDGE
3rd Plt, "C" Co, 1st Engr Bn - Cpl J.J. SANTOS
5. Task Organization. N/A.
6. Supporting Forces. N/A.
7. Intelligence. ISUNS 3rdBn 7th Marines.
8. Mission. To search and destroy enemy troops known to be operating in this area.
9. Concept of Operations. A team of combat engineers was requested from 3rd Plt, "C" Co, 1st Engineer Battalion to give "H" Co, 3rdBn 7th Marines close combat engineer support.
10. Execution. On 201015H Feb 68 "H" Co. and attachments were heli-lifted to coordinates 082624 and from this point proceeded to coordinates 904631 where a base camp was set up. At this point, two bags of pre-cooked rice were found and were destroyed by infantry personnel.
On 210815, the engineer team departed the base camp with a squad size patrol. At coordinates 909622, two 8 inch howitzer dud rounds were found and destroyed in place by the engineer team using 2½ lbs of C-4. On the

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DOD DIR 5200.10

Tab B

same patrol, one enemy cave was discovered under a stream. This was a natural cave formed by a thick layer of rocks with two U.S. ponchos hanging from the overhead for water proofing. The infantry personnel fragmented the cave using two M-26 fragmentation grenades and a thorough search was conducted with negative results. The Engineer Team was not able to destroy this cave due to lack of time and explosives. On 211045H Feb 68 the patrol was secured and returned to the [redacted] camp.

On 211245H Feb 68, the operation was secured and the [redacted] returned to Hill 37 CP. No actual contact was made with the enemy.

11. Results. A total of 2½ lbs of C-4 were used to destroy two 8inch howitzer dud rounds found while on patrol.
12. Administration Remarks. N/A.
13. Special Equipment and Techniques. N/A.
14. Commanders Analysis. N/A.
15. Recommendations. It is recommended that Engineers be given at least a 24 hour notice prior to operation so that adequate preparations can be made.

J.R. Kmaras

J.R. KMARAS

COMPANY "C" 1
1st Engineer Battalion
1st Marine Division (Rein), FMF
FPO San Francisco, 96602

RLC/mrg
3480
26 Feb 1968

From: Commanding Officer
To: Commanding Officer, 3rdBn 7th Marines
Via: Commanding Officer, 1st Engineer Battalion
Subj: Combat After Action Report

Ref: (a) DivC 3480.1
(b) Map Vietnam Series L7014

1. Code Name. Combat Patrol ("L" Co.) 3rdBn 7th Marines.
2. Dates of Operation: 230900HFeb68 to 231500HFeb68.
3. Location: 954628, Dai Loc, RVN.
4. Command and Control Headquarters:
3rdBn 7th Marines CO - LtCol BERNARD
"L" Co, 3rdBn 7th Marines - Lt FRIEBOLIN
3rd Plt, Co "C", 1stEngBn - LCpl S.R. DAME
5. Task Organization: N/A.
6. Supporting Forces: N/A.
7. Intelligence: 1stSms 3rdBn 7thMarines
8. Mission: A combat Engineer Team was requested to give close combat engineer support to an infantry unit sent out on a search and destroy mission.
9. Concept of Operations: Engineers were to perform all demoliton work, such as destruction of enemy emplacements, booby traps and other explosive ordnance.
10. Execution: on 23900HFeb68, tow platoons from "L" Co, 3rdBn 7th Marines and a two man Engineer Team departed Hill 37 CP on a search and destroy mission around an area where an NVA platoon was known to be operating (Coordinates 954628). No actual contact with the enemy was made but three suspected enemy family type bunkers were discovered at 955628. The Engineer team destroyed these bunkers with 3 lbs of C-4 on each. There were no further findings and the patrol was secured on 231500HFeb68.

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11. Results: The engineer used a total of 9 lbs of C-4 to destroy three suspected enemy bunkers.

12. Administrative Remarks: N/A.

13. Special Equipment and Techniques: N/A.

14. Commanders Analysis: N/A. [REDACTED]

15. Recommendations: None.

J.R. [Signature]
J.R. KMARAS

COMPANY "A"

1st Engineer Battalion
 1st Marine Division (Rein) FMF
 FPO, San Francisco 96602

01:TVC:lij
 3480
 17 Feb 1968

From: Commanding Officer
 To: Commanding Officer, 1st Engineer Battalion

Subj: Combat After action report

Ref: (a) DivO 3480.1A
 (b) Map Vietnam 1:50,000, Sheet 6541 IV, Series L7014

1. Code Name: Mission 80
2. Dates of Operation: 151640H Feb68 to 151915H Feb68
3. Location: Than Luong Loc
4. Command and Control Headquarters: Task Force XRay (Major STOFFELEN)
5. Task Organization: Task Force XRay
6. Supporting Force: Nine man security team from CAP for security. Two Huey's and two H-34's
7. Intelligence: Task Force XRay Engineers
8. Mission: Destroy 150 rounds of rockets accidentally dropped by an aircraft.
9. Concept of Operation: Engineer team consisting of four men carried 20 pounds of C-4 each.
10. Execution: The four man engineer team departed Company "A" CP at approximately 1700 by helicopter to coordinates YD865189 (reference (b)) and returned at 1915 hours. Mission assigned was to blow up 150 rockets that had been dropped by an aircraft. At approximately 1850 the engineer team located the rockets and destroyed in place with 80 pounds of C-4. No casualties sustained. No enemy contact was made.
11. Results: As noted above
12. Administrative Remarks: None
13. Special Equipment and Techniques: None
14. Commanders Analysis: The work of the Engineers was routine and no unusual problems were encountered.

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E. A. HARRIS, JR.