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AUTHORITY

ago, d/a ltr, 29 apr 1980

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

(12)

AD882351

AGDA-A (M) (31 Mar 71) FOR OT UT 704205

2 April 1971

SUBJECT: Operational Report - Lessons Learned, Headquarters, 2d Logistical Command, Period Ending 31 October 1970

SEE DISTRIBUTION

1. The attached report is forwarded for review and evaluation in accordance with para 4b, AR 525-15.
2. The information contained in this report is provided to insure that lessons learned during current operations are used to the benefit of future operations and may be adapted for use in developing training material.
3. Information of actions initiated as a result of your evaluation should be forwarded to the Assistant Chief of Staff for Force Development, ATTN: FOR OT UT within 90 days of receipt of this letter.

BY ORDER OF THE SECRETARY OF THE ARMY:

Verne I. Bowers
 VERNE I. BOWERS
 Major General, USA
 The Adjutant General

1 Incl
as

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ASSISTANT CHIEF OF STAFF FOR FORCE DEVELOPMENT (ARMY) ATTN: FOR OT UT, WASHINGTON, D.C. 20310

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DEPARTMENT OF THE ARMY
HEADQUARTERS, 2D LOGISTICAL COMMAND
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IN REPLY REFER TO

RIBCSB-PO&T

20 NOV 1970

SUBJECT: Operational Reports-Lessons Learned, Headquarters, 2d Logistical Command, Period Ending 31 October 1970, RCS CSFOR-F5 (R2)

THRU: Commanding General
US Army, Ryukyu Islands
ATTN: PIC-MH
APO 96331

Commander in Chief
US Army, Pacific
ATTN: GPOP-DT
APO 96556

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

1. Operations: Significant Activities

a. Supply Operations:

(1) Workload Data:

(a) Receipts:

	<u>LINE ITEMS (THOUSANDS)</u>			
	AUG	SEP	OCT	TOTAL
Depot Replenishment	10.0	20.3	12.0	42.3
Ser/Unserv Returns	57.8	60.1	55.6	173.5
TOTAL	67.8	80.4	67.6	215.8

FOR OT UT
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	<u>SHORT TONS</u>			
	AUG	SEP	OCT	TOTAL
Depot Replenishment	16.2	12.9	11.8	40.9
Ser/Unserv Returns	6.4	8.1	11.8	26.3
TOTAL	22.6	21.0	23.6	67.2

(b) Issues:

	<u>LINE ITEMS (THOUSANDS)</u>			
	AUG	SEP	OCT	TOTAL
Vietnam	22.9	16.2	9.4	48.5
Thailand	3.2	4.0	4.7	11.9
Okinawa	26.8	50.6	24.3	101.7
Other	22.3	21.9	39.3	83.5
TOTAL	75.2	92.7	77.7	245.6

(2) During August, September, and October, 124 Sea/Land vans containing retrograde and 154 Sea/Land vans containing materiel for depot stocks were released to transportation for movement to CONUS destinations. One Sea/Land van containing serviceable materiel was shipped to Korea.

(3) Demand Accommodation and Demand Satisfaction were 73% and 75%, respectively, for the period ending 31 October 1970. The USARPAC goal is 75% for both (except for subsistence, which is 90% and was obtained by Mat Cat S).

b. Maintenance Operations:

(1) Ground Forces Maintenance:

(a) General Support

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COMPLETIONS

	<u>Aug-Oct FY 71</u>	<u>Aug-Oct FY 70</u>
Tactical Wheeled Vehicles	511	61
Electronics and Commo	4183	6164
Gen	339	20
Mil Std Engs	0	0
MHE	43	94
Construction	14	15

(b) Depot Maintenance

COMPLETIONS

	<u>Aug-Oct FY 71</u>	<u>Aug-Oct FY 70</u>
Tactical Wheeled Vehicles	640	512
Electronics and Commo	686	772
Gen	0	524
Mil Std Engs	1175	619
MHE	87	81

(2) Progress on the FY 71 ground forces support maintenance program is as follows:

(a) General Support

	<u>CUMULATIVE COMPLETIONS Thru 31 Oct FY 71</u>	<u>REVISED FY 71 Program</u>
Tactical Wheeled Vehicles	673	2000
Electronics and Commo	5709	19200
Gen	424	1175
Mil Std Engs	0	0
MHE	73	260
Construction	20	45

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(b) Depot Maintenance

	<u>CUMULATIVE COMPLETIONS Thru 31 Oct FY 71</u>	<u>REVISED FY 71 Program</u>
Tactical Wheeled Vehicles	819	2233
Electronics and Commo	968	3059
Gen	0	141
Mil Std Engs	1604	2400
MHE	90	289
Construction	0	33

(3) The increase in TWV production is primarily due to the inclusion of Field Maintenance Division general support work. Field Maintenance Division was consolidated with the Directorate for Maintenance Operations in FY 70.

(4) The decrease in Elec and Commo production is due to decreased demand for general support, as is the decrease in MHE.

(5) Marine Maintenance:

(a) Of the 127 vessels programmed for FY 71 (including FY 69-70 carryovers), 34 were completed in the Marine Repair Shops, Okinawa, or in commercial contractor repair facilities in Taiwan, the Philippines, or Singapore.

(b) During the reporting period, there were a total of 22 vessels undergoing repairs in the various commercial contract facilities or in the 2d Log Command Marine Repair Shops. This included 2-FY 69, 11-FY 70, and 9-FY 71 vessels. There were 85 scheduled vessels in FY 71, and with 42 carryovers (FY 69/FY 70), the program for FY 71 totaled 127 vessels. Thirty-eight of the 127 vessels are ARVN craft.

(c) The Marine Maintenance fund requirements were established as follows: PP 72 - \$580,000; PP 73 - \$5,300,000; PP 10 - \$900,000. (Total: \$6,813,000.). Revisions have been made in the expenditure charges of shop foremen and technicians (ship surveyors) whereby their performance expenditures are charged directly to the vessels and/or job orders to which they are assigned. Additionally, maintenance and

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upkeep requirements for the directorate's equipment is prorated to jobs accomplished within the given period of maintenance. These procedures removed these elements of expense from overhead expenditures, thereby reducing overhead expenses as well as placing these types of expenditures directly where they belong.

c. Transportation Operations:

(1) Summary of cargo operations for the reporting period:

(a) Military Cargo:

		Measurement Tons	
		<u>Discharged</u>	<u>Loaded</u>
Conventional		211,351	69,857
Sea Van		91,352	99,753
RO/RO		<u>122,972</u>	<u>114,547</u>
	TOTAL	<u>425,675</u>	<u>284,157</u>

(b) Other:

		Measurement Tons	
		<u>Discharged</u>	<u>Loaded</u>
Commercial Cargo		14,369	27,050

(c) RO/RO operations involved 34 vessel trips and 1060 inbound and 1115 outbound trailer loads.

(d) Sea Van operations involved 1740 inbound vans and 1900 outbound vans, of which 1274 left empty and 626 left filled.

(e) Army-sponsored air cargo operations totaled 2883 short tons inbound and 6343 short tons outbound, of which 4175 went to Vietnam.

(2) Summary of harbormaster operations for the period:

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- (a) Vessels serviced: 298.
- (b) POL deliveries: 275,967 gallons.

(3) Commercial Hauling Contracts: A total of 148,886 short tons of cargo was transported at a total cost of \$190,772 in support of Southeast Asia units and other federal agencies.

d. Ammunition Operations:

- (1) Explosive Ordnance Disposal responded to 150 incidents and picked up approximately 27,065 pounds of assorted hazardous munitions.
- (2) The grenade X-ray program, unique in USARPAC, processed a total of 431,623 rounds.

e. PACOM Utilization and Redistribution Agency (PURA):

- (1) A recap of the three-month activity follows:

ON-LINE PROCEDURE

	<u>Dollar Value of Reported Excesses</u>	<u>Number of Referral Actions</u>	<u>Dollar Value of Directed Referrals</u>
AUG	\$ 22,649,552	4958	\$ 6,520,855
SEP	22,545,588	6469	3,618,621
OCT	89,933,207	27327	4,067,864
TOTAL	<u>\$135,128,347</u>	<u>38754</u>	<u>\$14,207,340</u>

As of October, PURA is fully operational under the "Quick Fix" program.

- (2) During the quarter, PURA returned to the nominating services \$84,145,897 of no interest excesses.

f. Data Systems:

(1) USARPAC Logistics Support System 1971 (LSS-71) is being incrementally implemented at 2LC via Version Changes to the USARPAC 3S ADP Program Library. The interim system of LSS-71 has now been nearly totally installed. Transaction volumes are increasing. Supply management processing requirements are consuming more time each month.

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(2) The USARYIS Support Division, Directorate for Data Systems, assisted the Storage Division, Directorate for Supply Operations, 2d Logistical Command, in preparation of documentation to accomplish re-warehousing. The locator card file was passed through the UNIVAC 1005 to select all locations of the warehouse being rewarehoused and punch a puller card for each location. The locator card file and the puller deck, in federal stock number sequence, were again processed to select and punch a card for all like federal stock numbers in more than one location in the locator file. The puller cards and like FSN cards, punched in the last step, were then merged and listed. The listings are used by Storage Division to consolidate all items during the physical rewarehousing process. The Directorate for Data Systems was able to accomplish this with 24 hours of programming effort and 159 hours of machine time, a task that would have taken Storage Division 2350 man-hours to accomplish manually.

g. Property Disposal: There has been a significant decline in the volume of property turned in. During the last three months (Aug - Oct), property with acquisition cost totalling \$14,992,305 was generated. The decline in generation of property is attributed primarily to a decrease in turn-ins of items, such as vehicles, trailers, and construction equipment, through the retrograde program from Vietnam. Information received indicates that stepped up generation will result commencing in November.

2. Lessons Learned: Commander's Observations, Evaluations, and Recommendations.

- a. Personnel. None.
- b. Intelligence. None.
- c. Operations.

(1) Assets in Condition Code "M"

(a) Observations: The count of assets in condition code "M" has been conducted by means of obtaining a count of open maintenance requests (DA Form 2407) on file in the Job Order Control Section of Storage Division. Physical count is not feasible as the items, in many cases, are in various stages of disassembly or in a remote location.

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(b) Evaluation: This method proved to be highly unsatisfactory and resulted in erroneous adjustments. In many cases, the item had not yet reached the maintenance facility or had been completed and returned to stock while documentation on file in the Job Order Control Section was premature or still in float.

(c) Recommendation: That no adjustment action be taken on condition code "M" assets when an inventory is being conducted for an item in this condition code. Other condition codes would be adjusted in accordance with physical count.

(2) RVN Ocean Cargo Manifests

(a) Observation: RVN does not forward Ocean Cargo Manifests to Okinawa on tab cards via transceiver in a timely manner.

(b) Evaluation: When this command receives hard copy manifests on board vessels loaded in RVN, it must produce tab cards using many keypunch and card verifying hours. This same data is transceived later from RVN, but, in many cases, too late for timely import cargo manifest processing at 2LC.

(c) Recommendation: PVN terminals should be given PCM equipment or time sharing on PCM equipment to reduce this double workload. This command could then process, discharge, and deliver retrograde cargo to depot destinations more rapidly and with better, more complete MILSTAMP documentation.

d. Organization. None

e. Training. None

f. Logistics.

(1) High replacement rate of cylinder sleeves and piston assemblies for multifuel engines.

(a) Observation: All cylinder sleeve and piston assemblies were being replaced, regardless of wear, during overhaul.

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(b) Evaluation: It was found, when measuring the wear on these cylinders, that approximately twenty percent of the cylinders had less than .0015 inches of wear. In addition, the area 180 degrees from the thrust side of the sleeve indicated practically no wear. The sleeve is designed so that it may be rotated 90 degrees without interfering with the connecting rod travel when reinstalled, thus giving a practically new sleeve performance when reinstalled during assembly of the engine. This technique has been tried and proven to be very successful. In addition, it has reduced cost and the demand for cylinder sleeves and piston assemblies from the supply system.

(c) Recommendations: That activities overhauling multifuel engines adopt this technique of salvaging cylinder sleeves.

(2) Requirement for lift capability in depot maintenance operations.

(a) Observation: There was a mass requirement for wreckers and cranes in work areas where the item being worked on was beyond the repairman's capability to lift.

(b) Evaluation: It was found that simple swing hoists made from pipe and channel iron secured to walls adjacent to work areas virtually eliminated the need for wreckers and cranes. These swing hoists are easy to maintain in comparison to wreckers and cranes, can be manual or electric, and are always available for use by the mechanic.

(c) Recommendations: That activities engaged in maintenance operations consider the use of swing hoists in lieu of expensive wreckers and cranes for lift capability.

(3) Overhaul of the front axle backing plate on 2-1/2 and 5 ton trucks.

(a) Observation: Backing plates with components were cleaned and overhauled by the mechanic on the assembly line, which required the mechanic to lose many manhours chasing parts.

(b) Evaluation: It was found that the backing plate could be overhauled as an off-line function on an exchange basis. All the parts required were placed in bins within easy reach of the off-line mechanic. In addition, presses were made available to push out frozen anchor adjusting pins, whereas before they were heated and removed with a hammer. This change in procedure has reduced manhours and minimized the time required for the mechanic on the assembly line to be on his knees.

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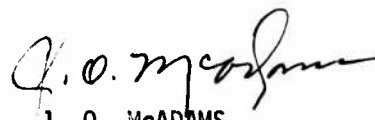
(c) Recommendations: That activities engaged in maintenance operations accomplish the overhaul of front axle backing plates off-line.

g. Communications. None.

h. Materiel. None.

i. Other. None.

FOR THE COMMANDER:


J. O. McADAMS
Colonel, Armor
Deputy Commander

RIC-OP (20 Nov 70) 1st Ind
SUBJECT: Operational Reports-Lessons Learned, Headquarters,
2d Logistical Command, Period Ending 31 October
1970, RCS CSFOR-65 (R2)

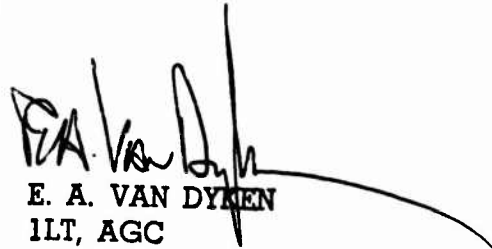
Headquarters, United States Army, Ryukyu Islands, APO
San Francisco 96331 6 JAN 1971

THRU: Commander in Chief, United States Army, Pacific
ATTN: GPOP-DT, APO San Francisco 96558

TO: AC of S for Force Development, Department of the
Army, Washington, D.C. 20310

The basic correspondence, subject as above, has been received
by this headquarters and is concurred in.

FOR THE COMMANDER:


E. A. VAN DYKEN
1LT, AGC
Asst AG

GPOP-DT (20 Nov 70) 2d Ind
SUBJECT: Operational Report of HQ, 2d Logistical Command,
for Period Ending 31 October 1970, RCS CSFOR-65 (R2)

HQ, US Army, Pacific, APO San Francisco 96558 2 FEB 1971

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

This headquarters concurs in subject report as indorsed.

FOR THE COMMANDER IN CHIEF:

L.M. Ozaki, 165 AGC
/ L.M. OZAKI
CPT, AGC
Asst AG

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