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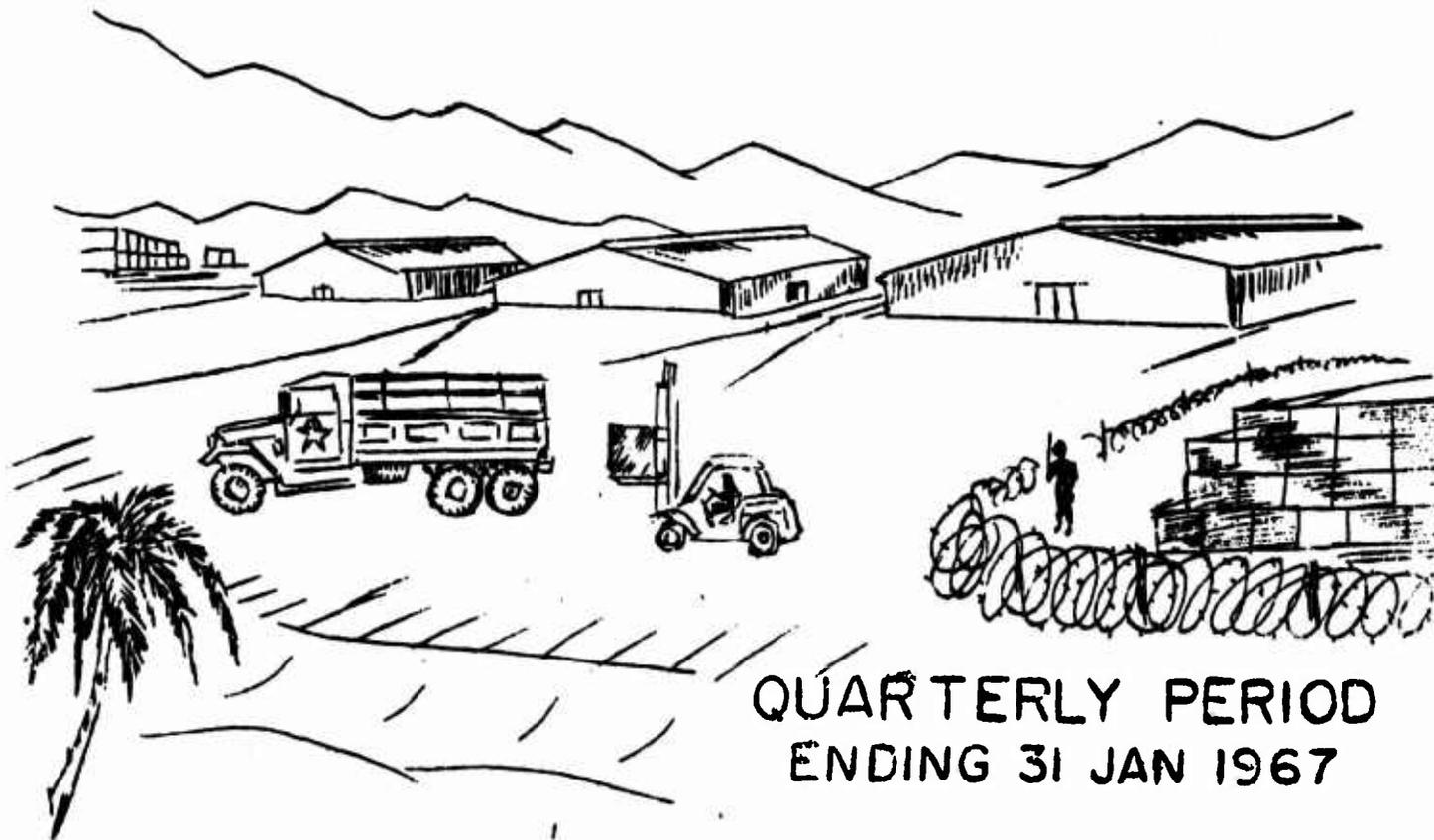
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OPERATIONAL REPORT

(RCS CSFOR 65)

DEPARTMENT OF THE ARMY
HEADQUARTERS
CAM RANH BAY DEPOT (PROV)
AND
504TH FIELD DEPOT
CAM RANH BAY, VIET NAM



QUARTERLY PERIOD
ENDING 31 JAN 1967

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

IN REPLY REFER TO

AGAM-P (M) (1 Mar 67) FOR OT

3 March 1967

AD828546

SUBJECT: Operational Report - Lessons Learned, HQ, Cam Ranh Bay Depot (Prov) & 504th Field Depot, Vietnam

TO: SEE DISTRIBUTION

1. Forwarded as inclosure is Operational Report - Lessons Learned, Headquarters, Cam Ranh Bay Depot (Prov) and 504th Field Depot, Cam Ranh Bay, Vietnam for quarterly period ending 31 January 1967. Information contained in this report should be reviewed and evaluated by CDC in accordance with paragraph 6f of AR 1-19 and by CONARC in accordance with paragraph 6c and d of AR 1-19. Evaluations and corrective actions should be reported to ACSFOR OT within 90 days of receipt of covering letter.

2. Information contained in this report is provided to the Commandants of the Service Schools to insure appropriate benefits in the future from lessons learned during current operations, and may be adapted for use in developing training material.

BY ORDER OF THE SECRETARY OF THE ARMY:

C. A. STANFIELD
Colonel, AGC
Acting The Adjutant General

Incl
a/s

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HEADQUARTERS
CAM RANH BAY DEPOT (PROV)
AND
504TH FIELD DEPOT
APO 96312

AVCA CR-D-SIPT

8 February 1967

SUBJECT: Operational Report for Quarterly Period Ending 31 January 1967
(RCS CSFOR-65)

THRU: Commanding General
US Army Support Command, Cam Ranh Bay
ATTN: AVCA CR-GU
APO 96312

Commanding General
1st Logistical Command
ATTN: AVCA GO-H
APO 96307

Commanding General
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Commanding General
US Army Pacific
ATTN: GPOP MG
APO 96558

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

Inclosure 1

i

FOROT RD
610216

AVCA CR-D-SIPT

SUBJECT: Operational Report for Quarterly Period Ending 31 January 1967
(RCS CSFOR-65)

8 February 1967

The Operational Report of this headquarters for the quarterly period ending 31 January 1967 is forwarded in accordance with Army Regulation 1-19 and USARV Regulation 870-2.

N. A. Gage, Jr.
N. A. GAGE, JR.
COLONEL, TC
Commanding

TABLE OF CONTENTS

SECTION I, SIGNIFICANT ORGANIZATIONAL ACTIVITIES

<u>PARAGRAPH</u>	<u>PAGE</u>
1. Directorate of Administration	1
2. Directorate of Security, Intelligence, Plans and Training	3
3. Directorate of Supply	10
4. Directorate of Storage	16
5. Directorate of Ammunition	18
6. Directorate of Services	19
7. Directorate of Maintenance	20
8. Headquarters Company, 504th Field Depot	21

SECTION II, PART I: OBSERVATIONS (LESSONS LEARNED)

9. Directorate of Administration	23
10. Directorate of Supply	24
11. Directorate of Storage	26
12. Directorate of Services	27
13. Directorate of Maintenance	30

SECTION II, PART II: RECOMMENDATIONS

NONE

INCLOSURES

1. Distinguished Visitors
2. Depot Troop List
3. Current Support Commitments

SECTION I, SIGNIFICANT ORGANIZATIONAL ACTIVITIES

1. DIRECTORATE OF ADMINISTRATION

a. Significant Events.

(1) At the beginning of this reporting period this directorate continued to perform the mission of Personnel Services for all units assigned to the 504th Field Depot and its four battalions. On payday, 31 October 1966, a total of \$42.00 (Military Payment Certificates) and 4,285\$VN were collected from Headquarters, 504th Field Depot officers for relief of the South Vietnamese Mekong Delta flood victims. Early in November a staff visit by the Director of Administration was made to the new Personnel Service Center. The turnover of personnel records and reassignment of personnel clerks to that center were the main items discussed. No firm date could be established but it was estimated that from three to four weeks would pass before that center could begin to assume the functions now being performed by the Depot personnel section. On 8 November 1966, the results of a survey made of the number of individuals who were eligible to vote in the 1966 elections revealed that of those eligible in all Depot units, 35% actually voted by absentee ballot. This Directorate underwent an Annual General Inspection conducted by the Deputy Inspector General, 1st Logistical Command on 14 November.

(2) The US Army Support Command Personnel Service Center began the transfer of personnel records from the Depot Personnel Section to that Center on 22 December 1966. As each unit's records were transferred so were the personnel who maintained them. By 8 January 1967, the transfer was completed, and except for a Personnel Staff NCO in the Depot Director of Administration's office and one in each battalion headquarters, all personnel functions are being furnished by the Personnel Service Center. The transfer of records and personnel was accomplished with no problems encountered.

(3) On 4 January 1967, Headquarters, US Army Support Command, Cam Ranh Bay asked this headquarters to submit its requirement for WAC enlisted personnel. A total of twenty two (22) were requested in MOS 71B and key punch operators in the 74 and 76 series MOS. On 15 January 1967, the US Treasury Department's Minuteman Flag was received by this headquarters. The award was based on this command's 97% participation in the U. S. Savings Bond Program. The Minuteman Flag was presented to the Depot Commander at the Commanders and Staff Conference on 27 January 1967. Master Sergeant Otto Garner, Chief NCO of this directorate departed on emergency leave PCS on 17 January 1967. SFC Kenneth Gubert departed on normal rotation on 22 January 1967. No replacements have been received for either of these NCOs.

b. Chaplain Activities.

(1) A Depot Character Guidance Council was established in late November and held its first meeting on 22 December 1966. This council will meet at least once quarterly or at the call of the Chairman of the Council.

(2) Character Guidance Training was incorporated into the training schedules of all units of this command beginning with the month of January 1967.

c. Visitors.

Distinguished visitors to the Depot during the reporting period are indicated on inclosure 1.

2. DIRECTORATE OF SECURITY, INTELLIGENCE, PLANS AND TRAINING.

a. Significant Events:

(1) During the period of this report, there have been no organizational changes in so far as the TOE of the 504th Field Depot is concerned. However, there have been some minor functional reorganizations within various directorates which are described elsewhere in this report. There has been no change in the mission of the Depot.

(2) On 15 November, the 136th Light Maintenance Company was released from assignment to this command and was reassigned to the 532nd Supply and Service Battalion at Tuy Hoa, in accordance with GO #117, Headquarters, USASC, Cam Ranh Bay, effective 15 November 1966.

(3) The arrival of the HHC, 278th Supply and Service Battalion (GS) on 5 December necessitated some reassignment of Depot units from the 96th Supply and Service Battalion (DS) to the 278th Battalion to improve the span of command and control. The following units, previously attached to the 96th Battalion, were reattached to the 278th Battalion per GO #8, Headquarters, 504th Field Depot, dated 8 December:

- 56th Supply Company (Hvy Mat)
- 67th Engineer Detachment (Gas Gen)
- 68th Engineer Detachment (CO₂)
- 109th Quartermaster Company (AD)
- 239th Quartermaster Company (Service)
- 383rd Quartermaster Detachment (AS)
- 588th Transportation Company (Depot)
- ~~647th~~ 623rd Quartermaster Company (AER&D)

The battalion, commanded by Major Kay L. Wieland, QMC, became fully operational on 10 December. At this time the battalion was charged with various missions concerned with the Depot storage operations, the gas generation responsibility and air delivery operations. The 278th also relieved the 96th of the Depot PCL operation mission on 1 January 1967, when the 524th Quartermaster Company (Petrl Op) and the 647th Quartermaster Company (Petrl Op) were reattached to them per GO #9, Headquarters, 504th Field Depot, dated 21 December.

(4) New units arriving at Cam Ranh Bay and assigned to the Depot during the period are summarized as follows:

- 7 Nov: 383rd Quartermaster Detachment (AS)
- 20 Nov: 3rd Composite Service Detachment (ADP) (Teams FA and FB)
- 28 Nov: 239th Quartermaster Services Company (Service)
- 5 Dec: HHC, 278th Supply and Service Battalion (GS)
- 3 Jan: 195th Quartermaster Detachment (Ref)
- 561st Quartermaster Detachment (Ref)
- 563rd Quartermaster Detachment (Ref)

(5) On 18 December, this directorate's Plans and Training Officer, who was also the Air Delivery Officer, Cpt William T. Nabors, QMC, left the command (DEROS) for reassignment at the Quartermaster School, Ft Lee, Virginia. No officer was currently programmed to fill this vacancy.

(6) On 10 January, Cpt John M. Thomson, QMC, arrived at the Depot to begin a normal tour of duty within Vietnam. He was assigned to this directorate to fill the Plans and Training Officer position, vacated by Cpt Nabors on 18 December. He will also occupy as an additional duty, the Air Delivery Officer position, which is on the TOE within the Directorate of Services, but is being performed under this directorate. Air Delivery Missions require pre-planning and preparation of contingency plans to support combat operations. It is believed that this function can best be accomplished within this directorate, rather than in the Directorate of Services, although in a sense, it is a service to supported units.

(7) The annual general inspection of Cam Ranh Bay Depot (Prov) and HHC, 504th Field Depot, was conducted on 14-15 November by the Inspector General, 1st Logistical Command. A rating of satisfactory was awarded. (Only ratings of satisfactory or unsatisfactory are awarded). In a letter from BG Mahlon E. Gates, CG, US Army Support Command, Cam Ranh Bay, to Col Gage, CO, Cam Ranh Bay Depot (Prov), he made the following comments concerning the AGI Report of the Depot inspection: "From the many laudatory comments made by the Inspector General, (1st Logistical Command), it is obvious that you have established and maintained high standards throughout the Cam Ranh Bay Depot which reflects your professional competence and desire for outstanding results. It is apparent that considerable effort was made to prepare for the inspection while simultaneously executing your difficult and important mission."

(8) The strength of the Depot as of 31 January is indicated below. The Depot troop list is attached as Inclosure 2.

	<u>OFF</u>	<u>WO</u>	<u>EM</u>	<u>AGG</u>
AUTHORIZED:	237	58	5453	5748
ASSIGNED:	204	38	5491	5733
PRESENT FOR DUTY:	179	68	5107	5354

(9) The Depot was engaged in normal operations for the entire 92 days of the reporting period.

b. Security.

(1) This command possesses authority, under 1st Logistical Command Regulation 604-5, dated 28 January 1967, to validate TOP SECRET

clearances, based on a USAIRR check, and SECRET clearances, based on a local files check if less than eight years old, or a USAIRR check if over eight years old. This directorate performs staff functions for these actions, as well as for the granting of CONFIDENTIAL clearances and submission of requests for investigations. The authority to grant CONFIDENTIAL is also extended to battalion commanders in accordance with 1st Logistical Command Regulation 380-5, dated 12 July 1966. The following actions were completed in the processing of security clearances during the past quarterly period:

(a) Number of validations processed:	TOP SECRET	6
	SECRET	130
(b) Number of CONFIDENTIAL clearances granted:		*33
(c) Local Files Checks conducted:		174
(d) Number of requests submitted for investigations:		
Background Investigations:		0
National Agency Checks:		151
Records Checks:		<u>19</u>
	TOTAL ACTIONS:	513

* Includes those CONFIDENTIAL clearances granted by subordinate battalions.

(2) A Counterintelligence Inspection was conducted of the Depot on 7, 8 and 9 November. The inspection was conducted by Special Agents of the 524th Military Intelligence Detachment (CI), APO 96312. The inspection covered document control and accountability, personnel security and storage facilities for classified material. The elements of the Depot inspected were all directorates, the classified repository, the office of the Commanding Officer and HHC, 504th Field Depot. Storage facilities were found to be adequate and only a few minor discrepancies were found in other areas.

(3) A concerted effort was continued during this period to achieve additional physical security protection. Assignment of sentry dogs to the Depot is still pending as was indicated in the last quarterly report. Requirements for the erection of perimeter lighting and chain link fencing around the Depot area, ammunition storage areas and POL tank farms are included in the base development plan for construction of facilities at Cam Ranh Bay. The program of inclosing these areas with concertina and barbed wire fencing is continuing commensurate with personnel resources and operational missions. A significant increase in

assignment of personnel to interior guard duties has been effected. Coordination has been made with the CO, 97th Military Police Battalion to have additional security forces provided for the ammunition area. The most recent request for construction of perimeter lighting, fencing and roads was submitted to US Army Support Command, Can Ranh Bay, ATTN: Engineer, in a letter from this headquarters, AVCA CR-D-SVC, subject: Depot Perimeter Security Requirements, dated 7 January 1967.

c. Intelligence.

This directorate continues to publish the Can Ranh Bay Weekly Intelligence Summary, providing timely and pertinent intelligence information to subordinate units. Subordinate commanders find that this summary keeps them up to date on the local situation and informs them of current trends throughout the surrounding general area.

d. Plans.

A number of plans were published during the reporting period, pertaining to varied subjects, summarized as follows:

(1) OPLAN 4-66 (Operation Blackhawk) (U), published 18 November, provided for the logistical support of this operation.

(2) OPLAN 5-66 (Air Drop Contingency Plan) (U), published on 2 December, superseded OPLAN 2-66, and outlines implementing instructions for the fulfillment of the Depot's emergency aerial resupply mission.

(3) OPLAN 6-66 (Support of Operation Farragut) (U), published 5 December, provides for the logistical support of that operation.

(4) OPLAN 7-66 (Contingency Plan - Strike by Local Nationals) (U), published 9 December, provides implementing instructions for meeting the requirements of an emergency situation that would be created by a strike of local nationals.

(5) SOP for Emergency Operations (U), published 19 December, supersedes SOP for Emergency Operations dated 5 September 1966, and provides guidance to subordinate commands for the conduct of various emergency type operations. It has been noted that USARV Confidential Regulation 525-5, subject: Security, Defense, Alert and Readiness Conditions (U), dated 17 December 1966, supersedes USARV SOP for Emergency Operations, dated 8 April 1966, and when implemented by higher headquarters of this command, it will require that this SOP be superseded by a new implementing directive.

(6) OPLAN 8-66 (Defense Plan for Can Ranh Bay Depot (Prov)) (U), published 20 December, delineates responsibilities for de-

fense of the Cam Ranh Bay Depot (Prov) sector of defense responsibility.

(7) OPLAN 1-67 (STANDBY FSA Contingency Plan) (U), published 20 January, defines responsibilities relative to the establishment and logistical support of forward support areas (FSA's).

e. Training.

(1) While operating two 12 hour shifts, seven days a week, all units continued to perform "on-the-job" training. In this directorate, and also in other offices and units, cross training is practiced to the maximum extent possible; this is done to ensure that experienced personnel will be available to carry on the mission as individuals leave the command after completion of their normal tour of duty, emergency leave, R&B, etc.

(2) During the reporting period, all units conducted thorough ground defense training exercises. These exercises were given additional emphasis by the command preceding the TET holidays as increased enemy activity is expected before, during and after that four day celebration.

(3) As was reported in the last quarterly report, the Depot received six units under the Accelerated Training Program during November. These six units are as follows:

56th Supply Company (HM)
423rd Supply Company (RP)
539th Supply Company (RP)
548th Supply Company (GS)
575th Supply Company (RP)
855th Supply Company (GS)

Due to the pressing need for accelerated movement, these units had not completed the recommended CONARC Basic Unit Training Cycle. Upon arrival at Cam Ranh Bay, the units were immediately incorporated into Depot operations. This provided Depot with the necessary man power to accelerate the critical receipt, storage and issue of supplies as well as providing on the job training to unit personnel in mission oriented fields. Training was conducted in supplementary areas, as directed by the Commanding Officer, 96th Supply and Service Battalion, when mission requirements were not excessively pressing and time was available. This Basic Unit Training for the accelerated units was completed on 6 December.

f. Aerial Delivery Operations.

During quarter ending 31 Jan 67, the 109th QM Company (Aerial Delivery) has completed four aerial resupply missions for a total delivery of 235.6 short tons. It is significant to note that of the 213 individual loads dropped, only two containers failed to land on the drop zone and that no parachute deployment malfunctions were reported. C-130 type aircraft

were used on all missions and the container delivery technique accounted for 140 of the 213 loads dropped. Attention should be given to the fact that as crews became more proficient, the drop altitudes were decreased, thus increasing accuracy. The percentage of air items recovered fluctuated from a low of 35% to a high of 87% depending upon the unit being supplied. When not engaged in aerial delivery missions, the 109th QM Company (Aerial Delivery) has been engaged in prerigging supplies listed in 1st Logistical Command Operation Plan 51-66 as well as receiving, packing and storing the large quantity of air items specified by the aforementioned operations plan. In November 1966, the 109th Quartermaster Company (Aerial Delivery) established a five man parachute exchange and repack facility in Saigon for servicing Army aviation units in the III and IV Corps area. During the quarter, 623rd QM Company (Aerial Equipment Repair and Depot) has continued to receive, repair, and issue air items to the 1st Bde, 101st Airborne Division as well as the 109th QM Company (Aerial Delivery).

g. Informational Activities.

The responsibility for the Depot Command Information Program and the Public Information Program was assumed by this directorate with the additional duty of Information Officer being assigned to the Security/Intelligence Officer. All subordinate units of this command conducted at least the one required monthly CI class during this reporting period, and most units conducted three or four classes. The support materials for these classes (fact sheets, etc.) received from higher headquarters have improved both in quality and quantity received. The public information program consists of the forwarding of Hometown News Releases (DA Form 1526) and photos with captions directly to the Hometown News Center, Kansas City, Missouri, and the forwarding of feature stories and photos of timely and news-worthy items through channels to 1st Logistical Command, Information Officer for dissemination to various news agencies here and abroad. The total actions reflecting these submissions are summarized as follows:

	<u>Hometown News Releases</u>	<u>Photos</u>	<u>Feature Stories</u>
November	301	15	2
December	138	4	5
January	<u>258</u> 697	<u>25</u> 44	<u>5</u> 12
		TOTAL PROCESSED:	753

h. Current Support Commitments.

The Depot is currently providing personnel and equipment in support of FSA's, combat operations and other commitments not related to accomplishment of the Depot's primary mission. These commitments are summarized at inclosure 3.

3. DIRECTORATE OF SUPPLY

a. Supply Operations and Changes.

(1) Coordination between Cam Ranh Bay Depot and the 14th Inventory Control Center in Saigon increased significantly during the quarter. As the 14th ICC assumed more supply management functions, the depot reporting responsibilities increased. This increased coordination was implemented in three phases.

(a) Phase I involved the transfer of the Depot Availability Balance Card file and initiation of the command controlled items procedures. The 14th ICC assumed responsibility for preparing all replenishment requisitions, and Headquarters, 1st Logistical Command assumed control over the issue of all command controlled items.

(b) Phase II involved the transfer of the Depot Due-In file and all due-in status. Thereafter, all due-in status documentation was forwarded to the 14th ICC for processing and follow-up action.

(c) Phase III involved the assumption of demand accounting by the 14th ICC. Depot demand histories were forwarded, and the depot was therefore relieved of demand analysis responsibility for requisitioning objective computations.

(2) In January the depot received two UNIVAC 1005 computers for the Data Processing Division. Initially, the computers were utilized to relieve existing backlogs and to ease workload requirements. Programs for existing procedures were immediately written for the 1005's. Although complete implementation of the UNIVAC 1005 Stock Accounting System is not scheduled until March 1967, several preparatory procedures were accomplished during January 1967.

(3) During this quarter, data processing facilities were moved into a permanent, fully air-conditioned building. The Document Control Division was also relocated in the new building since the operations of the two divisions are so closely related. The new building provided excellent operating facilities for both divisions, and operational efficiency has increased significantly.

(4) There was increased activity in the processing of supply directives, referral orders and redistribution orders. As the 14th ICC assumed many of the supply management functions for the entire theater of operations, the use of directed shipments controlled by Headquarters, 1st Logistical Command increased greatly. The 14th ICC determined theater-wide requirements to control the distribution of assets throughout the theater of operations.

(5) On 15 December 1966 the depot converted from the use of "AT" address codes or locally assigned "YT" address codes to Unit Identifier Codes. A system for cross-referencing former AT/YT codes with UIC's was established, and depot customers were instructed on proper requisition formats and procedures.

(6) A continuous effort was expended on purifying the Depot Authorized Stockage List (ASL). Supply management and technical edit personnel diligently reviewed stockage lists to purge all invalid federal stock numbers. Invalid stock numbers were then recommended for deletion from the ASL.

(7) Much emphasis was directed toward all aspects of supply support for air delivery items during the quarter. Special inventories were conducted, and all items were warehoused and placed in a central location.

(8) The quarterly due-out reconciliation provided depot customers an opportunity to reconcile their records as of 31 December 1966. This reconciliation included 186 customers and 57,305 total lines. Throughout January, depot customers submitted follow-up and cancellation transactions.

(9) During January, the 14th ICC validated the due-in requisitions for the depot with CONUS National Inventory Control Points. This project involved approximately 62,000 requisitions for 43,000 line items. This validation significantly purified the depot due-in status from CONUS NICP's.

(10) The standardization program for the D7E Full-Track Tractor was initiated during the previous quarter. In this quarter the program was nearly completed. A total of 96 D7E tractors were received. Eighty-six tractors have been issued to engineer units, five are awaiting unit pick-up and five are marked for maintenance float.

(11) The Clark 290 M Wheeled Tractor and Scraper modernization program was initiated in late January. The first shipment of three tractors and scrapers arrived on 23 January 1967. A total of 134 tractors and 92 scrapers are due in to Cam Ranh Bay Depot.

(12) A changeover from the old series to a new series of radios occurred during the quarter. With this change, the depot maintenance activity received a variety of radio components, many of which were serviceable. Serviceable components were made into usable radios and were issued. This program is being continued to assist units with low priority radio requirements.

(13) During December, historical performance standards were developed to provide for better analysis of current operations. Historical

data prior to September was excluded. Test standards developed in December were applied to weekly performances during January. The performance standards are used to facilitate a more equitable distribution of workload and personnel assignments and to aid in the planning of special projects and daily procedures.

(14) Explicit procedures and tight internal controls were established during the quarter to govern Class II and IV supply support for Non-USARV customers. Common Supply Support and Inter-Service Support Agreements customer requisitions were thoroughly screened to insure that only authorized items were requisitioned and issued to authorized customers. Internal controls were initiated to insure that proper signed documentation was obtained for all issues, which was then used for reimbursement billing.

(15) The depot began accomplishing a 100% technical edit of all receipt documentation to insure that only valid, current stock numbers were recorded on stock records. Furthermore, a 100% technical edit of all customer requisitions was instituted to insure that only valid requests were being submitted. A comprehensive Item Description File is now used to screen receipts and to research requisitions for item identification, interchangeability and possible substitution for items currently in stock. This new editing procedure has greatly improved the depot's capability to satisfy customers' needs.

(16) The list of authorized depot customers increased from 186 to 219. This figure includes a total of 27 Inter-Service Support Agreement and Common Supply System customers. Many new units arriving in country were added to the list of depot customers.

(17) In general, all three supply profile statistics reflected a favorable upward trend during the quarter. Demand Accommodation remained relatively stable during the three-month period, increasing 2.7 percentage points. Both Supply Effectiveness and Demand Satisfaction showed significant increases during the quarter. Supply Effectiveness increased 5.4 percentage points to 61.2%, and Demand Satisfaction increased 12.5 percentage points to 52.1%. The tremendous increase in Demand Satisfaction indicates a highly improved depot capability to initially fill customer requisitions.

SUPPLY PROFILE

CAM RANH BAY DEPOT (PROV)

For the Period 1 November 1966 through 31 January 1967

	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>
Demand Accommodation	85.1%	84.1%	87.8%
Supply Effectiveness	55.8%	54.0%	61.2%
Demand Satisfaction	39.6%	44.5%	52.1%

b. Organizational Changes.

(1) During December the Directorate of Supply reorganized its internal structure to provide increased operational efficiency and better managerial control. Four major changes occurred;

(a) A Plans and Procedures Office was established. The mission of this new office is to plan, direct, coordinate and supervise the overall plans, systems and procedures involving data processing, document control, and stock control activities. This office is also responsible for continuous review and analysis of current operating procedures.

(b) A new Operations Branch consisting of two sections was added to the Stock Control Division. The first section is an Inventory Control Section responsible for conducting all physical inventories. The second section consists of a Red Ball Express Section responsible for handling all red ball express functions.

(c) The Document Control Division was reduced from four to two branches. A new Customer Service Section and a Republic of Korea Forces, Vietnam Liaison Section were added to the Document Processing Branch. In addition, the size of the Technical Edit and Catalog Section was increased to facilitate the 100% edit project.

(d) A new consolidated Due-In/Due-Out Section was established within the Status and Files Branch, Document Control Division. The individual due-in and due-out sections within the four mechanized commodity branches were consolidated within this new section. This change was made as part of the implementation of the UNIVAC 1005 Stock Accounting System.

(2) During January, the Supply Directorate prepared and submitted its portion of the Modified Table of Organization and Equipment for Headquarters and Headquarters Company, 504th Field Depot. The proposed MTOE for this directorate calls for 33 Officers and 310 Enlisted Men. Seven of the officers' slots were identified as positions which could be filled by DA civilians.

c. Personnel.

(1) In December, 1966 LTC Paul H. Hodge rotated to CONUS and

was replaced by LTC T. F. Brooks Jr., as Director of Supply, Cam Ranh Bay Depot.

(2) During early December the headquarters personnel of the 276th Supply and Services Bn arrived at the Depot. Six officers and several key NCO's and enlisted personnel were assigned to the Supply Directorate. The officers were assigned as replacements for the five commodity managers and the Chief of the Stock Control Division. Assigning all officers to this division provided unit integrity and an excellent working relationship within the division.

(3) In November the 96th Composite Service Detachment, ADP Team No. 2 arrived to augment the Data Processing Division. This detachment consisted of 2 officers and 20 enlisted personnel highly qualified in data processing techniques and procedures.

(4) In December the first members of the third Quick Reaction Assistance Team arrived for duty. This team consisted of DA civilians from various Army Depots in CONUS. The arrival of team members was staggered; however, at the end of the quarter there were 27 members on the team, 10 of which were assigned to the Supply Directorate.

(5) The utilization of Vietnamese local nationals in the Supply Directorate remained quite stable. In January there were 34 local nationals working as stock control clerks.

d. Training.

(1) Major activity in the training area consisted of an intensive on-the-job training program in all branches and divisions. There was a minimal amount of formal classroom instruction involving only new data processing personnel studying the UNIVAC 1005 computer procedures. Maximum emphasis was placed on the OJT programs.

(2) New supply management personnel received from one to two-week OJT training to become familiar with overall commodity branch operations. Included in this training were step by step procedures of processing a customer's requisition from the time it enters the branch to the time the item is released for issue, procedures for processing depot receipts and backorder release processing.

(3) An OJT program involving a one-week division orientation was established in the Document Control Division. The first day was devoted to an overall review of the division mission, organization and operation. The remainder of the week was devoted to spending approximately one day in each of the functional sections within the division.

(4) In anticipation of personnel turnovers, several branches and divisions developed a program of cross-training personnel in more than one primary position. At the branch level this involved cross-training between different sections. At the division level, a few selected individuals were cross-trained in different branch operations.

(5) Another method of training included liaison visits by key Supply Directorate personnel to the 11th ICC, Saigon Depot and Headquarters, 1st Logistical Command. Major emphasis in this program involved implementation of the 11th ICC mission and the UNIVAC 1005 Stock Accounting System. Engineer Class IV supply procedures also received much attention during these liaison visits.

4. DIRECTORATE OF STORAGE.

a. General.

This period saw changes in both personnel and the operating structure of the Directorate of Storage. Major Emory B. Webster replaced Captain Carl M. Wilhite as Chief of the Operation Division. In addition, because of the increased mission and extended span of control, assignment of operational control was made to Depot's two supply and service battalions. This relieved the Storage Directorate of the operational responsibility and permitted the preparation and implementation of new procedures; a program of staff visits and inspections and other staff functions which were not previously possible. The Storage Directorate retained the responsibility for staff and technical supervision. With the arrival of the 278th Supply and Service Battalion (GS) on 5 December 1966, the mission responsibility was divided between the two assigned battalions, permitting greater supervision.

During this period, a general increase in total tonnage handled became evident. For the month of January 1967, a depot record was set with 73,066 tons shipped and received in all commodities except Class V.

b. Subsistence.

With the assignment of one platoon of the 548th General Supply Company and the 855th General Supply Company to the subsistence operations, additional manpower became available for major rewarehousing and in storage inspection programs of non-perishable subsistence. This was combined with increased emphasis in shipping to help release the congested subsistence storage situation. For perishable subsistence storage, the reefer ship "Yaque" was replaced by the "Sixola". Since both vessels hold the same capacity, this change had no significant impact.

c. General Material.

With the arrival of additional units and the added supervision permitted by assignment of operational control to the two battalions, a number of major rewarehousing programs were started. In addition, the location surveys team was increased in size to permit a 100% location survey of storage locations twice yearly. PSP was layed to develop approximately 500,000 square feet of open storage space which was immediately put into use. The Shipping and Receiving Operations were expanded and reorganized and the receiving back-log, to include multi-pack containers, was eliminated. Construction began on the first of six new warehouses, a part of which should be available during the next quarter.

d. Petroleum.

Increased requirements were placed on shipping during this period, particularly 500 gallon collapsible tanks and 55 gallon drums.

During the month of November alone, 1,127 five hundred gallon tanks were shipped. The initial fill of tank farm #2 was started on 30 November 1966 with the pumping of MOGAS from the "Pecos". Other ship discharging and transfers were hampered during the period by high winds and bad weather, however, the situation returned to normal by January 1967. On 17 December 1966, a Dracone (a 80,000 gallon rubber tank which can be towed by a ship for the transporting of fuel), was launched by the pipeline platoon of the 534th Quartermaster Company. This was designed to shuttle JP-4 between Cam Ranh Bay and Phan Thiet. Unfortunately, the Dracone was damaged by an LCU on its maiden voyage and all the JP-4 was lost.

e. Engineer Construction Material.

There were several important organizational changes for the units operating the Construction Material Division. The 56th Supply Company (Heavy Material) commanded by Captain Harold E. Robison, assumed responsibility for the open storage area from the 31st Supply Company (Heavy Material), which continued to operate the six warehouses for construction material.

Upon relief of responsibility for construction material open storage areas, one platoon of the 31st assumed duty in the General Material Division. On 1 January 1967, after an extensive training period, Vinnell Corporation under Army contract, replaced most of the personnel of the 56th Supply Company. Vinnell provides approximately 235 Koreans laborers and 18 American supervisors to operate the construction material open storage areas. The 56th Supply Company retains Physical Security and overall responsibility for the operation of the areas.

On 5 December 1966, the 278th Supply and Service Battalion (GS) commanded by Major Wieland, arrived in country and was assigned to the Depot. Units assigned to the 278th included the 56th Supply Company. The Battalion took an active part in the reorganization of the Engineer Construction Material area as the 56th Supply Company and Vinnell Corporation reorganized areas of responsibility. Significant increases in tonnage of cargo handling occurred during the reporting period: During November 1966, 34,165 S/T; December 1966, 34,221 S/T; and January 1967, 47,699 S/T were received and shipped. During this period of time the ratio between cargo received and cargo shipped remained 2:1. This imbalance caused the stockage level to reach 110,000 S/T as of 31 January 1967.

f. Operations.

In order to improve warehouse tractor and trailer utilization, central control was established for all intra-depot movement. This permitted central dispatching and accounting for equipment. Coupled with this was an improved maintenance program for warehouse trailers further increasing availability.

5. DIRECTORATE OF AMMUNITION.

The Commanding Officer, 191st Ordnance Battalion (Ammo), Cam Ranh Bay Depot (Prov), has concurrent responsibilities as the Director of Ammunition for the Depot. Therefore, comments applicable to the activities of the Directorate of Ammunition may be found within the Operation Report - Lesson Learned, submitted by that battalion.

6. DIRECTORATE OF SERVICES.

a. The reorganization of Directorate of Services in the last quarter of operations proved that functionalization of tasks made staff supervision a more direct operation and problems were more quickly analyzed particularly in the MHE and labor areas.

b. Self Service Supply Store for intra-depot use was opened in December 1966. This store provides the needs of the depot operators for expendable supplies.

c. During the reporting period the field bakery produced 1,000,012 lbs of bread; the laundry processed 833,580 lbs of individual and organizational clothing; and the Graves Registration Point processed 18 remains.

7. DIRECTORATE OF MAINTENANCE.

There have been no significant changes in personnel assigned to the Directorate of Maintenance since the previous quarter. This Directorate is presently staffed with one officer and four enlisted men. The CMMI team is working under the Directorate of Maintenance, consisting of one warrant officer and fifteen enlisted men.

8. HEADQUARTERS COMPANY, 504TH FIELD DEPOT.

a. Significant Events.

(1) On 6 November, new duty hours for the Depot were announced. The hours were 0600 to 1800 for the day shift and 1800 to 0600 for the night shift.

(2) The company had the AGI inspection on 14 and 15 November. The inspection went well and the AGI team had very favorable comments.

(3) The CMTI team inspected the company on 21 January. The company passed with a rating of satisfactory.

(4) The unit was engaged in operations during the entire period, i.e., 92 days.

b. Billeting.

(1) The company completed two 2-story buildings in November and December. A third one is under construction. These buildings are being built on the "self-help" program. The 35th Engineer Brigade provides the technical assistance and materials and the company provides the labor force. Single story frame buildings were also erected and replaced GP medium tents on 13 wooden platforms.

(2) Facilities for the billeting of troops continued to improve during the period.

c. Mess.

(1) Mess operations and food acceptance improved. A two-level stack oven was acquired, thus permitting more baking and better preparation of certain foods since much of the load was taken off the field ranges. Two deep-fat fryers were also procured, thus increasing the variety of the means of preparation.

(2) The feeding schedule was changed as needed to accommodate the working hours of the troops. The mess hall serves a midnight meal in addition to the standard three meals a day.

d. Supply.

(1) Early in November, the supply mission of the company changed upon the transfer of property book functions to the property section of the Directorate of Services. The function of the supply room is now strictly unit supply.

(2) Weapons racks were constructed during November in four conex containers. Weapons which were previously secured in troop billets were taken from the individuals and are stored in the conexes and issued as required.

e. Maintenance.

The unit motor pool reorganized its dispatch system and initiated a daily technical inspection of all vehicles. This improved the performance of preventative maintenance operation as a whole.

f. Personnel.

(1) Personnel strength decreased during the period with a high "present for duty" strength of 37 officers, 4 WO's and 396 EM at the beginning and a low of 35 officers, 2 WO's and 305 EM at the end of the period.

(2) The unit was broken down into five platoons representative of the six directorates of the Depot in which the men work: Director of Administration; Director of Security, Intelligence, Plans and Training; Director of Services; Director of Supply; Director of Maintenance; and Director of Storage. The platoon leaders are SFC E7's and the squad leaders are SSG E6's.

(3) On 7 Nov 66, 2d/Lt Henry N. Bourdo, Transportation Corps, was assigned to the unit and assumed the duties of Motor and Mess Officer.

(4) On 22 Nov 66, SFC E7 Donald L. Kramer, RA 13304046, became the First Sergeant for the unit.

g. Training.

(1) Accomplishment of training objectives was difficult due to the division of the men into day and night shifts, and the long hours which the men must work; however, the objectives were met.

(2) Familiarization firing of each weapon was conducted during December.

h. Morale.

A drop in morale was initially experienced coincident with the announcement of the new working hours on 6 November. However, with construction of new billets, improvement of other billets and mess hall facilities, and construction of a basketball/volleyball court, morale improved considerably.

SECTION II, PART I: OBSERVATIONS (LESSONS LEARNED)

9. DIRECTORATE OF ADMINISTRATION

Item: Rotational Hump.

Discussion: It can already be determined that during the months of May, June and July 1967, there will be a large number of personnel departing from units of this command on normal rotation. The arrival of units during these months in 1966 is the primary reason for the large number of personnel scheduled for rotation.

Observation: This Directorate is planning to review the impact of this situation in the units involved and make recommendations to the Depot Commander to reassign officers and enlisted personnel to other units in related or same MOS to minimize the hump and permit continuity of personnel to perform their primary mission.

10. DIRECTORATE OF SUPPLY.

a. Item: Inventory Procedures.

Discussion: The responsibility for physical inventories was previously divided among three separate activities: the Zero Balance Team, Warehouse Refusal Investigation Team and the Inventory and Adjustments Branch. It was soon realized that these activities were performing the same function, and their efforts were overlapping in many instances.

Observation: To eliminate this overlapping of workload, these separate activities were combined for better utilization of personnel under one section, an Inventory Control Section. This reorganization allowed for cross-utilization of personnel dependent upon the workload. In addition, it provided a core of personnel to perform cyclic inventories currently programmed for testing in February 1967.

b. Item: Processing of Warehouse Refusals.

Discussion: Warehouse refusals often are due to the inability to locate items in storage by federal stock number alone. Material Release Orders (MRO's) going to storage for release do not contain a descriptive nomenclature for stock identification.

Observation: When refusals were forwarded from warehouses to the Inventory Control Section, the first step was to obtain a descriptive nomenclature for the item. This information greatly assisted inventory personnel in identifying items in storage. The refusal was then researched by both FSN and nomenclature. In many instances, mere knowledge of the item description provided the key information for locating the item.

c. Item: Providing Depot ASL to Customers.

Discussion: Because outdated supply catalogs are being used in Vietnam, the customer, when preparing requisitions, often uses obsolete stock numbers for items which the depot does not stock on the ASL, but for which there is a suitable substitute.

Observation: By providing the customer with a current Depot ASL listing in FSN sequence with a brief nomenclature for each item, the customer is able to check the validity of any stock number. Furthermore, by checking descriptive nomenclatures an available substitute can be chosen.

d. Item: 2 x 4 lumber has been a critical item due to rapid construction over and above previously projected building programs.

Discussion: To meet the rising consumption rate of 2 x 4

lumber and several other key construction items, it has been necessary to continually change requisitioning objectives, request additional lumber to include diversion of incoming ships, and to carefully review the status of all incoming receipts.

Observation: Customer requisitions must be thoroughly checked to insure proper demands and authorizations for materials are being used. Customer supplies awaiting pickup must also be reconciled 30 days after issue by the depot to insure that the requirement for materials is still valid.

e. Item: Suspense File for MRO's Based on a Required Delivery Date (RDD).

Discussion: MRO's formerly were filed by station prior to shipment. No check could be made of items that were supposed to move on a particular date to arrive on station in time to be consumed in accordance with the cyclic menu.

Observation: A system was established to check on the movement of particular line items of subsistence to insure they reached the consumer prior to the consumption date. An RDD was established on each MRO according to the cyclic menu consumption date. A suspense copy of the MRO was kept. The follow-up could be initiated to insure transportation had been arranged for movement to the customer.

11. DIRECTORATE OF STORAGE.

a. Item: Original protective overwraps for non-perishables subsistence are frequently inadequate.

Discussion: Due to frequent handling and outside storage, protective overwraps on non-perishable subsistence pallets frequently are damaged and fail to properly protect the material. This creates serious problems when material must be shipped long distances in inclement weather or by sea.

Observation: All non-perishable subsistence pallets are thoroughly inspected prior to shipment. Pallets lacking adequate protective wrapping are covered with plastic or waterproof paper thus providing adequate protection to material.

b. Item: Operational control at the Director of Storage level extends the span of control beyond effective limits.

Discussion: Operational control over all military personnel working in depot storage was maintained by the Director of Storage. As the mission expanded and additional military personnel were assigned, the authorized Director of Storage staff proved insufficient to provide adequate supervision over all elements. Thirty-five separate elements were operating and reporting to the Director of Storage in a 24 hour period of operation. Included in this was control over 78 warehouses and sheds and numerous other storage facilities.

Observation: In order to overcome this problem, operational control of storage activities was assigned to the two battalions and missions given to each of the subordinate companies. This provided increased supervision and a more effective working relationship. Staff supervision was retained by the Director of Storage. The staff and both the battalions now appear adequate for effective supervision.

12. DIRECTORATE OF SERVICES:

a. Item: Comparison of areas hardstanded with various types of landing mat reveals wide variances in utilization and survival.

Discussion: A number of variations and combinations of hardstand have been tried in this depot. Each combination features some type of soil stabilizing with a covering of matting, or at times a double matting such as Republic Steel sheeting under M-6 or P&P. After utilization of these hardstands for periods in excess of 45 days some conclusions can be reached:

Pierced Aluminum Planking does not hold up well when subjected to very heavy traffic unless an undercovering of cement or laterite is used.

Cement stabilization with P&P covering appears to be superior to Republic Steel having a P&P covering because the Republic Steel sheeting tends to give causing eruptions in the P&P and eventually tearing up in heavy traffic. Considering the effort expended, polypropylene membrane with P&P would be equal to Republic Steel with P&P. Neither combination is good for heavy traffic but excellent for outside storage.

Yawata steel matting (2' x 4') is the easiest to lay and was found without any damage after 90 days when laid on level ground in an area of heavy traffic. Yawata laid on unlevel ground tended to bend and warp. Level ground is obviously more important than soil stabilization when using Yawata. Only one row of Yawata should be laid at a time to avoid pinching.

M-6 or M-8 Pierced Steel Planking, 10 feet and 12 feet long respectively, still remains the most stable for long term usage in heavy traffic, but is again the most difficult to lay and lock properly.

In all cases, entrance ways must be sealed by cement, asphalt, etc., to prevent eruptions.

Observations: Future planning on actual usage of areas is a most important factor in planning the type of matting or combinations to be used.

b. Item: Bread Baking.

Discussion: The M-1945 Field Bakery has been used for so many years that a number of parts are beginning to break from metal fatigue. One particular problem is the trunnions holding the vessel that divides the dough. Since any breakdown deadlines the machine and pre-

wants bread production, an alternate hand method is required. To accommodate this, a more permanent set-up for a bakery has been programmed to include tables and scales and other paraphernalia necessary to process the product by hand. As long as the mixer is operative, the major effort of producing bread is accomplished. Repair assemblies for the M-1945 Mobile Bakery are extremely difficult to obtain due to their small density. Another problem is stoppage of the lubrication channel due to debris, sand, flour, etc. This increases metal strain by friction.

Observations: An alternate means of baking bread by hand production is essential to support the M-1945 Mobile Bakery in a fixed or semi-fixed installation. Complete visual inspections of all parts where friction requires lubrication is vitally important.

c. Item: MHE - There are no standard hand signals for directing operators of MHE, and as a result, considerable time was lost and confusion existed when drivers worked in various areas.

Discussion: A forklift driver must have someone guiding him with standard signals by which he can maneuver his lift during "close-in work" where his view is concealed by the mechanism. A driver may work in many different areas, and different signals and motions only slow down the process. Based on a combination of sling, hoist, crane and airplane landing and parking signals, a set of uniform hand signals were developed to provide guidance for the motions of a forklift. To facilitate night operations, reflective hand paddles are being developed that will be used in giving proper signals.

Observations: Standard hand signals improve driver reaction and pays dividends when using fork lifts.

d. Item: Development of skills of local civilian employees requires a long period of time before they are effective.

Discussion: When local civilians were hired it was found that very few pronounced skills were available. However, it was further found that by selecting those who were somewhat adept, latent intelligence enabled these workers to become very effective in certain skills. Generally, personnel were shown how to accomplish a job and allowed to work along with the supervisor in an OJT status. As skills were developed their pay was increased. The more expert the supervisor, the better the skill of the employee. In this manner, painters, masons, carpenters and plumbers were readily trained.

Observations: Skilled supervisors are necessary to develop skills in untrained locally employed labor. The degree of skill in the employee is directly related to the skill of the supervisor.

e. Item: MTO&E - During the formation of an MTO&E, the span of control and corresponding grades for officers and enlisted men must be considered.

Discussion: TO&E 20-512T for the 504th Field Depot required considerable modification. This TO&E was originally based upon requirements to store up to 20,000 tons, while in actuality, the depot now has over 200,000 tons on hand with a stockage objective of 267,000 tons. Directorates submitted valid changes for their paragraphs in the TO&E and collateral equipment. However, upon collation it was found that the span of control, i.e., the ratio of noncoms and officers to other ranks, did not agree with prescribed ratios established in Army Regulations. It is therefore important to tabulate total resources of personnel by directorates to insure that no imbalances occur that would materially affect the span of control in operations. Ground rules for changes to TO&E's must be provided prior to any acceptance of changes. In view of this, rules were provided, and when the TO&E necessitated another major change by reason of the elimination of a supporting TD, no problems were experienced.

Observations: Ground rules in wordable form and simple language pay dividends in clarity, correctness and suitability of recommendations received for preparation of an MTO&E.

13. DIRECTORATE OF MAINTENANCE.

- a. Item: In dequate Preventive Maintenance.

Discussion: On 23 December 1966, a Command Letter was published pointing out the lack of command emphasis on organizational maintenance, with a list of the most common faults.

Observation: A review of Spot Check Inspections since the above date showed a vast improvement.

- b. Item: Engine failures on rough terrain forklift, Anthony Model MLT-6.

Discussion: New rough terrain forklifts received at Cam Ranh Bay were found to have chipped cylinder liners. This was apparently caused by hydrostatic lock. A service engineer from Detroit Diesel Division of GMC made an evaluation of this situation and recommended installation of raincaps on the muffler tail pipe and bracing of the muffler exhaust stack extension connection.

Observation: Since the above recommendations were accomplished no new engine failures have occurred.

DISTINGUISHED VISITORS

Distinguished visitors to the Depot during this reporting period included the following persons:

- 29 December 1966 - Gen Harold K. Johnson, C of S, US Army
- 12 January 1967 - Honorable Stanley R. Resor, Secretary of the Army
- 18 January 1967 - MG O. E. Hurlburt, USARPAC G4
MG H. A. Miley, Jr., Asst DCSLOG for Programs, DA
- 23 January 1967 - Gen Dwight E. Beach, CINCUSAREM.C
- 28 January 1967 - BG J. M. Heiser, Asst DCSLOG, DA
- 31 January 1967 - Rear Adm N. C. Johnson, Deputy C/S for Mil Assistance, Logistics and Personnel, CINCPAC

**HEADQUARTERS
CAM RANH BAY DEPOT (PROV)
AND
504TH FIELD DEPOT**

TROOP LIST

HHC, 504th Field Depot
3rd Composite Service Detachment (ADP) (Teams FA and FB)
96th Composite Service Detachment (DP) (Team 2)

69th Maintenance Battalion (GS)
HHD, 69th Maintenance Battalion (GS)
128th Signal Company (Supply & Maintenance)
129th Maintenance Support Company (DS)
135th Heavy Equipment Maintenance Company (GS)
510th Engineer Company (Maintenance) (DS)

96th Supply and Service Battalion (DS)
HHC, 96th Supply and Service Battalion (DS)
31st Supply Company (Heavy Material) (GS)
273rd Engineer Detachment (Depot)
855th Signal Detachment (S&I)
53rd Supply Company (General Supply) (GS)
195th Quartermaster Detachment (Refrigeration, Semi-Mobile)
561st Quartermaster Detachment (Refrigeration, Semi-Mobile)
563rd Quartermaster Detachment (Refrigeration, Semi-Mobile)
59th Field Services Company (GS)
567th Engineer Detachment (Water Transport)
74th Supply Company (Repair Parts) (GS)
221st Supply and Services Company (DS)
423rd Supply Company (Repair Parts) (GS)
539th Supply Company (Repair Parts) (GS)
548th Supply Company (General Supply) (GS)
575th Supply Company (Heavy Material) (GS)
855th Supply Company (General Supply) (GS)

191st Ordnance Battalion (Ammunition) (DS/GS)
HHC, 191st Ordnance Battalion (Ammunition) (DS/GS)
174th Ordnance Detachment (Ammunition Renovation)
33rd Ordnance Company (Ammunition)
611th Ordnance Company (Ammunition)
630th Ordnance Company (Ammunition)
*HHC, 52nd Ordnance Group

278th Supply and Service Battalion (GS)
HHC, 278th Supply and Service Battalion (GS)
56th Supply Company (Heavy Material) (GS)
109th Quartermaster Company (AD)

Inclosure 2


363rd Quartermaster Company (AS)
239th Quartermaster Company (Service)
524th Quartermaster Company (Petroleum Operating)
19th Quartermaster Detachment (POL Storage)
22nd Quartermaster Detachment (POL Storage)
568th Transportation Company (Depot)
67th Engineer Detachment (Gas Generating)
68th Engineer Detachment (Carbon Dioxide)
623rd Quartermaster Company (ALR&D)
647th Quartermaster Company (Petroleum Operating)

* Attached for rations, quarters and administration.

Inclosure 2

**HEADQUARTERS
CAM RANH BAY DEPOT (PROV)**

SUPPORT COMMITMENTS DURING PERIOD 1 NOV 66 - 31 JAN 67

<u>UNIT</u>	<u>OPERATION OR ACT. SUPPORTED</u>	<u>LOCATION</u>	<u>PERSONNEL</u>	<u>DATE DEPARTED</u>	<u>EST. DATE RETURN</u>	<u>TYPE MISSION</u>
53rd Sup Co	Byrd	---	5 - EM	24 Sep 66	Indefinite	Class I
221st S&S Co	Geromimo and Adams	---	1 - NCO 5 - EM	28 Oct 66	19 Jan 67	Graves Registration
524th QM Co (Petrl Op) Pipeline Section	Phan Rang, SAC	Phan Rang	1 - NCO 8 - EM	20 Sep 66	Indefinite	Class III
524th QM Co (Petrl Op) Pipeline Section	Tuy Hoa, SAC	Tuy Hoa	1 - NCO 8 - EM	20 Sep 66	Indefinite	Class III
647th QM Co (Petrl Op) Pipeline Platoon	USA&C	Qui Nhon	1 - Off 43 - EM	2 Oct 66	Indefinite	Class III
510th Engr Co (Maint) (DS)	149th Maint Co	Pleiku	1 - Off 1 - WO 37 - EM	2 Aug 66	Indefinite	Maintenance
135th Hvy Equip Maint Co	USA&C	Qui Nhon	1 - WO 22 - EM	29 Oct 66	Indefinite	Engineer Equip Repair
129th Maint Support Co	FSA	Phan Thiet	4 - EM	8 Nov 66	Indefinite	Maintenance
128th Signal Co (D)	15th Med 1st Cav	Phan Thiet	1 - EM	20 Dec 66	Indefinite	Cook

Inclosure 3

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128th Signal Co (D)	1st Cav	An Khe	3 - EM	7 Jan 67	7 Feb 67	Radio Repair
128th Signal Co (D)	73rd Sig Bn	Dalat	2 - EM	7 Jan 67	10 Jan 67	Repair TT Equipment
128th Signal Co (D)	339th TC	Nha Trang	1 - EM	10 Jan 67	17 Jan 67	Repair ADPS Equipment
MOD Section, 191st Ord Bn	Nha Trang, S&C	Nha Trang	1 - MCO 1 - EM	Prior to July 66	Indefinite	MOD
MOD Section, 191st Ord Bn	Phan Thiet	Phan Thiet	1 - MCO 1 - EM	23 Jan 67	Indefinite	MOD
174th Ord Det	USA&C	Qui Nhon	1 - Off 1 - EM	Prior to July 66	March 67	Amo Renov
611th Ord Co	Phan Thiet, FSA	Phan Thiet	2 - MCO 10 - EM	Aug 66	Indefinite	ASP Operation