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1st LOGISTICAL COMMAND
US ARMY VIETNAM

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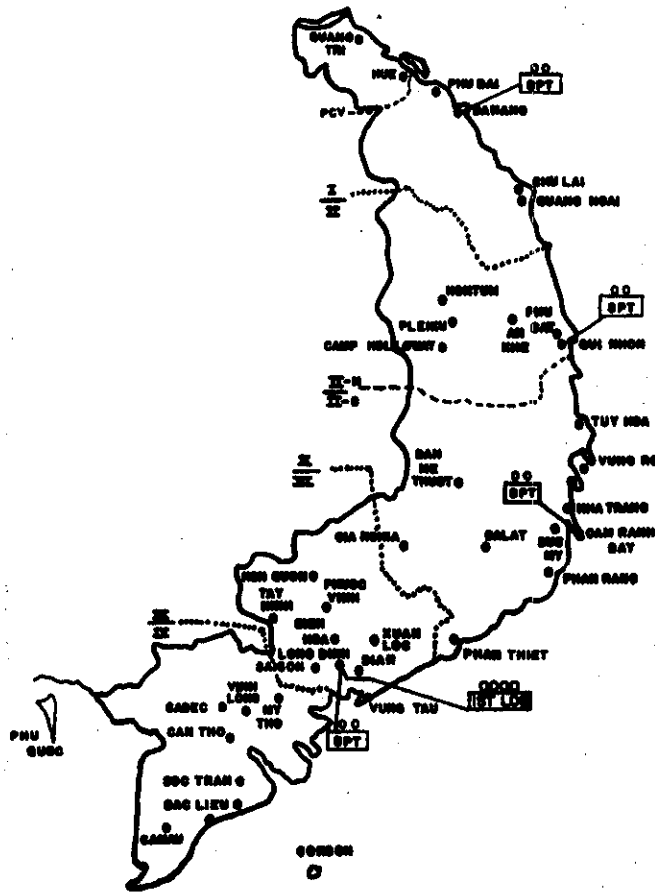
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FACT BOOK
1968

GROUP 4
DOWNGRADED AT 3 YEAR INTERVALS
DECLASSIFIED AFTER 12 YEARS
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Republic of
VIETNAM

1ST LOGISTICAL COMMAND
FACT BOOK
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PERSONNEL STRENGTHS
(AUTHORIZED)

CATEGORY BY COMD	MILITARY				DAC TOTAL	CONTRACT				TOTAL ASST PERS	LN DIRECT HIRE	LN DAILY HIRE	TOTAL
	OFF	WO	EM	TOTAL		US	TCN	LN	TOTAL				
HQ, 1st Log	169	7	315	491	15	0	0	0	0	27	101	40	674
19th ICC	43	4	321	368	127	0	0	0	0	50	100	25	670
USAPAV	44	0	14	58	35	0	0	0	0	0	77	0	170
OTHER UNITS	31	32	607	670	0	0	0	0	0	0	37	0	707
SUB TOTAL	287	43	1257	1587	177	0	0	0	0	77	315	65	2221
SAIGON	934	236	18429	19599	75	1181	2510	32837	36528	430	7549	897	65078
CRB	549	141	10986	11676	25	633	2745	5185	8563	32	1090	125	21511
QNH	593	130	13242	13965	12	293	2506	4642	7441	129	1892	1097	24536
DNG	263	90	6969	7322	14	41	84	543	668	24	83	349	8460
TOTAL	2626	640	50883	54149	303	2148	7845	43207	53200	692	10929	2533	121806

SOURCE: 1st Log Comd
As of 30 April 68

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PERSONNEL STRENGTHS
(ACTUAL)

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Category By Comd	Military				DAC TOTAL	CONTRACT				TECH ASST PERS	LN Direct HIRE	LN Daily HIRE	TOTAL
	OFF	WO	EM	TOTAL		US	TCN	LN	TOTAL				
HQ, 1st Log	274	14	482	770	17	0	0	0	0	27	88	40	942
14th ICC	45	5	251	301	102	0	0	0	0	50	88	25	566
USAPAV	54	0	27	81	45	0	0	0	0	0	68	0	194
OTHER UNITS	30	24	665	719	0	0	0	0	0	0	47	0	766
SUB TOTAL	403	43	1425	1871	164	0	0	0	0	77	291	65	2468
SAIGON	899	226	16920	18045	70	1181	2510	32837	36528	430	7185	897	63155
GRB	568	140	9439	10147	18	633	2745	5185	8563	32	1458	125	20343
QNH	589	110	12360	13059	10	293	2506	4642	7441	129	1848	1097	23584
DNG	316	79	7470	7865	10	41	84	543	668	24	27	349	8943
TOTAL	2775	598	47614	50987	272	2148	7845	43207	53,200	692	10809	2533	118493

SOURCE: 1st Log Comd, ACoS PER
As of 30 April 68

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ORGANIZATION	HQ, 1st Log			14th ICC			USASC, SGN			USASC, QNH			USASC, CRB			USASC, DNG			TOTAL
	MIL	DAC	CTSP	MIL	DAC	CTSP	MIL	DAC	CTSP	MIL	DAC	CTSP	MIL	DAC	CTSP	MIL	DAC	CTSP	
USAMC		6			17			52	2		6					9			92
USAECOM		5	1		6			6	4		1	1		1			1	1	27
USAMICOM								1											1
USAMVCOM					3														3
USAMEC		1			8			11	1		7		6	6			2		42
USATAC		4			2		2	12	5	3	2	6	2	5	2		3		48
USAWECOM		1			2			13				2					2		20
PROJECT COUNTER	7						255	39		67	32		8						408
OTHER			2			12			27			2			2			6	51
TOTAL	7	17	3	0	38	12	257	134	39	70	48	11	16	12	4	9	8	7	692

SOURCE: 1st Log Comd, ACofS Dep.
As of 30 April 68

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1ST LOG SUPPORT-US FORCES-OTHER

EMENTS
SUPPORTED
(1,036,059)

BAKERY
REG
MORTUARY
PROP DISP
LAUNDRY
R & U
REPAIR PARTS
MAINT, GS
MAINT, DS
CL I
CL II & IV
CL III PKG/BLK
CL V
ARM SVC
MOTOR TRANS

	USAF	(50,978)
	USN	(11,219)
	USCG	(285)
	FWMAF	(53,805)
	DAC	(1,577)
	TCN	(15,000)
	CNTR, OTHER US	(10900)
	ARVN	(545,000)
	USA	(348,195)

NOTE: Supported strength figures indicate maximum number provided any support.

SOURCE: 1st Log Comd ACoFS, SP&O
Plans & Force Development
As of 30 Apr 68

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TROOPS SUPPORTED DA NANG (PROV)

<u>I CTZ</u>	<u>1st LOG</u>	<u>USA (-)</u>	<u>USN</u>	<u>USMC</u>	<u>USAF</u>	<u>USCG</u>	<u>FWMAF</u>	<u>TOT</u>
Chu Lai	400	16871	0	0	0	0	0	17271
Da Nang	2882	3276	0	0	0	0	0	6158
Dong Ha	104	3718	0	0	0	0	0	3822
Duc Pho	22	5636	0	0	0	0	0	5658
Pho Trac	189	0	0	0	0	0	0	189
Phu Bai	638	4206	0	0	0	0	0	4844
Quang Tri	1225	18099	0	0	0	0	0	19324
Thon My Thuy	2134	0	0	0	0	0	0	2134
Other Areas	0	21294	0	0	0	0	0	21294
TOTAL	7594	73100	0	0	0	0	0	80694

SOURCE: SP&O Plans & Force Development
As of 30 April 68 E-2

TROOPS SUPPORTED QUI NHON SUPCOM

II CTZ (N)	1st LOG	USA (-)	USN	USMC	USAF	USCG	FWMAF	TOT
An Khe	522	5929	0	0	77	0	0	6528
Cha Rang	1136	17	0	0	0	0	0	1153
Phu Tai	774	339	0	0	0	0	0	1113
Phu Thanh	8	619	0	0	0	0	0	627
Pleiku	3020	19871	0	0	0	0	0	25616
Qui Nhon	8786	10138	454	0	2714	0	11	33167
					155	6	13628	
Other Areas	0	12912	1	5	4308	0	27	17253
TOTAL	14246	49825	455	5	7254	6	13666	85457

SOURCE: SP&O Plans & Force Development
As of 30 April 68

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TROOPS SUPPORTED CAM RANH BAY SUPCOM

<u>II CTZ (S)</u>	<u>1st LOG</u>	<u>USA (-)</u>	<u>USN</u>	<u>USMC</u>	<u>USAF</u>	<u>USCG</u>	<u>FWMAF</u>	<u>TOT</u>
Cam Ranh Bay	10461	4917	1795	0	8266	9	0	25448
Nha Trang	539	10870	177	7	4490	0	8981	25064
Tuy Hoa	852	1445	5	1	3845	0	0	6148
Phan Rang	258	122	17	1	5277	0	264	5939
Vung Ro Bay	329	0	35	0	0	0	0	364
Ninh Hoa	8	262	0	1	0	0	14173	14444
Dalat	8	502	0	0	45	0	3	558
Ban Me Thout	8	600	0	0	71	0	0	679
Other Areas	0	7068	21	5	14	0	0	7108
Total	12463	25786	2050	15	22008	9	23421	85752
As of 30 April 68								

SOURCE: SP-60 PLANS & Force Development B-4

TROOPS SUPPORTED S GON SU M

III/IV CTZs	1st LOG	USA (-)	USN	USMC	USAF	USCG	FWMAF	TOTAL
Bear Cat	184	3286	0	0	14	0	2207	5691
Bien Hoa	520	10603	2	1	5983	0	2	17111
Can Tho	49	3568	51	3	88	0	2	3761
Cat Lai	1072	77	0	0	0	8	0	1157
Cholon	22	759	0	0	0	0	0	781
Cu Chi	212	14026	0	0	13	0	0	14251
Dau Tieng	10	3729	0	0	4	0	0	3743
Di An	175	7069	0	0	0	0	2116	9360
Dong Tam	234	5858	2171	10	0	0	0	8273
Lai Khe	14	7791	0	0	0	0	0	7805
Long Binh	11888	26744	0	0	22	3	0	38657
Long Giao	387	6085	0	0	0	0	0	6472

SOURCE: SP&O Plans & Force Development

As of 30 Apr 68

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TROOPS SUPPORTED SAIGON SUPCOM (CON)

Phu Lam	6	776	0	0	0	0	0	782
Phu Loi	504	4363	0	0	18	0	0	4885
Quan Loi	30	3647	0	0	6	0	0	3683
Saigon	2865	6197	1763	120	328	16	3197	14477
Soc Trang	28	846	30	0	16	0	0	920
Tan Son Nhut	279	7343	402	126	12910	0	43	21103
Tay Ninh	517	4855	0	0	50	0	2028	7450
Vung Tau	2103	4473	283	0	582	0	1928	9369
Xuan Loc	17	838	0	0	0	0	0	855
Other Areas	0	21141	3715	17	1682	258	5194	32008
TOTAL	21107	144074	8417	277	21716	285	16718	212594
TOTAL RVN	55410	292785	10922	297	50978	300	53805	464497

SOURCE: SP&O Plans & Force Development

As of 30 Apr

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PERCENT DISTRIBUTION OF SUPPORT

<u>ELEMENT</u>	USASC SGN	USASC CRB	USASC QNH	USASC DNG(P)
US ARMY	77.7	44.6	75.0	100.0
US NAVY	3.9	2.4	0.5	0.0
USMC	0.1	0.0	0.0	0.0
USAF	10.3	25.6	8.5	0.0
USCG	0.2	0.0	0.0	0.0
FWMAF	7.8	27.4	16.0	0.0

SOURCE: 1st Log Comd ACoFS, SP&O
Plans & Force Development
As of 30 Apr 68

OFF-SHORE SUPPORT

PROCUREMENT:

1. FY 67 - \$16.1 Million in procurement by WESTPAC Agencies other than USAPAV, of which \$9 million was for the procurement of fresh fruits and vegetables.
2. FY 68 - Expenditures in WESTPAC are expected to be less than \$10 million.

MAINTENANCE:

1. Japan - Rebuild of M113's for return to depot stock.
2. Okinawa -
 - a. Ballistic and technical svcs.
 - b. Secondary transfer standard calibration service.
 - c. Assistance in the retrograde of repairables to CONUS.
 - d. Provides backup GS maintenance on tactical vehicles, combat vehicles, construction equipment, generators, and components for return to stock.
 - e. Provides backup GS maintenance on equipment for repair and return to user which is beyond in-country capability. This procedure requires approval by USARV on an item-by-item basis.

As of 31 March 1968

OFF-SHORE SUPPORT (CON'T)

SUPPLY:

1. Okinawa:
 - a. Receives excess CL II & IV from RVN depots.
 - b. Surge tank for CL IV CONST materials; 50% of the dollar value, representing 34% of the tonnage.
 - c. Under emergency conditions RVN will draw on Okinawa after present levels are exhausted.
2. Japan:
 - a. Air droppable reserves in Japan.

AMMUNITION:

1. Reverse stock of CIV.

SOURCE: 1st Log Comd Dir/Maint
Dir/Gen Sup
USAPAV
Dir/Food
Dir/Ammo

As of 31 Mar 68

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MILITARY INTELLIGENCE

<u>AREA</u>	<u>LOCATION</u>	<u>STRENGTH</u>
USASC, SGN*	Long Binh FO	10
	Saigon FO	11
USASC, CRB	Vung Tau FO	6
	Cam Ranh Bay FO	7
	Nha Trang FO	8
	Tuy Hoa FO	5
USASC, QNH	Qui Nhon FO	8
	Pleiku FO	6
USASC, DNG (P)	Da Nang FO	5

* Headquarters, 524 MI Det is located in Saigon with a strength of 17.

SOURCE: 1st Log Comd ACofS, SP&O, Security
As of 30 Apr 68

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AIR DELIVERY

1ST LOG COMD UNITS:

109 QM CO (Air Delivery), CRB
383 QM DET (Air Equipment Supply B.H.)
623 QM CO (Air Equip Repair & Depot)
CRB

UNITS ATTACHED TO 383QM DET:

Platoon, 549th QM Co(AD), Sagami
Japan

Platoon (-), 173d Air Equip Supt Plt.

Platoon (-), 101st Abn Div Air Equip
Supt Co (-)

UNITS ATTACHED TO 109TH QM CO (AD):

Platoon (-), 1/101st Abn Div Air Equip
Supt Platoon

AIR DELIVERY:

1. Performed by the 109 Qm CO and 383 QM DET which have the missions of parachute rigging, temporary storage and rigging of supplies for airdrop by US ARMY, USAF, and/or other service aircraft; to render technical assistance in the recovery and evacuation of air drop equipment.

2. Capability-requisition, receive, store, and prepare (to include packing of parachutes and rigging of loads) 500 S/T of supplies and equipment per day.

3. Pre-Rigged Supplies:

a. CL I - 45.12 S/T

b. CL III - 38.900 gal (144.05 S/T)

c. CL V - 349.02 S/T

METHODS OF DELIVERY: (STANDARD SYSTEM)

1. CDS (Container Delivery System) 16 2200 lb A22 cargo bgs can be delivered on 1 pass from a C-130 aircraft.

SOURCE: 1st Log Comd SP&O As of 30 Apr 68

METHODS OF DELIVERY:
(STANDARDS SYSTEMS)
(CON'T)

2. ARC LAPES (LOW ALTITUDE
PARACHUTE EXTRACTION SYSTEM)
Platforms loads up to 9 S/T ex-
tracted from aircraft 0-5 feet
above ground.

3. MODULAR PLATFORM SYSTEM.
This standard system designed for
Airdrop of equipment and large
cargo exceeding dimensions of
CDS containers. Equipment or
cargo rigged for airdrop on
8, 12, 16, 20, or 24 foot Modular
Platform. The platform is ex-
tracted from the aircraft by an
extraction parachute and is air-
dropped with 1 to 6 G11A cargo
parachutes depending upon weight
of load, up to approximately
25,000 pounds maximum. A 4-G
force normally encountered on
opening shock.

SOURCE: 1st Log Comd, SP&O.
As of 30 April 68
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METHODS OF DELIVERY
(NON-STANDARD SYSTEM)

1. Ground Proximity Extraction System (GPES), a system very similar to that used on aircraft carriers for braking aircraft. The C-130 aircraft, wheels almost touching the ground, trails a hook which engages a cable stretched across the extraction zone. The hook, which is attached to an 8, 12, 16, 20 or 24 foot modular platform extracts the load from the aircraft.
2. PARACHUTE LOW ALTITUDE DELIVERY SYSTEM (PLADS) A22 Cargo bags delivered by high velocity from 250 feet. Limited to one bundle per pass.
3. 1528 LOW ALTITUDE PARACHUTE EXTRACTION SYSTEM (LAPES) This system employs 2 or 3 LAPES Platforms in tandem. The 15 ft extraction parachute, attached to a release plate in the rear of the aircraft is deployed a few minutes before delivery. When on target, a release plate is activated and the 15 ft extraction parachute deploys three 28 ft extraction parachutes. These parachutes extract the platforms and retard the load as it skids along the extraction zone.

SOURCE: 1st Log Comd SP&O
As of 30 Apr 68

MAINTENANCE AIR EQUIPMENT REPAIR/
DEPOT

623d QM Co has the mission of operating a QM depot for supply, field maintenance, and reclamation of air delivery equipment. Maintains on hand the air delivery equipment specified in the 1st Log Comd OPLANS 13-67.

SOURCE: 1st Log Comd Hq. SP&O
As of 30 Apr 68

B-14

ESTIMATED DAY OF SUPPLY
(Type Battalion Slice)

TYPE UNIT	CL I RATS	JP4 GAL	AVGAS GAL	MOGAS GAL	DSL GAL	CLV S/T	TOTAL S/T
Inf Bn	1,500	2,000	250	1,000	1,000	9.2	30.2
Inf Bn (AM)	1,400	2,000	650	1,000	500	12.8	31.4
Inf Bn (ABN)	1,500	1,000	250	1,200	250	8.8	24.9
Inf Bn (LT)	1,400	2,000	250	1,200	250	5.8	25.1
Inf Bn (MECH)	1,400	NEG	200	2,000	1,000	11.3	27.4
Ar Bn	700	NEG	200	1,000	2,500	24.7	36.6
Ar Cav Sqdn	1,200	1,000	600	3,000	3,000	20.0	50.8
Ar Cav Sqdn (Non-Div)	1,200	1,000	600	3,000	3,000	45.6	76.4
Aslt Hel Bn	600	18,000	300	NEG	NEG	3.8	70.0
Airmble Co	200	6,000	100	NEG	NEG	4.3	26.4
Aslt Spt Hel Co	150	6,000	100	NEG	NEG	NEG	21.9

SOURCE: 1st Log Comd ACoFS, SP&O, Operations B-15 As of 30 Apr 68

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TASK FORCE DAY OF SUPPLY

Inf Bde (AM)

CLI	4,500 rations	16.0 s/t
JP 4	30,000 gallons	105.0 s/t
AVGAS	2,000 gallons	7.0 s/t
MOGAS	2,500 gallons	8.8 s/t
Diesel	1,000 gallons	3.5 s/t
CL V	-	136.5 s/t
TOTAL		276.8 s/t

Inf Bde (ABN)

CL I	5,000 rations	17.5 s/t
JP 4	15,000 gallons	52.5 s/t
AVGAS	750 gallons	2.6 s/t
MOGAS	3,500 gallons	12.5 s/t
Diesel	800 gallons	2.8 s/t
CL V	-	113.6 s/t
TOTAL		201.5 s/t

Inf Bde

CL I	5,000 rations	17.5 s/t
JP 4	15,000 gallons	52.5 s/t
AVGAS	750 gallons	2.6 s/t
MOGAS	3,000 gallons	10.5 s/t
Diesel	2,000 gallons	7.0 s/t
CL V	-	115.6 s/t
TOTAL		205.7 s/t

SOURCE: 1st Log Comd ACofS, SP&O
Operations
As of 30 Apr 68

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TYPE BRIGADE TASK FORCE

INFANTRY BRIGADE (AIR MOBILE):

Bde CP - 1
Inf Bns - 3
Arty Bn (105mm) - 1
Arty Bn (155mm) - 1
ARA Btry (2.75 RKT) - 1
Air Cav Troop - 1
Airmobile Co - 2
Aslt Spt Hel Co (Mdm) - 1

INFANTRY BRIGADE (AIRBORNE):

Bde CP - 1
Inf Bn - 3
Arty Bn (105mm) - 1
Arty Btry (155mm) - 1
Ar Cav Troop - 1
Airmobile Co - 2
Hel Co (Mdm) - 4-6

INFANTRY BRIGADE:

Bde CP - 1
Inf Bn - 3
Arty Bn (105mm) - 1
Arty Bn (155mm) - 1
Ar Cav Troop - 1
Airmobile Co - 2
Hel Co (Mdm) - 4-6

SOURCE: 1st Log Cmd ACofS, SP&O
Operations

As of 30 April 1968

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MAJOR EQUIPMENT FOR TYPE FSA

Bulldozer-1	Conex-10
Wrecker-1	Trk, Tank, 1200-3
Tanker, 5000 gal-1	Trk, Trac, 5T-5
Trk, 1/4T w/radio-2	Trk, cgo, 2 1/2T-3
Forklift-2	Trailer, 1 1/2T-3
Washer-2	Trk, 3/4T-5
Dryer-3	Trl, wtr, 400G-1
Trailer, S&P-5	Fuel System-1
Trk, cgo, 5T-5	Trailer, 2 1/2T-2
Reefer unit-4	
Reefer box-3	

Air shipment of the above except the bulldozer, wrecker and tanker, 5000 gal, can be accomplished in 26 sorties.

PERSONNEL - 1 OFF, 1 WO, 85 EM
Command & Control - 15
Ammo - 25
POL - 10
Laundry, Bath - 25
CL I - 10

SOURCE: 1st Log Gmd ACofS, SP&O
Operations
As of 30 April 1968

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COMBAT UNIT SUPPORT SYSTEM

I CTZ - USASC, DNG (P)

UNIT	LOCATION/PROVINCE	SUPPLY POINT	FSA (CL I, III, V)
Americal Div	Chu Lai/Quang Ngai	Chu Lai	
196 Inf Bde	Pho Trach/Thua Thien	LOTS	
198 Inf Bde	Chu Lai/Quang Ngai	Chu Lai	Camp Evans
1/1 Cav	A Luoi/Thua Thien	LOTS	
3/1 Cav	A Luoi/Thua Thien	LOTS	Camp Evans
2/101st Abn	Hue/Thua Thien	LOTS	Camp Evans
11th Inf Bde	Duc Pho/Quang Ngai	Chu Lai	Camp Evans
2/1 Cav	Khe Sanh/Quang Tri	FISG "B"	Duc Pho
1/101st Abn	Phu Bai/Thua Thien	LOTS	
3/82d Abn	Phu Bai/Thua Thien	LOTS	Phu Bai

NOTES: 1. CL I, III (BULK), and common II & IV are provided by NAVSUPACT.
2. Army peculiar II & IV, III (PKG), and CL V provided by USASC, DNG
3. Back-up support for I CTZ is provided by USASC, GRP

SOURCE: 1st Log Comd, SP&O, Operations As of 30 Apr 68 B-19

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COMBAT UNIT SUPPORT SYSTEM (CONT)

II CTZ - N - USASC QNH

UNIT	LOCATION/PROVINCE	SUPPLY POINT	PSA (CL I, III, V)
173d Bde(-)	English/Binh Dinh	Qui Nhon	English
I Bn (173)	An Khe/Binh Dinh	An Khe	
4 Inf Div	Pleiku/Pleiku	Pleiku	
1 Bde	Dak to/Kontum	Pleiku	Dak To
2nd Bde	Pleiku/Pleiku	Pleiku	
3d Bde	Kontum/Kontum	Pleiku	

II CTZ - S - USASC. GRB

3/506 Bn 1/101st

BN (173)	Phan Thiet/Binh Thuan	Phan Rang	
	Tuy Hoa/Phu Yen	Tuy Hoa	Phan Thiet
SOURCE: 1st Log Comd ACofS, SP&O Operations			
As of 30 April 68			
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COMBAT UNIT SUPPORT SYSTEM (CONT)

III & IV CTZ - USASC, SGN

UNIT	LOCATION/PROVINCE	SUPPLY POINT
1 Inf Div	Lai Khe/Binh Dong	Long Binh/Saigon
1 Bde	Quan Loi/Binh Long	Long Binh/Saigon
2 Bde	Di An/Bien Hoa	Long Binh/Saigon
3 Bde	Lai Khe/Binh Duong	Long Binh/Saigon
9 Inf Div	Bear Cat/Bien Hoa	Long Binh/Saigon
1 Bde	Dong Tam/Dinh Tuong	Dong Tam
2 Bde	Mobile Riverine Force (1)	Ving Tau
3 Bde	Tan An/Long An	Long Binh/Saigon
25 Inf Div	Cu Chi/Hau Nghia	Long Binh/Saigon
1 Bde	Tay Ninh/Tay Ninh	Tay Ninh
2 Bde	Cu Chi/Hau Nghia	Long Binh/Saigon
3 Bde	Dau Tieng/Tay Ninh	Tay Ninh

FSA (CL I, III, V)

As of 30 Apr 68

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COMBAT UNIT SUPPORT SYSTEM (CONT)

III & IV - USASC, SGN

UNIT	LOCATION/PROVINCE	SUPPLY POINT	FSA (CL I, III, V)
101 Abn Div (REAR)	Bien Hoa/Bien Hoa	Long Binh/Saigon	
3 Bde	Phouc Vinh/Phouc Vinh	Phouc Vinh	
11 ACR	Long Binh/Bien Hoa	Long Giao/Saigon	
199 Inf Bde	Long Binh/Bien Hoa	Long Binh	
1 ATF	Nui Dat/Phuoc Tuy	Vung Tau	
RTAVR	Bear Cat/Bien Hoa	Long Binh/Saigon	

NOTES: 1. The MRF is supported out of Vung Tau with the US Navy providing boats in support of this force.

SOURCE: 1st Log Comd ACofS, SP&O Operations

As of 30 April 1968

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MAJOR UNITS

SELECTED

1ST LOG UNITS	NR	DESIGNATION
Log Comd	1	1
Support Command	4	Saigon, Cam Ranh, Qui Nhon, Da Nang (P)
Sub Area Command	7	Vung Tau, Nha Trang, Tuy Hoa, Cam Ranh, Qui Nhon, Fleiku, Da Nang
Depot	3	58, 504, 506
Gen Spt Gp	7	26, 29, 45, 53, 80, 593
ICC	1	14
Maint Bn	9	2, 5, 62, 53, 69, 79, 86, 185, 610
Sup & Svcs Bn	10	34, 88, 96, 98, 264, 266, 277, 278, 532, 563
Ord Bn (Ammo)	3	3, 184, 191
QM Bn (POL)	3	64, 240, 262

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MAJOR UNITS (CON'T)

UNIT	NR	DESIGNATION
Trans Gp (MT)	3	8, 48, 500
Trans Comd C	1	4
Trans Term Comd A	3	5, 124, 125
Trans Bn (Term)	6	10, 11, 24, 71, 159, 394
Trans Bn (MT)	8	6, 7, 27, 36, 39, 54, 57, 124
Gen Spt Gp(AcftMnt)*1	34	
Trans Bn (Seaborne)*1	1	
Trans Bn (AM&S)*	3	14, 520, 765
Trans Bn (AMMC)*	1	58

* Denotes related transportation units other than 1st Log Comd units.

SOURCE: 1st Log Comd ACofS, Plans & Force Development
As of 30 Apr 68

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MAJOR UNITS (CONT)

UNIT	NR	DESIGNATION
Inf Div	6	1, 4, 9, 25, 101, AMERICAL
Airmobile Div	1	1
Light Inf Bde	4	196, 198, 199, 11
Airborne Bde	2	173, 3/82
Armored Cav Regt	1	11
<u>SEPARATE ARTY UNITS</u>		
FFV Arty		I FFV, II FFV
Air Defense Gp	1	97
Arty Gp		23, 41, 52, 54, 108
8"/175mm Bn	9	7/8, 6/14, 7/15, 3/18, 6/27, 2/32, 6/32, 1/83, 2/94
155mm How Bn		6/84, 2/11, 3/16, 2/27, 1/14, 2/35, 2/92
105mm How Bn	13	6/33, 3/6, 7/9, 2/13, 7/13, 6/15, 2/17, 5/27, 1/60, 2/40, 6/77, 3/6, 1/14

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MAJOR UNITS (CONT)

UNIT	NR	DESIGNATION
HAWK Bn	2	6/56, 6/71
Automatic Wpns Bn	3	5/2, 1/44, 4/60
Target Aqn Bn	2	8/25, 8/26
NON-DIV AVN UNITS		
Avn Bde	1	1
Avn Gp	2	12, 17
Avn Bn	14	10, 11, 13, 14, 52, 145, 210, 212, 214, 222, 223, 224, 268, 269
SEPARATE ENG UNITS		
Eng Comd	1	US Army Constr Agency, Vietnam
Eng Bde	2	18, 20
Eng Gp (Const)	5	34, 35, 45, 79, 159
Eng Gp (Gmbt)	2	321, 937

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UNIT	NR	MAJOR UNITS (CONT) DESIGNATION
Eng Bn (Const)	15	34, 46, 62, 69, 84, 87, 92, 93, 169, 554, 557, 589, 815, 864, 36
Eng Bn (Cmbt)	11	14, 19, 20, 27, 35, 39, 70, 86, 168, 299, 588
<u>SEPARATE MP UNITS</u>		
MP Bde	1	18
MP Gp	3	16, 89, CI (Prov)
MP Bn	7	92, 93, 95, 97, 504, 716, 720
AG REPLACEMENT BN	2	22, 90

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UNIT	NR	MAJOR UNITS (CONT) DESIGNATION
<u>SEPARATE MED UNITS</u>		
Med Bde	1	44
Med Gp	4	43, 55, 68, 67
Med Depot	1	32
Med Bn	4	58, 61, 70, 74
Mobile Surg Hosp	5	2, 3, 7, 18, 45
Field Hosp	6	3, 8, 9, 17, 51, 523
Evac Hosp	8	12, 24, 36, 67, 71, 85, 91, 93
Convalescent Cntr	1	6
Air Amb Co	3	45, 498, 658 (Prov)

As of 30 Apr 68

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UNIT	NR	MAJOR UNITS (CONT) DESIGNATION
<u>SEPARATION MI UNIT</u>		
MI Gp	3	135, 149, 525
MI Bn	2	1, 519
<u>SIGNAL UNITS</u>		
Sig Bde	1	1
Sig Gp	4	2, 21, 160, Regional Comd
Sig Bn	18	36, 37, 39, 40, 41, 43, 44, 52, 53, 54, 63, 69, 73, 86, 459, 509, LLN, LLS

SOURCE: 1st Log Comd ACoFS, SP&O, Plans & Force Development
As of 30 Apr 68

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1ST LOG CMD UNIT DEPLOUMENT PROGRAM 5

CS Co, HEM	1
OD Co, Ammo	2
OD Det, Eod	1
QM Co, Petrl Op	1
SC Det, Rdr Maint	4
TC Plt, Hvy Dt	1

UNIT INACTIVATIONS

All inactivations are being held
in abeyance

SOURCE: 1st Log Comd, ACofS, SP&O
Plans & Force Development
As of 30 Apr 68

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STOCKAGE ANALYSIS (DEPOT)

CLASS OF SUPPLY	DAYS AUTH	S/O TONS	JAN		FEB		MAR		APR		STOCKS O/H
			IN	OUT	IN	OUT	IN	OUT	IN	OUT	
I (Refrig)	21										
(Non-ref)	49	65	36	35	21	30	35	33	37	30	111
(Combat)	10										
II & IV	60	188	41	40	41	32	34	37	34	41	439
IV CONST	60	295	106	115	82	49	95	78	97	89	696
III PKG	45	19	3	4	3	3	7	4	8	7	30
V	60	285	101	83	101	106	100	106	87	88	214
TOTAL*		852	289	277	278	220	271	258	263	255	1490
III BULK**	30	1.2	2.4	2.4	2.1	2.0	2.4	2.3	2.4	2.3	689.9

*Expressed in thousand S/T.

**Expressed in millions of barrels.

SOURCE: 1st Log Comd, Dir/Gen Sup (Cl I, II & IV, IV CONST, & III PKG)

Dir/Ammo (CL V)

Dir/POL (1 III BULK)

As of 30 Apr 68

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CONSUMPTION/PLANNING FACTORS

CLASS OF SUPPLY FACTORS*

I	8.98
II	15.70
IV CONST	23.00
III PKG	1.48
V	14.33
PX	4.29
SPECIAL SERVICES	.07

TOTAL (LB/MAN/DAY) 67.85

TOTAL (TON/MAN/YR) 12.38

*USARV adjustment of planning
Research Corporation Study.

SOURCE: 1st Log Comd
Dir/Gen Sup

As of 30 April 68

as of 30 April 68 C-2

LOGISTICAL STORAGE SPACE
(CL I, II & IV, IV CONST)

COLD STORAGE (THOUSAND NET CU FT)

		SGN	CRB	QNH	TOTAL	NOTE
TOTAL AUTHORIZED APR 68	DEPOT	599	241	303	1143	1
	DSU'S	181	89	89	359	
TOTAL AVAILABLE APR 68	DEPOT	292	264	218	774	2
	DSU'S	140	49	56	245	
	Whse (permanent)	(0)	(193)	(17)	210	
	Prefabs (temporary)	(216)	(109)	(117)	(442)	4
	Leased (temporary)	(150)	(0)	(0)	(150)	4
	Floating (temporary)	(66)	(9)	(140)	(215)	4
DIRECTED APR 68		(360)	0	205	550	3
SHORTFALL/OVERAGE		-239	-48	-104	-391	4

SOURCE: 1st Log Engr 7 May 68
As of 30 April 68

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LOGISTICS STORAGE SPACE (CONT)

COVERED STORAGE (THOUSAND GROSS SQ FT)

	SGN	CRB	QNH	TOTAL	NOTE
TOTAL AUTHORIZED APR 68	3232	879	1744	5255	1
TOTAL AVAILABLE APR 68*	631***	855	837	2323	
DIRECTED APRIL 68	1039	0	124	1163	3
SHORTFALL/OVERAGE**	-1562	-24	-183	-1769	

NOTE: 1. Computed from NEW MACV Study. (Depot plus DSU's)

2. SOURCE: 1st Log Engr

3. Current USARV construction directives.

4. Completion of deficit will allow redistribution of prefabs to Supply Points and the release of floating and leased space.

5. Additional required to include upgrading unimproved and semi-improved space now in use.

*Depot plus DSU's **Shortfall/overage is based on the difference between total required and permanent facility available and directed.*** Does not include leased space.

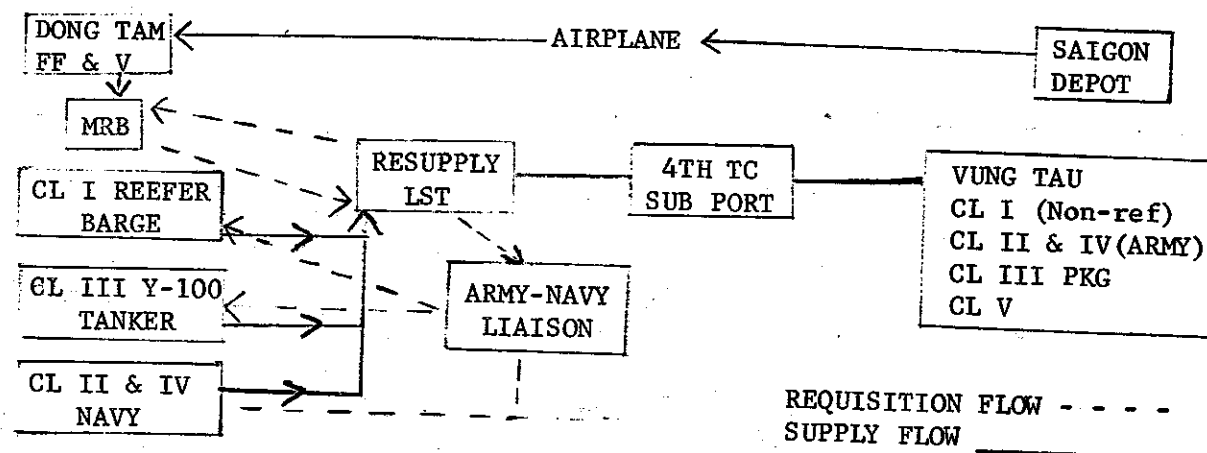
LOGISTICS STORAGE SPACE (CONT)

OPEN STORAGE (THOUSAND GROSS SQ FT)

	SGN	CRB	QNH	Total	Note
TOTAL AUTHORIZED APRIL 68	7,580	2,597	3,195	13,372	1
TOTAL AVAILABLE APRIL 68	9,485	8,232	7,952	25,669	2
Improved (standard)	4,252	2,817	2,097	9,166	
Unimproved	5,233	5,415	5,855	16,503	
DIRECTED APRIL 68	5,411	0	4,144	9,555	3
SHORTFALL/OVERAGE	+2,082	+220	+3,046	+5,348	
SOURCE: 1st Log Comd Engr					
As of 30 April 1968					

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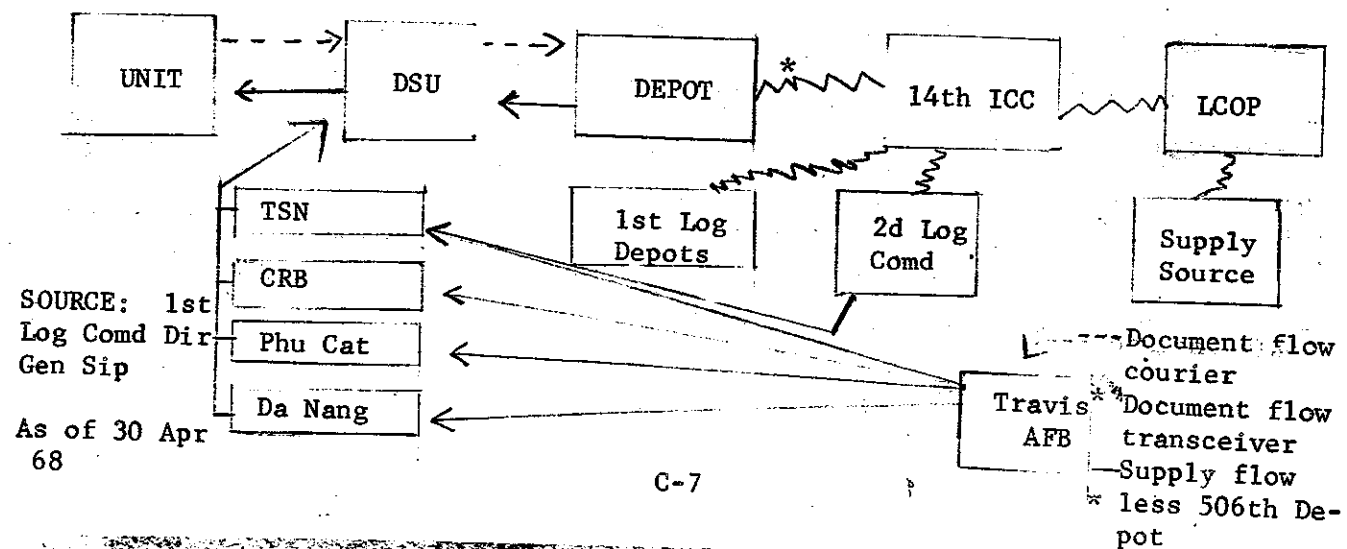
RIVERLINE SUPPLY SUPPORT



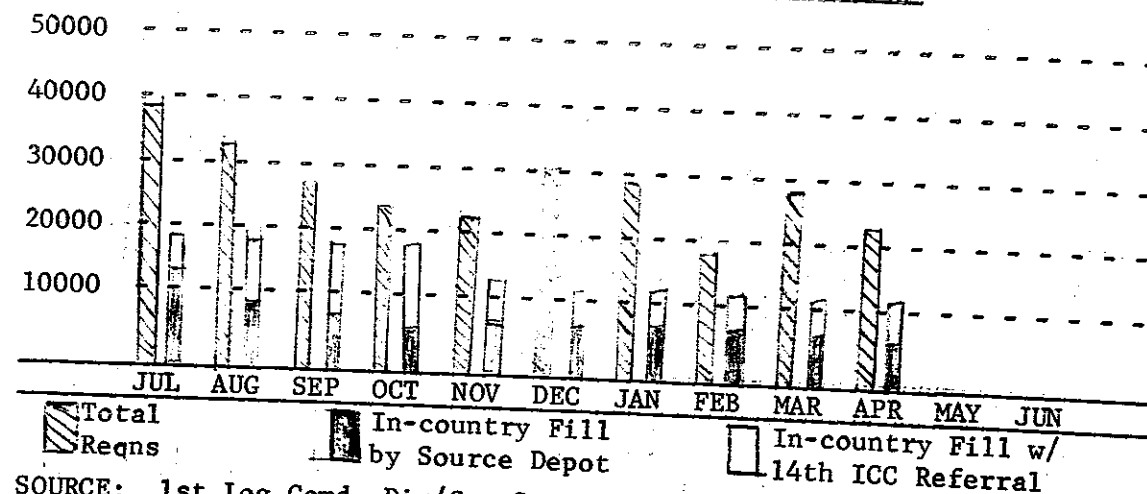
SOURCE: 1st Log Comd Dir/Gen Sup
As of 30 Apr 68

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RED BALL SYSTEM



TOTAL RBE/RBX REQNS AND IN-COUNTRY FILL



SOURCE: 1st Log Comd, Dir/Gen Sup
As of 30 April 68

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MHE REPLACEMENT STATUS

		RECEIVED	RETROGRADED	O/H	
	RVN-REQ	1 Sep-30	Apr 1 Jan-31	Mar 30 Apr	PRGMD
Forklift 4,000 lb Elec	167	3	46	120	15
Forklift 4,000 lb Gas	865	46	103	570	199
Forklift 4,000 lb Whse trac	318	77	33	252	102
Forklift 6,000 lb Gas	455	86	73	447	145
Forklift 6,000 lb RT	880	305	100	648	605
Forklift 10,000 lb RT	389	67	87	322	171
Forklift 15,000 lb Gas	390	40	110	309	64

SOURCE: 1st Log Comd, Dir Gen/Sup
 Dir Maint
 DA CLSP

As of 30 April 68

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M113 SERIES APC BATTLE LOSS RATES

MON	DENS	M113		DENS	M113A1		DENS	TOTAL	
		B/L	%LOSS		B/L	%LOSS		B/L	%LOSS
JUL	954	27	2.8	228	11	4.9	1182	38	3.2
AUG	943	15	1.6	450	12	2.7	1393	27	2.0
SEP	828	12	1.5	654	17	2.6	1480	29	2.0
OCT	786	11	1.4	694	19	2.7	1480	30	2.0
NOV	567	12	2.1	951	12	1.3	1518	24	1.5
DEC	527	15	2.8	1020	20	1.9	1547	35	2.3
JAN	496	19	3.8	1218	35	2.8	1714	54	3.2
FEB	451	45	9.8	1263	66	5.3	1714	111	6.4
MAR	386	27	6.9	1335	75	5.5	1721	102	5.8
APR	258	16	6.2	1495	38	2.5	1721	54	3.1
MAY									
JUN									

PROJECTED LOSS - 3.5%

SOURCE: 1st Log Comd, Dir/Sup, Dir/Maint
As of 30 April C-10

CLOSED LOOP PROGRAM**

	REC'D	RETRO
MHE	205	192
ENG CONST EQP	158	121
GEN	1,030	782
MIL STD ENG FOR GEN	967	1,639

NOTE: 2 ea 10,000 lb forklift loss due to conversion from forklift to scoop loader.

SIG (MOT)	5,098	3,388
TANK CMET (MOJ)	240	260
Engine	338	319
Transmission	200	281
Final Drive	268	92
APC M113 (MOU)	1,698	1,335
Engine	431	534
Transmission	517	136
Final Drive*	311	94
Differential	191	43
Transfer	105	90
APC M113A1 (MOU)		
Engine	311	260
Transmission	273	72
Transfer	181	42

Figures expressed are cumulative.

*M113 and M113A1 final drive and differential interchangeable.

**Due to revision of program, updated information will not be available until 15 April 68

SOURCE: 1st Log Comd Dir/Sup
As of 31 Mar 68

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AMMUNITION STOCKS

(Objectives Est Storage Cap)
(Projected to 31 May 68)

LOCATION	SO	EST CAP
Long Binh	85,000	100,000
Vung Tau	12,000	12,000
Tay Ninh	8,000	8,000
USASC SGN	105,000	120,000
Cam Ranh Bay	88,000	100,000
Tuy Hoa	7,000	13,000
USASC CRB	95,000	113,000
Phu Tai	35,000	45,000
Pleiku	10,000	12,000
An Khe	10,000	11,000
USASC QNH	55,000	68,000
Da Nang	17,000	7,500
Dong Ha	4,000	4,500
Chu Lai	9,000	12,000
USASC DNG	30,000	24,000
TOTAL	285,000	325,000

NOTE: 1. Storage capability at DNG is not adequate to store S/O. Construction requirements have been submitted to III MAF.

2. CRB is utilized as the Class V base depot.

SOURCE: 1st Log Comd Dir/Ammo as of 30 April 68.

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AMMUNITION SYSTEM

COMPLETE SUPPORT:

- a. US Army
- b. ROKA
- c. PHILCAGV
- d. Royal Thai Force

PARTIAL SUPPORT:

- a. Australian Task Force
- b. US Navy
- c. ARVN
- d. USAID

NO SUPPORT:

- a. USAF
- b. USMC

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 68

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AMMUNITION SYSTEM COMPONENTS

INSTALLATIONS AND FACILITIES:

- a. Base depots - 3
- b. ASP's - 8

AMMUNITION UNITS

- a. Ammo Directorates - 5
- b. Ammo Battalions - 3
- c. Ammo Companies - 12
- d. Ammo Supply Det - 3
- e. Ammo Renovation Det - 3
- f. Magazine Platoon - 1
- g. EOD Det/Sec - 11

PERSONNEL - Approx 3,600

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 68.

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CLASS V COMMAND CONTROLLED ITEMS

<u>ITEM</u>	<u>RSR</u>	<u>ASR</u>	<u>Get Well Date and Remarks</u>
Ctg 7.62mm Minigun	1000.0	225.0 rds/wpn/day	LP
Ctg 40mm, HE M406	1.9	1.0 rds/wpn/day	LP
Ctg 81mm Illum	2.1	.8 rds/wpn/day	Aug 68
Ctg 105mm HE	49.0	40.0 rds/wpn/day	Late cy 68
Ctg 105mm Smk WP	3.0	.5 rds/wpn/day	ASR*
Ctg 105mm Illum	3.3	2.0 rds/wpn/day	LP
Proj, 175mm HE	35.0	20.0 rds/wpn/day	Early cy 69
Clus Can Tact (CS)	1.33	.5 rds/bde/day	Aug 68
Gren Hd, Frag M26A1	274.0	200.0 rds/bde/day	Cy 69
Gren Hd, Off	25.0	15.0 rds/bde/day	LP
Gren Hd Smk Yel	108.0	50.0 rds/bde/day	Late cy 68
Gren Hd Smk Violet	77.0	45.0 rds/bde/day	Late cy 68

LP - Limited Production D-4 ASR* - Continue ASR Indefinitely.

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CLASS V COMMAND CONTROLLED ITEMS (CONT)

Rkt, 66mm Heat(LAW)	25.0	15.0 rds/bde/day	July 68
Mine, APERS M18A1(Claymore)	50.0	25.0 rds/bde/day	LP
Chem Agent(CS1)	295.0	130.0	
Sig Illum GD WS Clus	26.0	15.0 rds/bde/day	LP
Sig Illum GD WS Para	52.0	25.0 rds/bde/day	LP
Chg Demo Bld C-4	150.0	75.0 Blks/bde/day	LP
Flare, Acft Para MK24	22.0	17.0 rds/bde/day	CINCPAC Allocated
Ctg, 60mm Illum	2.0	2.0 rds/wpn/day	Alloc only to *
Ctg, 81mm HE	10.0	10.0 rds/wpn/day	Early cy 69
Ctg, 60mm HE	5.0	5.0 rds/wpn/day	Alloc only to *
4.2" Illum	2.8	2.8 rds/wpn/day	July 68
Chg, Prop 8" GB	31% D680	31% D680	July 68
Rkt, 2.75" HE w/mtr	.41	.41 rds/wpn/day	CINCPAC Allocated
Fuze, PD M572	95% D572	95% D572	Alloc only to **
Alloc only to * - ROKA, Navy, 5SFG		Alloc only to ** - 175mm Arty Units	

SOURCE: 1st Log Comd Dir/Ammo As of 30 April 68

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SELECTED HIGH TONNAGE ITEM

(s/o for Month of May)

<u>ITEM (COMPLETE ROUNDS)</u>	<u>QTY</u>	<u>S/T</u>
CTG, 81mm, HE	979	6
CTG. 4.2", HE	335	8
CTG, 105mm, HE	2,276	72
C/R 155mm, HE	629	45
C/R 175mm, HE	155	23
C/R 8", HE	133	19
C/R 2.75 Rkt	480	<u>8</u>
TOTAL		181

NOTE: Figures are expressed in
thousands

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 1968

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SELECTED WEAPON DENSITIES
(Projected to 31 May 68)

<u>ITEM</u>	<u>CHANGE FROM PREVIOUS MO</u>	<u>TOTAL</u>
M-16	+15,537	257,682
Minigun	+111	1,339
40mm, GL M-79	+2,104	19,948
2.75" Rkt	+919	19,247
81mm Mortar	- NONE	1,484
4.2" Mortar	+2	373
105mm	NONE	774
8"	NONE	74
155mm	+18	276
175mm	NONE	74

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 68

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ARMY EOD ACTIVITIES

Control element:

533 EOD Control Det
Tan Son Nhut
STR - 8

USASC, SGN:

3 Ord Bn EOD Sec, Long Binh, STR-12
42 EOD Det, Bien Hoa, STR - 10
44 EOD Det, Cu Chi, STR - 10
170 EOD Det, Saigon, STR - 10

USASC, CRB:

191 Ord Bn EOD Sec, Cam Ranh, STR-12

USASC, QNH:

184 Ord Bn EOD Sec, Qui NHON, STR-12
25 EOD Det, An Khe, STR -10
85 EOD Det, Pleiku, STR - 10

USASC, DNG:

133 EOD Det, Chu Lai, STR - 10
99 EOD Det, Da Nang, STR - 10

NOTE: All strength figures listed are
authorized strengths.

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 1968

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AMMUNITION LOSSES

<u>LOC & DATE</u>	<u>\$ VALUE</u>	<u>CAUSE</u>
Long Binh ASD		
28 Oct 66	1,069,765	Enemy
18 Nov 66	64,309	Enemy
10 Dec 66	330,891	Enemy
4 Feb 67	5,475,762	Enemy
31 Jan 68	1,049,324	Enemy
18 Feb 68	2,774,382	Enemy
22Feb68(Barge)	1,919,645	Enemy
Qui Nhon ASD		
24 Apr 66	1,231,421	Enemy
31 Jan 68	904,532	Enemy
1 Feb 68	2,355,091	Enemy
Pleiku ASP		
7 Jan 67	5,912	Enemy
1-2 Feb 68	41,040	Enemy
29 Mar 68	316,788	Enemy
Bong Son ASD		
18 Jun 67	2,291,443	UNK
Duc Pho		
20 Jun 67	6,629,533	Accd
Dong Ha USMC ASP*		
3 Sep 67	2,411,533	Enemy
Dak To FSA		
14 Nov 67	1,463,361	Enemy
Phu Bai FSA		
1-2 Feb 68	121,596	Enemy
TOTAL	\$30,456,328	

*Denotes Loss of Army Ammo

SOURCE: 1st Log Comd, Director of Ammo

As of 30 April 1968

D-9

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

STATUS OF AMMO CONSTR PROJECTS
(As of 30 Apr 68)

LONG BINH DEPOT-Removed existing concrete footers of the renovation building. Placed rebar for new footers. Construction directive issued for upgrading of 29 pads. Work to begin in May.

DONG TAM-Completed hauling of fill to protective berms on pads 8 thru 14; placed burlap on pads 1 thru 8. Expect completion this month.

TUY HOA-Removed berms from two existing pads.

CAM RANH BAY-Hauled 795 Cy sand cement to stabilize 7 pad aprons. Rebuilt three berms and stabilized with 5000 gal MC-70

PLEIKU-Placed 540 posts using 25 yds of concrete and welding 23 corner posts in place. Graded 2600 meters of fenceline and received 360 rolls of chain link fence. Paved 484 meters of single lane and prepared 3 turn-ins for paving.

PHU BAI-construction directive issued for 20 additional pads.

SOURCE: 1st Log Comd Dir/Ammo
As of 30 April 68
D-10

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

SERVICES AVAILABLE

1. Explosive Ordnance Disposal:
 - a. Disposal.
 - b. EOR Training.
2. Assistance in malfunction investigation.
3. Technical assistance:
 - a. Storage and handling.
 - b. Transportation safety.
 - c. Inspection.

ASSISTANCE REQUESTED

1. Returning of all reusable packaging material and pallets.
2. Accurate and complete reporting of malfunctions.
3. Care and preservation of ammo.
4. Maintaining lot identity.
5. Documenting and sorting of turn-in.
6. Notifying of heavy draws in advance.

SOURCE: 1st Log Comd Dir/ammo
As of 30 April 1968

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

AMMUNITION RECAP

AUTHORIZATION - Pipeline

Theater Reserve

In Vietnam	60 Day supply
Off shore	30 Day supply
Order & shipping time	90 Day supply
Requisitioning objective	150 Day supply

TONNAGE:

Stockage objectives 285,000 s/t

In depots and ASP's	240-250,000 s/t
In ports	35-45,000 s/t
On hand Apr 68 percent of stockage objective	213,986 s/t 75%

APR 68 ACTIVITY

Issues	88,011 s/t
Receipts	86,887 s/t

SOURCE: 1st Log Comd Dir/ammo
As of 30 April 68 D-12

~~CONFIDENTIAL~~

CLASS III STOCKAGE OBJECTIVE*

1st Log Comd supplies all bulk and package POL in II, III, & IV CTZ to all US Forces and FWMAF.

CLASS III (BULK):

- a. Stockage Objective:
 - (1) 30 day supply.
 - (2) 1.2 million barrels.
- b. Supply Point - 10 days.
- c. Terminal/depot - 20 days.
- d. Order and ship time from CONUS - 150 days.
- e. Order and ship time in-country - 30 days.
- f. Air Force - 30 day supply.

CLASS III (PKG):

- a. Depot - 60
- b. Order and ship time - 105
- c. Requisitioning objective - 165 days.

* Includes II, III, & IV CTZ.

SOURCE: 1st Log Cmd Dir/POL
As of 30 April 1968

CLASS III ON HAND*

CLASS III (BULK):

- a. 20 day supply.
- b. 800,000 barrels.
- c. Air Force - 15 day supply.

CLASS III (PKG):

- a. 60 day supply.
- b. 287 lines.

* Includes II, III, & IV CTZ.

AVERAGE CONSUMPTION

JP4	- 1,356,300 barrels per month.
AVAGAS	- 190,300 barrels per month.
MOGAS	- 266,100 barrels per month.
DIESEL	- 2,492,400 barrels per month.
TOTAL	2,305,100 barrels per month.

SOURCE: 1st Log Cmd Dir/POL
As of 30 April 68

SENSITIVE ITEMS

LSA (M16 & Mini-gun lube)
7808 (Lube oil turbine engine)
LAD II (Lube oil reciprocating eng)

NOTE: At this time no shortages
exist.

SOURCE: 1st Log Cmd Dir/POL
As of 30 April 1968

E-3

BULK CLASS III STEEL STORAGE*

<u>LOCATION</u>	<u>REQUIRED</u>	<u>AVAILABLE</u>	<u>PRGMD OR UNDER CONST</u>
Long Binh	86	86	0
Tay Ninh	9	9	0
Phu Loi	9	0	9
Vung Tau	250	100	150
Can Tho	29	3	26
Vinh Long	9	9	0
Soc Trang	8.5	2.5	6
Dong Tam	12	9	3
Newport	10	0	10
Than My Anh	50	0	50
<u>TOTAL (USASC, SGN)</u>	<u>472.5</u>	<u>218.5</u>	<u>254</u>

* All figures expressed in thousands of barrels

SOURCE: 1st Log Comd Dir/POL
As of 30 Apr 68

E-4

BULK CLASS III STEEL STORAGE (CONT)

LOCATION	REQUIRED	AVAILABLE	PRGMD OR UNDER CONST
Cam Ranh Bay	576	376	200
Nha Trang	72	72	0
Ban Me Thout	9	0	9
Tuy Hoa	20	10	10
Phan Thiet	7.50	7.5	0
Dalat	3.25	0	3.25
TOTAL USASC, CRB	687.75	465.5	222.25
Qui Nhon	324	324	0
An Khe	65	65	0
Fleiku	59	29	30
Duc Pho	16	16	0
TOTAL USASC, QNH	464	434	30
TOTAL 1st Log	1622.25	1118.0	506.25
SOURCE: 1st Log Comd Dir/Pol		E-5	
As of 30 April 68			

BULK CLASS III STORAGE*

LOCATION	STEEL	RUBBER	FLOATING	TOTAL
TSN CL III	0	1.2	0	1.2
Long Binh	86	2.4	0	88.4
Tay Ninh	9	2.4	0	11.4
Long Giao	0	5.2	0	5.2
Phu Loi	0	4.1	0	4.1
Vung Tau	100	.5	0	100.5
Can Tho	3	0	0	3.0
Vinh Long	9	2.9	0	11.9
Soc Trang	2.5	1.0	0	3.5
Dong Tam	9	1.0	2.9	12.9
Phuoc Vinh	0	3.1	0	3.1
Than My Anh	0	0	0	0
<u>TOTAL USASC, SGN</u>	<u>218.5</u>	<u>23.8</u>	<u>2.9</u>	<u>245.2</u>

* All figures expressed in thousands of barrels.

As of 30 April 68

E-6

BULK CLASS III STORAGE (CONT)*				
LOCATION	STEEL	RUBBER	FLOATING	TOTAL
Cam Ranh Bay	376	0	0	376.0
Nha Trang	72	0	0	72.0
Phan Rang	0	0.7	0	0.7
Tuy Hoa	10	9.5	0	19.5
Phan Thiet	7.5	4.2	0	11.7
Ban Me Thout	0	7.5	0	7.5
Gia Nahia	0	.7	0	0.7
Boa Loc	0	2.1	0	2.1
Dalat	0	2.8	0	2.8
TOTAL USASC, CRB	465.5	27.5	0	493.0
Qui Nhon	324	0	138	422.0
An Khe	65	0	0	65.0
Pleiku	29	26.5	0	35.5
Duc Pho	16	3.1	0	19.1
Cheo Reo	0	1.2	0	1.2
TOTAL USASC, QNH	434	30.8	138	542.8
TOTAL 1st Log	1118.0	82.1	140.9	1280.2
SOURCE: 1st Log Comd Dir/Pol		E-7	As of 30 Apr 68	

COMMERCIAL STORAGE
AVAILABLE FOR MILITARY USE

<u>LOCATION</u>	<u>AMT AVAIL*</u>
Nha Be	650.
Tan Son Nhut	111
Can Tho	34.5
Vinh Long	1.6
<u>TOTAL USASC, SGN</u>	<u>797.1</u>

Nha Trang	72
<u>TOTAL USASC, CRB</u>	<u>72</u>

Qui Nhon	31
<u>TOTAL USASC , QNH</u>	<u>31</u>

TOTAL 1ST LOG 900.1

Commercial storage is used to supplement military storage as required to support military operations.

* Expressed in thousands of barrels.

SOURCE: 1st Log Comd Dir/Pol
As of 30 April 68

DISTRIBUTION ASSETS

MEANS	SGN	CRB	QNH	TOT
STRL, tank				
5,000 gal (1)	280	142	206	628

BARGE

Motor (2)	4	0	0	4
Dumb (3)	9	1	3	13
BC (4)	2	2	1	5

TANKER

Y-Class

5.6 m/bbls	1	0	0	1
6.5 m/bbls	3	0	0	3
11 m/bbls	0	1	0	1

T-Class

30 m/bbls	0	1	1	2
140 m/bbls	0	0	1	1

PIPELINES*

	IN USE				UNDER CONST		
	12"	6"	8"	4"	6"	8"	12"
SGN		27	0	2	0	0	0
CRB	0	44	29	0	3	10	15
QNH	0	76	13	0	59	0	0
TOT	0	147	42	2	62	10	15

NOTES: (1) Semitrailer
(2) Self propelled
(3) Non-self propelled
(4) Converted cargo barge
* Figures expressed in miles

SOURCE: 1st Log Comd Dir/POL
As of 30 Apr 68

ISSUES TO MAJOR SERVICE COMPONENTS*

MON	US ARMY	USAF	US NAVY	TOTAL
JUL	1,104.6	1,102.2	39.7	2,246.5
AUG	1,123.8	1,108.5	48.8	2,281.1
SEP	1,110.1	1,130.7	44.3	2,285.1
OCT	1,086.2	1,140.1	51.9	2,278.2
NOV	1,194.0	1,293.4	44.4	2,531.8
DEC	1,093.7	1,285.1	57.7	2,436.6
JAN	1,161.5	1,196.4	51.9	2,409.8
FEB	940.5	1,229.7	51.1	2,221.3
MAR	1,013.3	1,217.1	62.3	2,282.7
APR				
MAY				
JUN				

* Thousands of barrels

SOURCE: 1st Log Comd Dir/POL

As of 30 Apr 68

E-10

WEAPON & EQUIPMENT DENSITY SUPPORTED

<u>TYPE EQUIP</u>	<u>SGN</u>	<u>DNG</u>	<u>CRB</u>	<u>QNH</u>	<u>TOTAL</u>
HOWITZER					
105 mm		72	18	107	197
M101(T)	240	72	18	107	437
M102(T)	36	51	0	56	143
M108(SP)	0	18	0	18	36
155mm					
M109(SP)	90	0	0	18	108
M114/123(T)	24	60	0	54	138
GUN					
M107(SP)8"	19	27	6	24	76
M110(SP)175mm	29	12	6	24	71
VEHICLES					
Trk, 2 $\frac{1}{2}$ T	6862	2389	2009	3959	15219
Trk, 5T(ALL)	3234	1126	947	1865	7172
MHE	955	332	280	551	2118
CEN	6999	2436	2049	4034	15518
TANK					
M48series	145	63	0	111	319
APC	1034	597	29	360	*2020

*Includes all APC's supported

SOURCE: 1st Log Comd Dir/Maint
As of 30 Apr. 68

% DEADLINE TRENDS (ARTY & CV)

ITEM	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
M101(T)	0.3	0.5	0.6	0.3	0.1	0.5	0.5	0.6	0.6	0.3		
M102(T)	1.0	1.0	1.6	0.9	0.3	0.9	0.8	0.2	.04	0.04		
M108(SP)	0.5	1.0	0.8	1.6	1.7	2	1	0.2	0.5	1.2		
M109(SP)	6.0	6.0	9.4	5.8	3.0	5	7	7.5	4.7	4.6		
M114/123(T)	2.0	1.0	0.8	1.3	3.0	3	0.8	1.2	1.0	0.5		
M107(SP)	9.0	8.0	9.1	6.1	5.0	4	6	4.6	4.2	3.2		
M110(SP)	5.0	5.0	8.1	4.0	8.0	9	6	6.7	7.1	5.6		
M48A3	16	17	14	11	11	14	12	12	10	7.5		
APC	4	4	5	6	6	6	7	11	11	9		

SOURCE: 1st Log Comd Dir/Maint
As of 30 April 68

F-2

% DEADLINE TRENDS (TRUCKS)

ITEM	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
Trk, 5 T												
USARV	8	8	10	10	9	9	9	9	9	10		
1ST LOG	7	8	10	9	10	10	11	10	9	9		
USASC, SGN	9	10	12	12	13	16	14	10	10	7		
USASC, CRB	6	7	13	14	10	8	12	12	11	12		
USASC, QNH	7	7	6	5	7	6	8	8	8	6		
USASC, DNG									5	14		
Trk, 2½T												
USARV	6	7	7	8	7	7	7	7	7	8		
1ST LOG	6	7	7	7	6	7	6	6	6	7		
USASC, SGN	6	8	8	8	7	8	8	7	8	7		
USASC, CRB	6	7	9	10	8	8	8	6	6	6		
USASC, QNH	6	7	6	5	5	5	4	4	4	3		
USASC, DNG									6	12		

SOURCE: 1st Log Comd Dir/Maint
As of 30 Apr. 68

F-3

% DEADLINE TRENDS (MHE & GENERATORS)

ITEM	COMD	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN
MHE	USARV	11	12	13	16	12	11	13	12	9	9		
	1ST LOG	9	10	13	16	11	9	12	10	7	8		
	USASC, SGN	14	13	13	19	14	11	17	15	9	9		
	USASC, CRB	5	7	16	19	11	8	10	8	10	8		
	USASC, QNH	4	5	5	5	3	2	3	2	1	1		
	USASC, DNG									5	15		
GEN	USARV	12	11	10	10	10	10	10	10	11	11		
	1ST LOG	8	7	7	6	6	7	8	10	8	9		
	USASC, SGN	7	6	7	6	7	7	8	9	9	8		
	USASC, CRB	7	5	7	6	5	7	7	10	8	13		
	USASC, QNH	9	8	8	5	5	7	10	14	9	7		
	USASC, DNG									2	9		

SOURCE: 1st Log Comd Dir/Maint
As of 30 Apr 68

F-4

MILEAGE OF TANKS & APC's*

M48series Tank:**

<u>MILEAGE</u>	<u>NUMBER</u>
0 - 2000	74
2000 - 3000	52
3000 - 4000	39
4000 - 5000	41
Over 5000	60
<u>TOTAL</u>	<u>266</u>

APC - M113:***

0 - 2000	55
2000 - 3000	46
3000- 4000	36
4000 - 5000	23
Over 5000	51
<u>TOTAL</u>	<u>211</u>

APC - M113A1:*****

0 - 2000	644
2000 - 3000	239
3000 - 4000	155
4000 - 5000	73
Over 5000	70
<u>TOTAL</u>	<u>1181*****</u>

*As of 31 Mar 68

**Average monthly mileage - 470

***Average monthly mileage - 500

****Average monthly mileage - 500

*****Maneuver Vehicles only

SOURCE: 1st Log Comd Dir/Maint

As of 31 Mar 68

NCR 500 INSTALLATIONS

I Installed (.24):

1. 59th Sig Depot, 79 Maint Bn
2. HQ, & Main Spt Co, 185 Main Bn
3. HQ, & Main Support Co, 2 Main Bn
4. HQ, & Main Support Co, 63
Maint Bn
5. 557 Lt Main Co, 69 Main Bn
6. US Army Marine Main Activity
7. 178 Main Co, 34 S&S Bn
8. 618 HEM Co, 86 Main Bn
9. 628 Main Spt Co, 62 Main Bn
10. Main Spt Co, 5 Main Bn
11. 85 Lt Main Co
12. 136 Lt Main Co
13. 551 Lt Main Co, 610 Main Bn
14. HQ & Main Spt Co, 610 Main Bn

SOURCE: 1st Log Comd Dir/Gen Sup
As of 30 Apr 68

15. 560 Main Co, 5 Main Bn
 16. 590 " " 185 " "
 17. 588 Main Co (DIV) (DS)
 18. 51st Lt Main Co, 2d Main Bn
 19. 548 " " " 610 Main Bn
 20. 94th Main Co (DIV) (DS) 610
Main Bn
 21. 3d Main Co (DIV) (DS) 610 Main Bn
 22. 129 Main Support Co
 23. 67th Main Co (DIV) (DS)
 24. 560th Gen Supply Co.
- II MAINT FLOAT (2)
1. 185th Main Bn
 2. DSU/GSU Asst Team #4

SOURCE: 1st Log Comd Dir/Gen Sup
As of 30 Apr 68

F-7

MARINE OVERHAUL PROGRAM

(As of 30 Apr 68)

FY 68

FY 69

PRGMD

ITEM	DENSITY	REQ	COMPLETED		IN PROC	REQ	FY 69 PRGMD	
			IN/C	OUT/C			IN/C	OUT/C
Y-Tanker	5	0	0	1	3	5	0	5
Crane	7	4	0	3	1	5	0	5
Tug Boat	34	25	2	3	12	20	2	18
Patrol Boat	26	24	0	5	3	20	4	16
Reefer Barge	7	5	0	2	2	3	0	3
LCM 8	118	75	0	31	26	74	44	30
LCM 6	20	17	0	9	2	12	0	12
BARGE, CARGO	119	23	1	4	16	39	27	12
BARGE, POL	14	10	4	2	1	10	0	10
LCU	44	30	6	3	7	30	12	18
BDL PAGE	1	1	0	0	1	1	0	1
Floating Machine Shop	3	1	0	0	0	2	0	2

SOURCE: 1st Log Comd Dir/Maint

F-8

MAINTENANCE UNITS

	LT EQP MNT CO GS	HVY EQP MNT CO (GS)	DIV DS MNT CO	MAIN SPT CO (DS)	LT MNT CO (DS)	SIG DEPOT CO (GS/DS)	ENG MNT CO (DS)	COL, CLAS & SAL CO	HQ MNT BN, (DS)	HQ MNT BN (GS)
TOE	29-134F	29-137F	29-138F	29-206F	29-207F	11-158E	5-237D	29-139F	29-206F	29-136F
STRENGTH	272*	292	175	221	154	182**	195	226***	30****	52
Eng Const		X	X	X	X		X			
Eng Pwr Gen	X		X	X	X		X			
Eng Reefer	X		X	X			X			
Ord Auto			X	X			X			
Small Arms		X	X	X	X		X			
Fire Control		X	X							
Towed Arty		X	X	X	X					
Turret Arty		X	X	X	X					
QM Light	X		X	X	X					
QM Heavy (MHE)		X	X	X	X					
Field Radio	X	X	X	X	X	X				
Teletype	X		X	X	X	X				
Man Cent OFC	X		X	X		X				
Radar	X					X				
Chemical	X	X	X	X	X					
Command & Control										
Radio Relay	X		X	X		X				

* Avionics sections (14 men each) are attached to the 34th GS GP.

** Avionics maintenance teams (2 teams of 6 men each) are attached to the 34th GS GP.

*** Full strength is 226. One (1) unit is at full strength and two (2) units are type "B" with 91 personnel each. Each unit operates a CC&S point for receipt, inspection, segregation, disassembly, preservation, and disposition of serviceable and unserviceable CL II & IV material.

**** Normally combined with the MAIN SPT CO to form the HQ & MAIN SPT CO, MAINT BN (DS).

SOURCE: 1st Log Comd Dir/Maint
As of 30 Apr. 1968

CAM RANH BAY

Operated by: Mixed military and
contractor

Facilities:

4 DeLong piers
1 permanent pier
4 LST ramps
Sheet pile wharf
Marginal barge wharf

Capability: 5,120 S/T per day. 4
tml svc Co's (of which 1 is per-
forming as a tml tsfr co and 2
are understrength) and 3 contrac-
tors (Vinnell Corp, Lam Bros, and
AB&T). This capability figure
does not include Sealand - Sealand
averages approximately 36,000 S/T
per month (1,200 S/T per day).

Port Clearance: 1 plt of the 515th
Lt Trk Co (5T); $\frac{1}{2}$ plt of the 545th
Lt Trk Co (5T); 529th Lt Trk Co
(2 $\frac{1}{2}$ T); 564th Lt Trk Plt (5T);
Vinnell Corp

Past Performance: Dec: 196,177 S/T
Jan: 200,026 S/T; Feb: 165,676
S/T (of the above figures, approx
36,000 S/T per month is SeaLand)
Mar: 197,089 S/T (44,000 S/T Sea-
Land); Apr: 181,418 S/T (42,000
S/T SeaLand).

SOURCE: 1st Log/Comd, Dir/Trans
As of 30 Apr 68

G-1

CAT LAI

Operated by: 2 contractors (1
contr provides stevedoring svcs
and the other provides ferry boat
svcs for the stevedores)

Facilities:

3 buoys (Cat Lai)
1 barge site (Buu Long)
2 barge sites (w/4 cranes) (Cogido)
1 barge site (Bien Trieu)
4 barge sites (Than Tuy Ha)

Capability: 1500 S/T per day

Port Clearance: 352d and 261 Lt Trk
Co's (5T) clear Cogido. 87th Lt
Trk Co (2½T) clears Buu Long.
ARVN clears Than Tuy Ha and Bien
Trieu.

Past Performances: Dec: 45,454 S/T;
Jan: 49,121 S/T; Feb: 41,683 S/T;
Mar: 44,014 S/T; Apr: 49,750 S/T.

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

CHU LAI

Operated by: Mixed Navy and
Contractor

Facilities:

4 LST Ramps
3 LCU Ramps
Marginal wharf

Capability: 1.950 S/T per day

Port Clearance: Military

Past Performance: Dec: 51,454 S/T;
Jan: 54,627 S/T; Feb: 40,086 S/T;
Mar: 36,240 S/T; Apr: 47,465 S/T.

CUA VIET/DONG HA

Operated by: Navy

Facilities:

2 LST Ramps (Cua Viet)
10 LCU Ramps (Dong Ha)
1 Barge Site (Dong Ha)

Capability: 2,000 S/T per day

Port Clearance: Military (Unit Pick-
up)

Past Performance: Dec: 33,910 S/T;
Jan: 34,627 S/T; Feb: 39,542 S/T;
Mar: 46,602 S/T; Apr: 49,529 S/T.

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

G-3

DA NANG

Operated by: Mixed Navy and
Contractor (Korean Express)

Facilities:

2 Permanent Piers
1 DeLong Pier
5 LST Ramps
4 LST Ramps w/finger Pier
2 Barge Sites
8 LCU Ramps
Lighterage Site
Quay Wall

Capability: 8,360 S/T per day

Port Clearance: Contracted to
Korean Express

Past Performance: Dec: 211,643 S/T;
Jan: 306,744 S/T; Feb: 258,823 S/T;
Mar: 308,233 S/T; Apr: 366,608 S/T.

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 1968

DONG TAM

Operated by: Military

Facilities:

- 1 Permanent LCU ramp
- 1 Temporary barge point
- 1 Permanent LST ramp
- 1 Barge pier

Capability: 200 S/T per day with the
1st Composite Platoon of the 567th
Tml Service Co.

Port Clearance: Performed by the
2nd Bde of the 9th Inf Div.

Past Performance: Dec: 4,342 S/T;
Jan: 4,758 S/T; Feb: 5,428 S/T;
Mar: 6, 930 S/T; Apr: 9,067 S/T.

Source: 1st Log Comd, Dir/Trans
As of 30 April 68

G-5

HUE/TAN MY

Operated by: Navy

Facilities:

- 5 Temporary LCU Ramps (Hue)
- 1 Temporary LST Causeway (Tan My)

Capability: 1,060 S/T per day

Port Clearance: Military (Unit
Pickups)

Past Performance: Dec: 15,816 S/T
Jan: 23,891 S/T; Feb: 5,633 S/T
Mar: 26,077 S/T Apr 48,698 S/T

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

G-6

NEWPORT

Operated by: Mixed military and contractor

Facilities: 4 deep draft berths
2 LST/slips
LCU/LCM ramp
6 barge points
898,000 Sq ft opn storage
space (36,500 S/T) 192,000
sp ft covered storage
space (10,700 S/T)

Capability: 3600 S/T per day with 2
operational tml svc cos
and 1 contractor (military
operates 2 deep draft
berths and shallow draft
facilities). There are
actually 4 tml svc cos
assigned-the other two
supervise and document for
the contractor, man Dong
Tam port, and have person-
nel working in the 506th
Depot (Fishmarket and
208 Area)

Port Clearance: Contracted by Philco
Ford and Equipment Inc.

Past Performance: Dec: 95,246 S/T;
Jan: 118,576 S/T; Feb: 96,634 S/T;
Mar: 141,740 S/T; Apr: 139,916 S/T;

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68

G-7

NHA TRANG

Operated by: Contractor (AB&T-
Navy Contract)

Facilities: 1 Temporary LST ramp
2 Permanent LST ramps
2 Barge points

Capability: 900 S/T per day
(Although the Navy has established
the capability of AB&T to be 1160
S/T per day at this port, the US
is limited by the available
facilities to 900 S/T daily; there-
fore, the port capability is
reported as 900 S/T per day)
(Documentation is provided by a
detachment of the 123d Tml Svc
Co from CRB)

Port Clearance: AB&T is contracted
to clear the port

Past Performance: Dec: 25,284 S/T
Jan: 24,604 S/T; Feb: 25,287 S/T
Mar: 30,549 S/T Apr: 23,267 S/T

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

G-8

PHAN RANG

Operated by: Contractor (AB&T-
Navy contract)

Facilities:

2 Temporarily LST ramps
Sunken barge facility

Capability: 200 S/T per day.
(Contr rating - est. by Navy),
(Documentation services are provided by a detachment of the
123d Tml Svc Co from GRB)

Port Clearance: Military assets
from GRB perform port clearance
at Phan Rang.

Past Performance: Dec: 7,111 S/T;
Jan: 11,739 S/T; Feb: 8,468 S/T;
Mar: 6,924 S/T; Apr: 11,229 S/T;

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

QUI NHON

Operated by: Mixed military and
contractor

Facilities:

1 DeLong Pier
1 barge quay
4 LST ramps
Can dock
LCU/LCM beach

Capability: 5040 S/T per day with
3 tml svc co's and one contractor
(Han Jin)

Port Clearance: Contracted to Han
Jin Trans Co Ltd - the 8th Trans
Gp also performs port clearance
as required.

Past Performance: Dec; 178,136 S/T
Jan: 168,029 S/T; Feb: 140,370 S/T;
Mar: 176,142 S/T; Apr; 161,581 S/T

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68
G-10

SAIGON

Operated by: 5 contractors w/6 contracts
(1 contractor has 2 separate contracts)
controlled by 4th TC

Facilities:

4 deep draft berths + an average of
2 deep draft berths per day on an
opportune basis

1 other berth (K-10) used for
RO/RO as required

244,00 sq ft open storage area
(13,600 S/T)

200,000 sq ft covered storage
area (11,200 S/T)

Capability: 3,100 S/T per day with
the 4 berths, however, use of oppor-
tune berths allows this capability
to be exceeded regularly. In addition
there exists an equivalent of 3,000
S/T per day capability for USAID cargo.

Port Clearance: Contracted by Philco-
Ford and Equipment Inc.

Past performance: Dec: 151,934 S/T
Jan: 138,618 S/T; Feb: 85,333 S/T
Mar: 138,468 S/T; Apr: 141,130 S/T

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

G-11

THON MY THUY

Operated by: Military

Facilities: LOTS operation

Capabilities: 1440 S/T per day
based on 2 terminal service Co's.

Port Clearance: 363d Lt Trk Co,
GOER Co(Prov), 10 Kenworth Trks,
from CRB'S Vinnell Contract.

Past Performance: Mar: 19,698 S/T
Apr: 33,536 S/T.

VUNG RO

Operated by: Military

Facilities:

1 deLong pier
2 LST ramps

Capability: 720 S/T per day with
1 tml svc co

Port Clearance:
24th Lt trk Co (2nd)
670th Med Trk Plt (-)

Past Performance: Dec: 20,944 S/T
Jan: 18,491 S/T; Feb: 19,970 S/T
Mar: 16,141 S/T Apr: 12,734 S/T

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68
G-12

VUNG TAU

Operated by: Contractor (AB&T
Navy contract)

Facilities:

1 deLong pier
1 temporary LST ramp
7 barge points

Capability: 1665 S/T per day
(contr rating - established
by Navy)

Port Clearance: AB&T is con-
tracted to clear port as well
as discharge ships. I platoon
of the 805th Lt Trk Co (2 $\frac{1}{2}$ T)
also performs port clearance
as required.

Past Performance: Dec: 68,188
S/T; Jan: 72,405 S/T; Feb:
64,122 S/T; Mar: 88,247 S/T;
Apr: 96,132 S/T.

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

SHALLOW DRAFT PORT CAPABILITY

<u>PORT</u>	<u>CAPACITY</u>		
-------------	-----------------	--	--

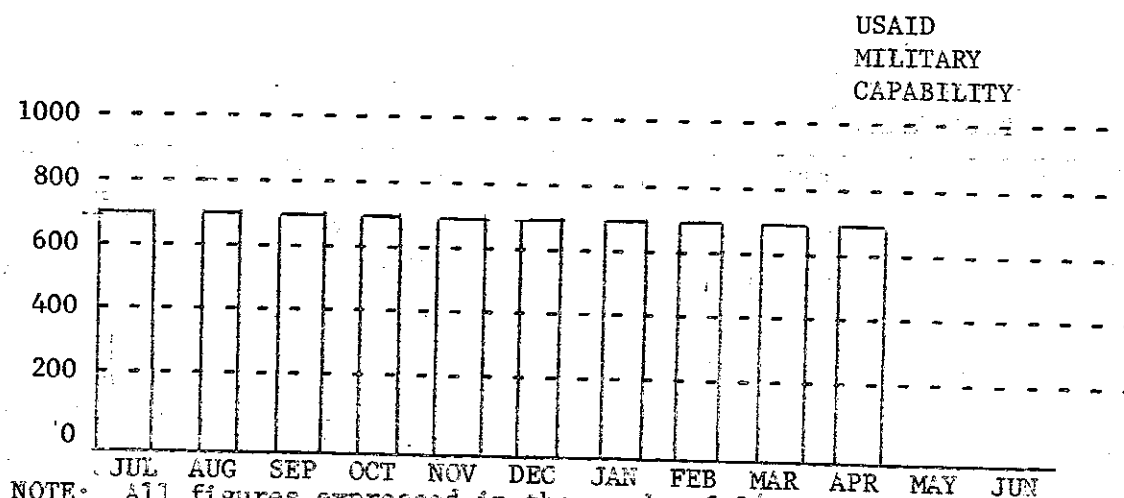
DONG TAM	1 LST +	2 LCU's +	4 BARGES
CAN THO	2 LST's		3 BARGES
SA HUEYHN		3 LCU's +	2 BARGES
CUA VIET	2 LST's +		
CHU LAI	4 LST's +	3 LCU's	

LOCATION OF DE LONG PIERS

VUNG TAU	1
CAM RANH	4
VUNG RO	1
QUI NHON	1
DA NANG	1

SOURCE: 1st Log Cmd Hq; D/Trans
 As of 30 Apr 1968 G-14

PORT PERFORMANCE



NOTE: All figures expressed in thousands of S/T. As of 30 Apr 68
SOURCE: 1st Log Comd Dir/Trans G-15

PORT PERFORMANCE*						
PORT	APRIL		MAY		JUNE	
	CAP	HANDLED	CAP	HANDLED	CAP	HANDLED
Saigon	183,000	141,130				
Newport	108,000	139,916				
Cat Lai	45,000	49,750				
Vung Tau	50,000	96,132				
Dong Tam	6,000	9,067				
Cam Ranh Bay	153,600	181,418				
Phan Rang	6,000	11,229				
Nha Trang	27,000	23,267				
Vung Ro	21,600	12,734				
Qui Nhon	151,200	161,581				
Thon My Thuy	43,200	33,536				
TOTAL	794,600	859,760				
USAID**		11,958				
PERCENTAGE USAID***		1.3				

SOURCE: 1st Log Comd, Dir/Trans
As of 30 April 68

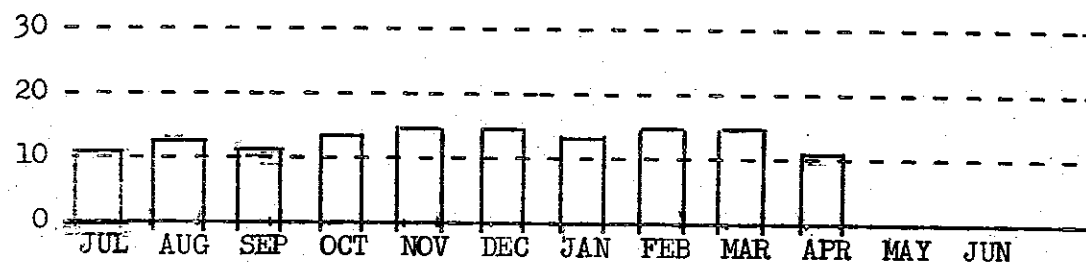
G-16

* Figures expressed S/T.

** Figure included in above total.

*** Percent USAID cargo handled in relation to total cargo handled.

SHIP TURNAROUND



NO OF DAYS

TOTAL	11.5	11.8	11.2	11.4	14.1	14.0	14.1	15.4	16.5	11.0	
HOLDING	1.0	1.0	0.1	0.6	1.4	0.9	0.9	0.4	2.2	.7	
WAITING	2.3	2.4	1.8	2.2	2.8	3.2	2.8	3.4	4.5	2.5	
WORKING	8.2	8.4	9.3	8.6	9.9	9.9	10.4	11.6	9.8	7.8	
NO OF SHIPS	151	157	133	142	140	130	136	111	155	143	
DEMURRAGE*	1.5	1.6	1.1	1.4	3.5	2.6	2.8	3.0	5.4	.7	*in millions

SOURCE: 1st Log Comd Dir/Trans

As of 30 April 68

G-17

TERMINAL SERVICE COMPANIES

<u>LOCATION</u>	<u>MILITARY</u>	<u>CONTRACT MIL EQUIVALENT</u>
SAIGON	7*	12
DA NANG	3	
CAM RANH BAY	6**	3.5
QUI NHON	4***	4
TOTAL	20	19.5

* Incl one unit being utilized as cargo checkers at Cat Lai

** Incl one unit at Vung Ro.

*** Incl one unit TDY to Chu Lai/Duc Pho.

SOURCE: 1st Log Comd Dir/Trans

As of 30 April 68

G-18

BARGE SITES
(Saigon-Bien Hoa area)

<u>LOCATION (USERS)</u>	<u>ORGANIZATION SUPPORTED</u>	<u>COMMODITY/CAPABILITY</u>
Bein Trieu (US & ARVN)	TSN AB (USAF, VNAF, & 531 Field Depot - ARVN)	CL V/400 s/t per day
Buu Long (US & VNAF)	Bein Hoa AB (USAF, VNAF)	CL V/500 s/t per day
Cau Binh Loi (US & ARVN)	TSN AB	CL III
Cogido (US & ARVN)	Bien Hoa AB (3 Ord Bn & 532 Field Depot - ARVN)	CL V/1, 200 s/t per day
Long Binh (US)	Long Binh Depot	CL III
Nha Be (ARVN)	Up-country ports	CL V
Than Tuy Ha (ARVN)	50 Base Depot - ARVN	CL V/300 s/t per day
Thu Duc (US & ARVN)	USAID, ARVN Training center, & SGN Port Authority	Mixed classes

SOURCE: 1st Log Comd Dir/Trans

As of 30 April 68

G-19

RAILWAY SYSTEM
(Rolling Stock)

TYPE STOCK	VNRS OWNED			US ARMY STOCK*	TOTAL AVAIL	LOC OF ARMY STOCK			
	10T	20T	25T			SGN	CRB	QNH	DNG
Box Car	49	24	141	0	214	0	0	0	0
Gondolas	24	3	60	61	148	26	10	15	10
Flat Car	1	47	24	109	181	70	10	30	10
Reefer Car	0	0	0	28	28	13	12	3	0
Tank Car	2	9	28	0	39	0	0	0	0

* All US Army rolling stock has a 30T capacity, however, the reefers may only be loaded with 22T due to the weight of the car itself.

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68

G-20

RAILWAY SYSTEM
(Military Tonnages)

<u>SUPCOM</u>	<u>JUL</u>	<u>AUG</u>	<u>SEP</u>	<u>OCT</u>	<u>NOV</u>	<u>DEC</u>	<u>JAN</u>	<u>FEB</u>	<u>MAR</u>	<u>APR</u>
Saigon	2,094	5,821	3,831	4,639	3,881	7,226	7,336	44	3,924	2,631
Cam Ranh	460	781	462	516	551	431	370	0	0	810
Qui Nhon	6,200	13,853	11,230	14,922	11,817	12,746	10,433	0	3,592	16,613
TOTAL	8,754	20,455	15,523	20,077	16,249	20,404	18,139	44	7,516	20,054

ALL figures expressed in short tons.

SOURCE: 1st Log Comd, Dir/Trans
As of 30 Apr 68

SEA-LAND CONTAINERSHIP
SERVICE

1. Concept of Operation:

This service uses 3 non-self sustaining C-4 container ships for direct service to Cam Ranh Bay every 15 days. Each ship will carry 652 thirty-five foot containers which are discharged by gantry cranes positioned on the DeLong Pier. These containers are attached to a chassis to form trailer units. The Cargo for Cam Ranh Bay will be Off-loaded and cargo for Saigon and Qui Nhon will be transshipped on a C-2 self sustaining container ship.

2. Container Control Organization:

Hq, 1st Log Comd and each SUPCOM have a container control element under the direction of the respective Dir/Trans. These control elements will exercise movement control of the containers for consignees in their area while the containers are in the custody of the Army and will insure return to Sea-Land. 1st Log Comd control element retains overall control.

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68

SEA-LAND EQUIPMENT

<u>EQUIPMENT</u>	<u>NUMBER</u>	<u>L</u>	<u>W</u>	<u>H</u>	<u>SPEED</u>	<u>DRAFT</u>	<u>WEIGHT</u>	<u>CAPACITY</u>
C-4J Ship	3	685'	-	-	15 KT	30'	17,184T	652 Containers
C-2 Ship	1	468'	-	-	14 KT	25'	9,016T	226 Containers
Dry								
Container	1,150	35'	8'	8½'	-	-	-	22.5s/t, 52m/t
Reefer								
Container	200	35'	8'	8½'	-	-	-	21.s/t, 38 m/t
Gantry Crane	2	-	-	-	-	-	450T	30T Lift
Chassis	1,346	35½'	-	-	-	-	5,800lb	-
Tractor	44	(IH Commercial Design)						

SOURCE: 1st Log Comd Dir/Trans
As of 30 Apr 68

G-23

TRANSPORTATION
(Roll-on/Roll-off Ships)
(Capacity)

<u>PORT OF CALL</u>	<u>TRL</u>	<u>CONEX</u>	<u>2½T EQUIV</u>
USNS TRANSGLOBE (SGN)	130	35	43
USNS COMET (CRB)	110	135	96
USNS TAURUS (QNH)	102	5	97

Roll-on/roll-off ship service to RVN from Okinawa using the above listed ships. Supplies in trailers are loaded at one of the above ports of call. Return trip is used for the retrograde of cargo to Okinawa. Ships in the system make 2 trips per month with one-way time of 4 days and an average time in port in RVN of 24 to 36 hours.

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68

G-24

TOE CAPABILITIES OF TC UNITS

<u>TYPE UNIT</u>	<u>EQUIPMENT</u>	<u>TYPE MOVE</u>	<u>PER DAY</u>
LT TRK CO	60 2½T Trucks	Local Haul	720 s/t
		Line Haul	360 s/t
LT TRK CO	60 5T Trucks	Local Haul	1080 s/t
		Line Haul	540 s/t
MDM TRK CO	60 5T Tractors w/	Local Haul	2160 s/t
	120 12T S&P Trls	Line Haul	1080 s/t
FML SVC CO	2 - 10 hour shifts	-	720 s/t
MDM BT CO	19 LCM 8	Ship-to-shore	720 s/t
HVY BT CO	12 LCU	Ship-to-shore	1440 s/t
BARC DET O&M	4 BARC	Ship-to-shore	450 s/t

SOURCE: 1st Log Comd Dir/Trans
As of 30 April 68

G-25

ARMOR PLATING OF VEHICLES

<u>SUPCOM</u>	<u>NR ARMORED PLATED</u>	<u>EQUIPPED W/M60 MG</u>
SGN	41	36 (1 each)
CRB	4	
CRF *	51	41 (2 each)

* Also has seven (7) Quad Cal 50 machine guns mounted on 2½ ton vehicles.

SOURCE: 1st Log Comd Dir/Trans
and Dir/Maint

As of 30 Apr 68

G-26

S&P
SUPPORT COMMAND'S TRUCK COMPANIES

Type Truck	SSC	CRB	QNH	DNG	T O T A L S	
					Units*	Trucks
2½ Ton Trk	360	120	320	100	15	900
5 Ton Trk	120	160	180	160	10 1/3	620
55 Ton	526	220	300	220	20	1266
5,000 Tanker	180	99	60	60	6 1/3	399
12 Ton S & P	580	320	480	200	13 1/3	1580
Reefer	85	-0-	-0-	-0-	1	85
T O T A L S	1851	919	1340	740		4850

SOURCE: Dir of Transportation
 As of 30 Apr 68

G-27

SUPPORT COMMAND'S TRUCK COMPANIES

No Companies
No Vehicles

	DNG	SSC	CRB	QNH	TOTALS
Light	4.3 260	8 480	4.7 280	8.3 500	25.3 1520
Medium	3.7 220	7.7 526	3.7 220	5 300	20 1266
					45.3 2786

- NOTES: 1. There are no heavy truck companies in RVN.
 2. Light Truck Co's are composed of either 2½ ton or 5 ton vehicles.
 3. Medium Truck Co's are either 5 ton tractors and S&P's or 5 ton Tractors and tankers or 5 ton tractors with S&P's and reefers.

G-28

PDO PERSONNEL SITUATION

	HQ 1ST LOG		USASC SGN		USASC CRB		USASC QNH		USASC DNG		TOTAL	
	REQ	ASGD	REQ	ASGD	REQ	ASGD	REQ	ASGD	REQ	ASGD	REQ	ASGD
OFF	2	2	1	3	1	3	1	2	1	1	6	11
EM	2	3	25	49	12	9	13	8	23	11	75	79
DAC	9	5	4	3	3	2	2	0	2	2	20	12
LN	11	18	84	86	39	26	38	48	62	44	250	141
TOTAL	24	28	114	141	55	40	54	58	88	58	335	325

SOURCE: 1st Log Comd Dir, Retrograde & Disposal
As of 30 Apr 68

H-1

PDO EQUIPMENT SITUATION

	USASC REQ	SGN O/H	USASC REQ	CRB O/H	USASC REQ	QNH O/H	USASC REQ	DNG O/H	TOTAL REQ	O/H
Crane, RT 20T	2	3	2	2	2	2	1	1	7	8
Loader, scoop, 2½ Cu yd	3	1	0	1	1	1	2	2	5	4
Loader, scoop, 3 cu yd	0	0	1	0	0	0	0	0	1	0
Tractor, CRW/R, D7E	3	1	2	1	1	1	2	1	6	4
Tractor, Whse, 4000 lb	3	0	0	0	0	0	0	0	3	0
Trailer, 10T flatbed	0	0	0	0	1	0	0	0	1	0
Trailer, 6-14 T lowbed	0	0	0	0	1	0	0	0	1	0
Forklift, RT, 6000 lb	9	3	1	1	0	0	2	2	10	4
Forklift, RT, 4000 lb	9	0	0	0	0	0	0	0	9	0
Truck, Cargo 2½ Ton	0	0	1	0	1	1	1	0	3	4
Forklift, 6000 lb	9	2	0	0	0	0	0	0	9	2
Forklift, 10000 Lb	9	3	1	1	1	1	1	0	12	5
Forklift, 15000 Lb	0	1	2	0	0	0	0	0	2	1

SOURCE: 1st Log Comd, Retrograde and Disposal
As of 30 Apr 68

H-2

PDO EQUIPMENT SITUATION (CON'T)

	USASC	SGN	USASC	CRB	USASC	QNH	USASC	DNG	TOTAL	
	REQ	O/H	REQ	O/H	REQ	O/H	REQ	O/H	REQ	O/H
Truck, Tractor, 5T	0	0	0	0	1	0	1	0	2	0
Truck, dump 5T	9	0	5	0	0	0	0	0	14	0
Truck, wrecker, 5T	3	0	2	0	1	0	1	0	7	0
Shears, Alligator	3	0	3	0	1	0	1	0	8	0
Magnet & orange	3	0	3	0	1	0	1	0	8	0
Scales, Truck weighing	3	1	3	0	1	0	1	0	8	1
Welding & Cutter Set	3	1	3	0	1	1	1	0	8	2

SOURCE: 1st Log Comd Dir, Retrograde & Disposal
As of 30 Apr 68

H-3

PDO INVENTORY

	USASC, SGN	USASC, CRB	USASC, QNH	USASC, DNG	TOTAL
INVENTORY					
Usable	8,758	2,244	2,678	3,090	16,779
Scrap	18,073	8,641	13,407	7,348	47,470
STATUS OF INVENTORY SOLD					
Usable	3,725	337	152	760	4,974
Scrap	15,131	7,411	13,407	7,348	43,297
ON IFB OR REPORTED FOR SALE					
Usable	648	1,856	2,186	1,187	5,877
Scrap	2,885	1,210	-0-	-0-	4,095
SCREENING & PREPARING FOR SALE					
Usable	4,385	51	340	1,143	5,919
Scrap	57	20	-0-	-0-	77

NOTE: All figures expressed in short tons
 SOURCE: 1st Log Comd/Dir of Retrograde & Disposal
 As of 30 Apr 68

H-4

TIME	RETROGRADE TONS								
	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR
STATION RETURNS	2243	1251	2123	1027	2450	2551	457	1053	1358
DEPOT EXCESS	1025	999	1159	1327	2508	15821	8300	8160	13840
REPAIRABLES	12459	15315	13043	14605	18062	18008	16166	16318	13254
AMMO (SUSPENDED AND EXCESS)	193	561	392	12	1085	3493	866	4940	1468
REUSABLE AMMO									
COMP	5749	3283	1019	472	1010	1708	3053	3137	791
MARINE (OUT OF COUNT MNT)*	-	-	309	585	2226	73	697	980	149
SCRAP**	578	241	-	-	-	-	-	-	-
TOTAL	22247	21650	18045	18028	27341	41654	29539	34588	30860

*Indicated as a separate category beginning Oct 67

**Discontinued per LTR, 1st Log Comd, AVCA GS-PD, dtd 19 Sep 67

SOURCE: 1st Log Comd Dir/Retrograde & Disposal

As of 30 April 68

H-5

SALES
(Cumulative FY68)
PROCEEDS FROM SALES

Other than scrap	\$807,555
Scrap	279,117
TOTAL	<u>\$1,086,672</u>

QUANTITIES SOLD

Acquisition Cost	\$16,983,199
Short Ton Sold	50,102S/T
Term Contract Sold	60,000S/T

Percent of Return	4.7%
Reutilization	
Other than Scrap	\$2,056,435
Scrap	6,861

ESTIMATED SOURCES
OF RECEIPTS

US Army	39%
USAF	13%
USMC	12%
US Navy	5%
FWMAF	
ARVN	23%
ROKA	6%
OTHER	1%
US Federal Agencies	1%
TOTAL	100%

SOURCE: 1st Log Comd, Dir/R&D
As of 30 April 68

H-6

FIELD BAKERIES

TOE 29-216F, HHC S&S Bn (DS):

Bakery Platoon:

Authorization - 38 personnel

Capability - bake 15,000 lbs of bread/day; support 44,000 personnel/day

There are presently twelve (12) bakery platoons in RVN with a capability of the following:

a. Bake 180,000 lbs of bread/day.

b. Support 528,000 personnel/day.

The issue rate of bread is 36 lbs per 100 men/day.

FIELD BAKERIES

SUPCOM	BAKERYS		PLATOON		% CAP
	O/H	OPER	O/H	OPER	
SGN	4	3	5	4	103
CRB	4	4	4	3	36
QN	2	2	2	2	86
DNG	2	2	2	2	67
	12	11	13	11	

The Field Bakery previously at An Khe was moved to Wunder Beach. The Field Bakery Chu Lai is being used to support Free World Military Forces in the Southern I CTZ.

SOURCE: 1st Log Comd, Dir/Food
As of 30 April 68

FIELD BAKERY UTILIZATION

<u>LOCATION</u>	<u>UNIT</u>	<u>%CAP</u>
USASC, SGN		
Long Binh	483 S&S Bn	116
Long Binh	266 S&S Bn	116
Chu Chi	567 S&S Bn	88
Vung Tau	94 S&S Bn	77
USASC, CRB		
Cam Rahn	59FLD Svc Co	63
Nha Trang	148 S&S Co	67
Tuy Hoa	532 S&S Co	24
Phan Rang	147Fld Svc Co	19
USASC, QNH		
Qui Nhon	19 S&S CO	100
Pleiku	243 Fld Svc CO	71
USASC, DNG		
Wunder Beach	34 S&S Bn	67
Chu Lai	563 S&S Bn	70

SOURCE: 1st Log Comd Dir/Food
As of 30 April 68

<u>DAIRY OPERATIONS</u>			
<u>USASC</u>	<u>CONTRACTOR</u>	<u>OPERATIONAL STATUS</u>	<u>AREAS SUPPORTED</u>
Saigon	Foremost	Operational	III & IV CTZ
Cam Ranh	Meadow Gold	Operational	II CTZ-S
Qui Nhon	Meadow Gold	Operational	II CTZ-N
NSA Chu Lai	Foremost	Operational	I CTZ
NSA DNG	Foremost	Operational	I CTZ

SOURCE: 1st Log Comd, Dir/Food
As of 30 April 68 I-3

CAPACITY
8 HOUR SHIFT

Milk-12,500 gals
Ice cream-2,500 gals
Cot Cheese-1,000 lbs
Milk-10,625 gals
Ice cream-1,599 gals
Cot Cheese-1,952 lbs
Milk-9,600 gals
Ice cream-1,504 gals
Cot Cheese-1,504 lbs
Milk-6,500 gals
Ice cream-2,100 gals
Cot Cheese-1,500 lbs
Milk-10,000 gals
Ice Cream-2,000 gals
Cot Cheese-1,800 lbs

CLASS I STOCKAGE OBJECTIVE (in days)

<u>Type of ration</u>	<u>Depot</u>	<u>DSU/GSU</u>	<u>Total</u>	<u>DA Approved</u>
R (Refrigerated)	21	7	28	Yes
S (nonrefrigerated)	49	7	56	Yes
B	0	0	0	Yes
MCI (Combat Rations)	7	<u>63</u>	<u>10</u>	Yes
Total Balanced Rations	28	10	38	

Divisions and separate brigades are not required to maintain 5 days of MCIs, but stockage of A rations is not prescribed.

SOURCE: 1st Log Comd Dir/Food
As of 30 April 68

I-4

ORGANIZATION:	SGN	CRB	QNH	DNG
FLD SVC Co	1	1	1	1
S & S Co	5	3	3	1
QM Lndry Plt	2	0	1	0
QM Lndry Det	2	0	1	1

SECTIONS PER TYPE UNIT:

FLD SVC Co - 4
 S & S Co - 3
 QM Lndry Plt - 5
 QM Lndry Det - 1

SECTIONS IN RVN: 31 13 17 9

EQUIPMENT & PERSONNEL PER SECTION:

Eleven (11) EM.
 Two (2) washers & three (3) dryers
 (Std "B") or two (2) washer/dryer
 combinations (Std "A").

CAPABILITY: One (1) section can launder
 205 lb/hr, 20hr/day or 123,000 lbs/month.
 In RVN each section can support 2,460
 troops with 10 lbs of clothing/man/
 week, plus 2.5 lbs of bulk work/man/
 week.

CONTRACT LAUNDRY SVCS BY SUPCOM(FY68)

SGN - \$4,068,424
 CRB - 689,936
 QNH - 2,048,145
 DNG - 463,880(Navy)
 \$7,270,385

SOURCE: 1st Log Comd Engineer
 As of 30 Apr 68

FIELD LAUNDRY SUPPORT (CONT.)
NON-STD (9800-MAN) LAUNDRY BLDGS

COMPLETED: Cam Ranh, Dragon Mtn
(Camp Enari), Long Binh, Phan Rang,
Pleiku, Qui Nhon, Tay Ninh, Vung
Tau, Nha Trang.

UNDER CONST: Cu Chi, An Khe.

PROGRAMMED: Di An, Tuy Hoa.

PROPOSED: Bear Cat.

The non-std laundry bldgs are constructed in base camp areas to house the new std "A" or Eidal model Laundry equipment. Each bldg varies somewhat due to local considerations, but each is approx 40' X 100' and houses 4 to 6 machines, shipping, receiving, sorting and other space.

FIXED LAUNDRY FACILITIES, MAC FY69-S

PROGRAM: Seven field laundry facilities are a part of a long range program to provide stateside utility laundry service to US Forces in RVN and at the same time reduce piaster expenditure by reducing contractor support to the minimum. Proposed locations are as follows:

Long Binh	2	20,000 man
Vung Tau	1	20,000 man
Cam Ranh	1	20,000 man
Nha Trang	1	20,000 man
Pleiku	1	30,000 man
Qui Nhon	1	30,000 man

As of 30 Apr 68

SHOWER BATH SUPPORT

ORGANIZATION:	SGN	CRB	QNH	DNG
S & S Co	5	3	3	1
QM Plt, Comp	2	0	0	0

TEAMS PER TYPE UNIT:

S & S Co - 5
QM Plt, Comp - 3

TEAMS IN RVN: 31 15 15 5

PERSONNEL & EQUIPMENT PER TEAM:

Two (2) EM.
One (1) eight-head shower unit.

CAPABILITY: One (1) team can provide 50 baths/hour, 10 hr/day or 15,000 baths/month. In RVN each team can support 1,900 troops with 2 baths per week.

Canvas AUSTRALIAN SHOWER BUCKETS with shower heads have been issued to all combat units. Additional buckets are being procured for incoming units.

SOURCE: 1st Log Comd Engineer.
As of 30 Apr 68

GRAVES REGISTRATION &
MORTUARY SYSTEM

S&S Co - GRREG Sec - 1 Off, 13 EM
FLD SVC Co - GRREG Plt - 2 Off, 48 EM

COLL PT	SGN	CRB	QNH	DNG
Perm Points	7	5	7	4
S&S Co	5	3	2	1
FLD Svc Co	1	1	1	1

Reefer cap, remains	67	70	146	36
------------------------	----	----	-----	----

MORTUARY:

UNIT	PERS		DAC	PROC CAP REEFER	
	OFF	EM		PER MO	CAPAB
DNG	2	34	12	750	100
TSN	2	33	24	1,500	200
PP DIV	3	50	0	0	0
TOTAL	7	117	36	2,250	300

ROKA operates crematories at Qui Nhon and Nha Trang having a total capacity of 180 per month. Backup blanket purchase agreement in Saigon for \$24,500. The Royal Thai Army is authorized cremation service under the blanket purchase agreement.

SOURCE: 1st Log Comd, AC-FSPER
As of 30 Apr 68

REMAINS PROCESSED
(Cumulative)

JAN - MAR 68	TSN	DNG	TOTAL
US ARMY	2853	1432	4285
USAF	68	10	78
US NAVY	43	164	207
USMC	31	1852	1883
US CIV	66	14	80
AUSTR	38	0	38
ROKA	8	154	162
PHILLCAGO	1	0	1
OTHER	119	49	168
TOTAL	3227	3675	6902

SOURCE: 1st Log Comd, ACofS PER
As of 30 April 68

CONTRACTOR PERSONNEL

<u>FUNCTION</u>	<u>CONTRACTOR</u>	<u>US</u>	<u>TON</u>	<u>IN</u>	<u>TOTAL</u>
STEVEDORING	VINNELL	19	375	62	456
	HAN JIN	0	825	220	1,045
	VINNELL	14	240	0	245
	HAN JIN	0	884	183	1,067
	PHILCO-FORD EQUIPMENT INC	37 56	37 46	650 1,328	724 1,430
R & U	PA&E	1,407	3,589	16,416	21,412
NON-STD REP PTS	PA&E	18	31	90	139
ENG EQUIP MAINT	VINNELL	63	258	0	321
	PA&E	18	86	524	628
	PHILCO-FORD	5	19	16	40
ENG CL IV DEPOT	VINNELL	15	300	40	355
	PA&E	139	330	2289	2758

SOURCE: USAPAV
As of 30 April 68

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CONTRACTOR PERSONNEL (CON'T)

FUNCTION	CONTRACTOR	US	TCN	LN	TOTAL
COMM VEH REP PTS	PHILCO-FORD	20	35	56	111
ELEC PWR SYSTEMS	VINNELL	238	1,054	93	1,385
DAIRY PRODUCTS	IDE-FOREMOST	6	2	292	300
	MEADOW GOLD (MANNING)	7	38	260	305
	OTHER	0	0	17,462	17,462
	TOTAL	2062	8149	39981	50192

SOURCE: USAFAV
As of 30 April 68

K-2

CONTRACTS/PROCUREMENT

CONTRACTOR	FUNCTIONS	EST COST	
		FY67	FY68
PA&E	1. Provide R&U services (Post Eng type) for all MACV, USARV, and FWMAF at approximately 97 manned and 150 unmanned installations. (Engineer)	98.4	105.4
	2. Operate fixed field maintenance facilities for backup direct and general support for TOE/TDA engineer equipment beyond the capability of military shops in SC and R&U equipment in RVN. (Maint)		1.8
	3. Operate CL IV Construction Materials Yard in Saigon and Vung Tau. (Supply)		7.0
	4. Operate non-standard repair parts supply point in saigon to support the R&U mission, the fixed field maintenance facility, and the CL IV yards. (Supply)		0.6
SOURCE: USAPAV	TOTAL COST IN MILLIONS	98.4	114.8
As of 30 April 68	K-3		

CONTRACTOR	CONTRACTS/PROCUREMENT (CONT) FUNCTIONS	EST COST	
		FY67	FY68
VINNELL	1. Cam Ranh: Provide stevedoring for loading and discharging ships. Operate a 400 ton floating dry dock, operate a field maintenance shop, operate a track and suspension reconditioning shop, operate and maintain trucks and trailers for port and beach clearance, and operate a CL IV Construction Materials Yard at the depot.	21.2	18.1
	2. Operate and maintain elec power systems by T2 tankers at Qui Nhon, Nha Trang, Cam Ranh, and Vung Tau and the land based generators at Long Binh.	6.8	11.1
	3. Construct land elec distribution systems at 17 locations in RVN.	11.4	13.3
	TOTAL COST IN MILLIONS	39.4	42.5

SOURCE: USAPAV
As of 30 April 68

K-4

CONTRACTS/PROCUREMENT (CON'T)

CONTRACTOR	FUNCTIONS	EST COST	
		FY67	FY68
Luzon	1. Operate 3 Y class tankers and self propelled barge.	0.1	0.2
	2. Operate 3 self propelled Y tankers.	0.2	0.4
	3. Operate 36 non-self propelled barges .	1.3	1.2
	4. Operate 29 self propelled barges (expired 31 Dec 67).	0.9	0.8
	5. Operate three 420 HP tugboats (expires 28 May 68),	0.0	0.2
	6. Furnish 24 tankers and 3 barges, non-self propelled, and 3 tugboats.	0.0	0.4
	7. Furnish 7 Tugboats.	0.0	0.7
	8. Rental of 24 non-self propelled barges.	0.0	0.4
	9. Rental of 30 Petroleum tankers.	0.0	1.2
SOURCE: USAPAV		2.5	5.5

As of 30 April 68

CONTRACTS/PROCUREMENT (CON'T)

CONTRACTOR	FUNCTIONS	EST FY67	COST FY68
PHILCO	1. MHE repair in Qui Nhon and An Khe. (Maint)	0.5	0.4
FORD	2. Operate and maintain a commercial vehicle repair parts warehouse in support of approximately 7,000 vehicles in RVN. (Maint)	1.3	3.9
	3. Provide, operate, and maintain 200 vehicles for use in port clearance in Saigon and Newport. (Trans)	3.0	6.2
	TOTAL COST IN MILLIONS	4.8	10.5
EQUIPMENT INC	1. Operate and maintain approximately 216 government furnished vehicles for cargo transfer. (Trans)	3.9	3.5
	2. Provide, operate, and maintain approximately 200 contractor owned trucks for cargo transfer. (Trans)	5.5	4.7
	TOTAL COST IN MILLIONS	9.4	8.2

SOURCE: USAPAV
As of 30 April 68

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CONTRACTS/PROCUREMENT (CON'T)		EST COST	
CONTRACTOR	FUNCTIONS	FY67	FY68
HAN JIN	1. Operate and maintain 260 contractor owned trucks and 80 forklifts to transport cargo within a 25 mile radius of Qui Nhon Port. (Trans)	10.4	16.6
	2. Provide stevedoring services within QNH Port. (Trans)	11.1	13.6
	TOTAL COST IN MILLIONS	21.5	30.2
IDE	Provide milk and milk products to US and FWMAF in		
FOREMOST	III & IV CTZ through the CLI Officer with direct delivery to Cholon, Saigon, Long Binh, Bien Hoa, and Tan Son Nhut areas. (Foods)	4.1	6.5
MEADOW	Provide milk and milk products to US and FWMAF in		
GOLD	II CTZ through the CL I Officer. Plants located in Cam Ranh Bay and Qui Nhon. Delivery commenced on 15 Nov at Cam Ranh, 5 Feb 68 at Qui Nhon. (Food)		5.7
SOURCE:	USAPAV	TOTAL COST IN MILLIONS	180.9 12.2
As of 30 April 68		ALL CONTRACTS	(243.6)

K-7

RMK-BRJ PHASE DOWN

1. SCOPE:

ITEM	FEB 67	JUL 68	PRESENT
*PERS	53,000	16,500	17,200
*STRUCT	2,480	1,160	1,183
MAT'L	157 mil	95	105
EQUIP	5,706	2,350	3,085
*PLANTS	26	27	25

2. DISTRIBUTION OF MATERIALS, STRUCTURES, & EQUIPMENT (CONVERTED TO \$) FROM FEB 67 TO PRESENT

SERVICE	\$-VALUE
US ARMY	21,772,851
US NAVY	15,626,818
USAF	12,414,947
	49,814,617

3. DISTRIBUTION OF ASSETS TO USARV

ITEM	1ST LOG	ENG COMD
*STRUCT	3.7	
MAT'L	5.4	
EQUIP AND PLANTS	2.9	9.7

* Balance Force: There will be little future change in these figures.

SOURCE: 1st Log Comd Dir/Engineer
As of 30 Apr 68

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MTF OBJECTIVES FY 68

IMPROVED MANAGEMENT 1ST LOG
RESOURCES WITH:

Savings in men, money, material
and facilities

No degradation mission perfor-
mance

Savings of military spaces a
primary goal

Achieve a balanced logistical
posture, military/contractual/LN
assets

Define optimum logistics organization
structures and personnel authori-
zations

Eliminate units, reduce and consoli-
date 1st Log support activities

Improve contract administration
and management by:

Optimizing contract overhead
more productivity per dollar
spent

Reduce levels of supply to minimum
needed in support of operation

SOURCE: 1st Log Comd, Sp Ass't to
CG (MGT)
As of 30 April 68 M-1

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PRIORITIES

Concentrate on those projects offering greatest potential saving of men, money and material.

Reduction of personnel commensurate with decreased workload/increased productivity.

Replacement of military with LN's and KLSC personnel.

Improved administration and management of major contracts.

Reduction of in-country stocks to minimum levels consistent with support requirements.

Identification and disposition of excesses

DO NOT OVERLOOK THE OBVIOUS

SOURCE: 1st Log Comd, SP.Asst to
CG (MGT) as of 30 April 68
M-2

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FY 68 GOALS
SAVINGS OF MILITARY SPACES

TRANSPORTATION.....	2,470
Reduce terminal service units	(1,400)
Convert LT to MDM truck units	(1,051)
Standardization Truck Co. TOE	(19)
GENERAL SUPPLY.....	800
Convert depots from TOE to TDA units	(800)

SOURCE: 1st Log Comd, Sp. Asst. to
CG (MGT) as of 30 Apr 68
M-3

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SAVINGS OF MILITARY SPACES (Cont)

SP&O.....~~CONFIDENTIAL~~.....10,730

Eliminate units, consol-
idate and reduce log supt
activity (2,730)

Substitute KISC units for
US units (6,000)

Substitute LNS for mil in
selected units Type B (2,000)

TOTAL SAVINGS GOAL MILITARY SPACES

14,000

SOURCE: 1st Log Comd, Sp.Asst. to
CG (MGT) as of 30 April 68
M-4

~~CONFIDENTIAL~~

SUMMARY MILITARY SPACE REDUCTION GOALS

~~CONFIDENTIAL~~

Spaces to be saved by management
action..... 6,000

Spaces to be saved by
substitution..... 8 000

LN Type B Units (2,000)

KLSC Units (6,000)

Total spaces to be saved.....14,000

SOURCE: 1st Log Comd, Sp. Asst. to CG
(MGT) as of 30 Apr 68

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FY 68 GOALS

SAVINGS IN MONEY

~~CONFIDENTIAL~~

\$MIL

- | | |
|---|-----|
| 1. Release POL Comm
Tankage | 5 |
| 2. Release POL Float
Storage (Tankers
& Barges | 3 |
| 3. Reduce Stockage Objectives
Class I | 9 |
| Class V | 50 |
| 4. Reduce Order - Ship
Time | 75 |
| 5. Item Substitutions | 5 |
| 6. Reduce demurrage charges
thru improved port
operations | 14 |
| 7. Reduce cost of Mil-
itary leases | 4 |
| 8. Reduce base devel
constr require-
ments | 3.0 |

SOURCE: 1st Log Comd, Sp.Asst. to
CG (MGT) as of 30 April 68
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FY 68 GOALS

SAVINGS IN MONEY (CONT)

	\$MIL
9. Reduce CPFF Contr costs Control Contractor over- time	2.5
Curtail Contractor Leases & purchase of equip	10.0
Substitute LN's for TCN's employed by contractor	0.9
10. Increase competition contrs	2.7
11. Reduce cost of milk prod	2.0
12. Reduce stevedoring costs QNH - Hanjin Contract	6.1
13. Reduce contract trucking cost SGN Port - Equip Inc., Philco - Ford	<u>1.0</u>
TOTAL	193.2

SOURCE: 1st Log Comd, Sp.Asst.to CG (MGT)
As of 30 April 68

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MAJOR ACTIONS UNDERWAY

Identify and eliminate units no longer required.

Substitute LN for military personnel in selected units.

Replace US units with KLSC.

Expand contracts to replace military personnel and units.

Dramatically improve in-country asset knowledge.

Review and reduce in-country stock levels

Identify and dispose of excess stock

Item substitution.

Reduce contract costs by better management & control.

Reevaluate base development plans & reduce construction requirements.

Increase emphasis on retrograde and property disposal.

SOURCE: 1st Log Comd, Sp.Asst to CG
(MGT) As of 30 Apr 68

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SAVINGS REPORTED
(July 67 - Apr 68)

Military Spaces.....5,995

Deletion units programmed
but not deployed (1,965)

In-country units reported
for inactivation (4,030)*

(* 3,026 Inactivated to date)

COST REDUCTIONS (\$ MIL).....118.7

Revised Class I Stockage
objectives (9.0)

Revised Class V Stockage
objectives (50.0)

Reduced order-ship
time (50.0)

Improved contract admin
and management (9.7)

SOURCE: 1st Log Command Sp. Assto to
CG (MGT) As of April 68

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OPERATION DELAWARE/CARENTAN

LOCATION - Camp Evans
TASK FORCE COMMANDER - CPT Langley
TASK FORCE STRENGTH - OFF - 3
WO - 00
EM - 78
TOT 81

UNITS SUPPORTED:

1st CAV DIV CP
4 BDE CP'S
6 INF BNS AM
3 INF BNS ABN
3 INF BN
1 AIR CAV SQDN
1 ENG BN

EST DAY OF SUPPLY:

RATIONS - 24,000
JP4 - 75,000
AVGAS - 6,000
MOGAS - 12,000
DIESEL - 12,000
AMMO - 637

STOCKAGE OBJECTIVES: 3 days

SOURCE: 1st Log Comd HQ, ACoS,
SP&O Operations
As of 30 April 1968

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OPERATION RICE

LOCATION - Quang Tri
TASK FORCE COMMANDER - CPT Moroz
TASK FORCE STRENGTH - OFF - 2
WO - 00
EM - 66
TOT 68

UNITS SUPPORTED:

1st Bde 1 Cav Div (-)
3/5 (-) (REINF) Arm Cav

EST DAY OF SUPPLY:

RATIONS - 9,000
JP-4 - 15,000
AVGAS - 1,000
MOGAS - 5,000
DIESEL - 4,000
AMMO - 343

STOCKAGE OBJECTIVES: 3 days

SOURCE: 1st Log Comd Hq, ACoFS,
SP&O Operations
AS of 30 April 1968

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OPERATION AMERICAL

LOCATION - Duc Pho
TASK FORCE COMMANDER - MAJ Brown
TASK FORCE STRENGTH - OFF - 1
WO - 1
EM 478
TOT 80

UNITS SUPPORTED:

11 Lt inf Bde
Engr Bn (-)
Armd Cav Trp
2 AM Co
105mm - 12

EST DAY OF SUPPLY:

RATIONS - 6,000
JP4 - 10,000
AVGAS - 15,000
MOGAS - 6,000
DIESEL - 5,000
AMMO - 93 S/T

STOCKAGE OBJECTIVES: RATIONS - 20
JP4 - 30
AVGAS - 15
MOGAS - 15
DIESEL - 20
AMMO - 15

SOURCE: 1st Log Comd Hq, ACofS SP&O
Operations As of 30 April 1968

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OPERATION MACARTHUR

LOCATION - Dak To
TASK FORCE COMMANDER - CPT BUGAY
TASK FORCE STRENGTH - OFF - 2
WO - 0
EM - 88
TOT 90

UNITS SUPPORTED:

1 Inf Bde, 4 Inf Div (2 Bns)
1 Engr Bn
1 ASLT Hel Co
1 Tank Co
105mm - 10
155mm - 11
175mm - 6
8" - 4

EST DAY OF SUPPLY:

RATIONS - 6,000
JP4 - 15,000
AVGAS - 1,500
MOGAS - 4,000
DIESEL - 5,000
AMMO - 261 s/t

STOCKAGE OBJECTIVES: 4 days for cIIII
6 days for CL I & V

SOURCE: 1st Log Comd Hq, ACofS,
SP&O Operations
As of 30 April 1968

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OPERATION COCHISE

LOCATION - English Airfield
TASK FORCE COMMANDER - MAJ Lathrop
TASK FORCE STRENGTH - OFF - 4
WO - 1
EM - 113
TOT 117

UNITS SUPPORTED:

173 Abn Bde (-)
2 Engr Bns
2 Inf Bn (Abn)
1 Inf Bn (Mech)
Avn Elements
105mm - 41
155mm - 15
175mm - 2
8" - 6

EST DAY OF SUPPLY:

RATIONS - 10,000
JP4 - 15,000
AVGAS - 1,500
MOGAS - 8,000
DIESEL - 12,000
AMMO - 266 s/t

STOCKAGE OBJECTIVE: 3 days.

SOURCE: 1st Log Comd Hq, ACofS,
SP&O Operations

As of 30 April 1968

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~~CONFIDENTIAL~~

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OPERATION MCLAIN

LOCATION - Phan Thiet
TASK FORCE COMMANDER - MAJ Vaughn
TASK FORCE STRENGTH - OFF - 5
WO - 0
EM - 105
TOT 110

UNITS SUPPORTED:

3rd Bn, 506 Inf, 101 Abn Div
1 Eng Co
1 Aslt Hel co

EST DAY OF SUPPLY:

RATIONS - 3,000
JP4 - 10,000
AVGAS - 2,000
MOGAS - 2,000
DIESEL - 2,000
AMMO - 90 s/t

STOCKAGE OBJECTIVES: 5 days

SOURCE: 1st Log Comd Hq, ACofS
SP&O Operations
As of 30 April 1968
N-6

~~CONFIDENTIAL~~

~~CONFIDENTIAL~~

OPERATION CARENTAN/DELAWARE

LOCATION - Phu Bai
TASK FORCE COMMANDER - CPT Lane
TASK FORCE STRENGTH - OFF - 4
WO - 0
EM - 88
TOT 92

UNITS SUPPORTED:

Hq 101 Abn Div
1st Bde 101 Abn Div (Delaware)
3rd Bde 82 Abn Div (Carentan)

EST DAY OF SUPPLY:

RATIONS - 13,000
JP4 - 35,000
AVGAS - 2,000
MOGAS - 4,000
DF - 4,000
AMMO - 240 s/t

STOCKAGE OBJECTIVE: 3 days

SOURCE: 1st Log Comd Hq, ACofS,
SP&O Operations

As of 30 Apr 68

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VEHICLES ON LOAN TO ARVN

	SGN*	CRB*	QNH*	DNG*	TOT**	ORG MECH	DS MECH	GS MECH	TOT MECH
1/4 Ton Trk	387	11	82	24	531***	45	19	10	74
1/4 Ton Trlr	111	8	8	23	150	2	1	--	3
2 1/2 Ton Trk	141	--	177	70	628***	52	22	11	85
1/4 Ton Amb	--	--	--	--	98	9	4	2	15
3/4 Ton Cargo	7	1	1	1	10	1	--	--	1
3/4 Ton Trlr	3	--	--	--	3	--	--	--	--
3/4 Ton Amb	--	--	--	--	67	6	2	1	9
5 Ton Cargo	--	--	--	--	10	1	1	0	2
TOTALS					1597	116	49	24	189

* Actual Loans

** Total Loans Programmed -- Mech Rqts based on Total Program

*** 381 1/4 Ton Trk and 388 2 1/2 Ton Trk on loan are in process of being converted to ISSUES.

SOURCE: 1st Log Comd, Dir/Maint; Dir/Supply

As of 30 April 1968

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HEADQUARTERS, 1ST LOGISTICAL COMMAND

HHD, 1st log Comd B
516 AG Cb Adm Mach Div
14 Inv Con Cen
15 MH Det
524 MI Det Count Intel
571 MI Det
572 MI Det
573 MI Det
574 MI Det
575 MI Det
576 MI Det
577 MI Det
578 MI Det
579 MI Det
580 MI Det
182 OD Det Stk Cont
533 OD Det EOD
7 PI Det
472 SC Det TT
USA Marine Act
USA Procurement Agy
Det 4 ADFS Cmd
Log Comd Security Plt

SOURCE: 1st Log Comd ACOFS, SP&O
Plans & Force Development
As of 30 Apr 68

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USASUPCOM, SGN

US Army Mortuary
520 Pers Svc Co
537 Pers Svc Co
46 APU TY S
38 BFO TY K
502 CS Det Maint
7 FI Sec Disb
24 FI Sec Disb
41 FI Sec Comm Acct
93 FI Sec Comm Acct
10 FI Sec Disb
9 FI Sec Disb
28 FI Sec Disb
43 FI Sec Disb
131 FI Sec Fund
91 FI Sec Hq
29 FI Sec Disb
40 FI Sec Disb
176 FI Sec Disb
42 OD Det BOD
294 SC Det Mbl Rad

79 Maint Bn
5 Lt Egn
147 Lt Egn
218 CCAS
536 Hvy Egn
553 Hvy Egn
632 Hvy Egn
59 SC Co Det
60 EN Det
349 SC Det
485 SC Det
804 SC Det
185 CS Bn
19 Lt Maint
177 OD Det
61 Hvy Egn
140 Hvy Egn
549 Lt Maint
551 Lt Maint
590 Maint
48 APU
266 S & S
223 S & S
229 S & S
483 Fld
82 QM
506 S & S
621 S & S
41 APU
383 QM

3 OD Bn Ammo
54 OD Co Ammo
60 OD Co Ammo
576 OD Co Ammo
78 OD Det Ammo Bn
550 OD Det Ammo Sup
551 OD Det Ammo Sup
228 S & S
758 S & S
40 OD Co Mag Plts
81 QM Plt
75 CS Co
297 SC Det
854 SC Det
610 CS Bn
33 Maint
91 Maint
248 Lt Maint
61 OD Det
551 SC Det

USA Term Saigon
125 Trans Comd Tml A
Det 4 to Aug tD 4 TC
USA Term Newport
71 Trans Bn Term
154 Trans Co TS
368 Trans Co TS
551 Trans Co TS
567 Trans Co TS
Det 1 to Aug tD 4 TC

4 Trans Comd Tml C

USA Term Vung Tau/Delta Prov
511 Trans Det Tml Cont Supv
5 Trans Co Hvy Bt
1097 Trans Co Mdm Bt
567 Trans Co TS Comp Plt
626 Trans Det Tug
630 Trans Det Tug
633 Trans Det Tug
634 Trans Det Tug
783 Trans Det Cgo Doc Sec
Det 2 to Aug tD 4 TC

USA Term Cat Lat

11 Trans Bn Term
124 Trans Co TS
586 Trans Det MHE
588 Trans Det MHE
592 Trans Det MHE
402 Trans Co Tml Trans
262 Trans Det Crane
264 Trans Det Crane
265 Trans Det Crane
1099 Trans Co Mdm Bt
259 Trans Det
267 Trans Det Barge
275 Trans Det Plt Bt

380 Trans Det Barge
472 Trans Det Tug
478 Trans Det Tug
481 Trans Det Crane
497 Trans Det Barge
519 Trans Det Tug
528 Trans Det Crane
529 Trans Det Crane
538 Trans Det Tug
539 Trans Det Tug
628 Trans Det Tug
629 Trans Det Tug
631 Trans Det Tug
Det 3 to Aug tD 4 TC

CRB Sub Area Comd

USA Depot CRB

39 BPO TY B
518 Pers Svc Co
59 Flid Svc Co GS
14 EN Det Fire Trk
25 EN Det Fire Trk
116 EN Det Pwr Op
530 EN Det Fire Trk
544 EN Det Util
791 EN Det Fire Ftg
92 FI Sec Hq
20 FI Sec Disb
32 FI Sec Disb
156 FI Sec Fund

Nha Trang Sub Area Comd

54 GS Gp
50 APU TY V
148 S & S Co (-)
18 QM Plt Tml Opn
36 EN Det Wtr Pur
99 EN Det Wtr Tank
516 EN Det Fire Trk
521 EN Det Wtr Tank
522 EN Det Fire Ftg
525 EN Det Wtr Tank
569 EN Det Wtr Tank
573 EN Det Util
605 EN Det Wtr Pur
608 EN Det Wtr Pur
609 EN Det Wtr Pur
904 EN Det Wtr Pur
905 EN Det Wtr Pur
22 FI Sec Disb
25 FI Sec Disb

As of 30 April 1968

504 Field Depot

3 CS Det BPU
96 CS Det BPU TML
69 Maint Co GS
63 Main Opt Co
135 Hvy Svc Mnt Co GS
136 Lt Maint Co DS
557 Lt Maint Co DS
194 QM Det Maint
578 Lt Eqp Mnt Co
633 CC&S Co
128 SC Co Depot
290 QM Det Off Mach Rpr

96 S&S Bn DS
31 Hvy Matl Sup Co (-)
273 EN Det Gen Sup
423 Rpr Prts Co
539 Rpr Prts Co
855 SC Det Sup/Iss
548 Gen Sup Co
575 Hvy Matl Sup Co
567 EN Det Wtr Tank
588 Trans Co Depot

278 S & S Bn
53 Gen Sup Co
195 QM Det Rfg
561 QM Det Rfg
563 QM Det Rfg
147 Flid Svc Co (-)
109 QM Co Aer Del
623 QM Co Aer Eqp Rpr
67 EN Det Gas Gen
68 EN Det Gas Gen

504 Flid Dept (Cont)

191 OD Bn Ammo DS
33 OD Co Ammo
606 OD Co Ammo
174 OD Det Ammo
611 OD Co Ammo
239 QM Co Flid Svc
262 QM Bn POL (-)
524 QM Co POL Opn
525 QM Co POL Opn
237 QM Det POL
253 QM Det POL
255 QM Det POL
360 Trans Co Mdm Trk

Tuy Hoa Sub Area Comd

532 S & S Bn DS
226 S & S Co DS
21 EN Det Wtr Pur
26 EN Det Wtr Pur
135 EN Det Gen Sup
329 EN Det Util
520 EN Det Fire Ftg
577 EN Det Fire Ftg
606 EN Det Wtr Pur
853 SC Det Mbl Rad

Phan Rang ISA

21 S & S Co
17 EN Det Fire Trk

USA Trans Comd, CRB Prov

124 Trans Comd Tail A

39 Trans Bn MT
529 Trans Co Lt Trk
545 Trans Co Lt Trk
592 Trans Co Lt Trk
266 Trans Det Ftg Bt
271 Trans Det Tug
276 Trans Det Crane
253 Trans Det Barge
258 Trans Det Tug
486 Trans Det Barge
492 Trans Det Barge
532 Trans Det Crane
627 Trans Det Tug
116 Trans Co TS
123 Trans Co TS
155 Trans Co TS
263 Trans Det Crane
410 Trans Co TS
870 Trans Co TS
261 Trans Det MHE
469 Trans Det Barge
498 Trans Det Tug
512 Trans Det TS
635 Trans Det Tug
24 Trans Bn Term
24 Trans Co Mdm Trk
119 Trans Co TS
564 Trans Ftg Lt Trk

500 Trans Gp MT

36 Trans Bn MT
442 Trans Co Mdm Trk
566 Trans Co Mdm Trk
670 Trans Co Mdm Trk Comp

384 QM Det Sales593 GS Gp

1 APU TY B
40 APU TY T
527 Pers Svc Co
589 Pers Svc Co
19 S & S Co DS
291 QM Det MHE
293 QM Det MHE
304 S & S Co DS
579 Mess Det
15 EN Det Wtr Pur
16 EN Det Util
30 EN Det Wtr Pur
52 EN Det Fir Trk
86 EN Det Util
95 EN Det Fire Ftg
98 EN Det Wtr Tank
153 EN Det Fire Ftg
245 EN Det Fire Trk
514 EN Det Gas Gen
527 EN Det Fire Trk
537 EN Det Fire Trk
556 EN Det Pwr Op
568 EN Det Wtr Tank
601 EN Det Wtr Pur
13 FI Sec Disb
89 FI Sec Disb
25 OD Det EOD
71 QM Det Ldy

30 MH Det

As of 30 April 1968

5 Trans Comd Tml A

394 Trans Bn Term
264 Trans Co TS
285 Trans Co TS
387 Trans Co TS
544 Trans Co Mdm Bt
272 Trans Det Crane
396 Trans Det Barge
474 Trans Det Barge
485 Trans Det Barge
854 Trans Co TS
585 Trans Det MHE
1098 Trans Co Mdm Bt
272 Trans Det Tug
632 Trans Det Tug
540 Trans Plt BARG Op-Mnt

58 Field Depot

98 S & S Bn GS
463 Gen Sup Co GS
562 Gen Sup Co GS
350 SC Det Stor/Iss
629 Rpr Prts Co
157 QM Co Svc
96 CS Det DPU TM3
201 QM Det MHE Rpr
202 QM Det MHE
279 QM Det Co Hq
563 S & S Bn DS
248 Rpr Prts Co
523 SC Det Stor/Iss
540 Hvy Mtl Sup Co
578 Hvy Mtl Sup Co
581 Hvy Mtl Sup Co

86 Maint Bn

398 Lt Rep Mnt Co
160 Hvy Rep Mnt Co
149 Lt Maint Co DS
510 EN Co Maint DS

144 QD Bn Ammo

630 QD Co Ammo (-)
661 QD Co Ammo
820 QD Co Ammo
504 QD Det Ammo Bn

Trans Co MT

27 Trans Bn MT
22 Trans Co Mdm Trk Comp
58 Trans Co Lt Trk
444 Trans Co Mdm Trk
541 Trans Co Lt Trk
597 Trans Co Mdm Trk
520 Trans Det Trl Trans

Trans Bn MT

512 Trans Co Lt Trk
523 Trans Co Lt Trk
666 Trans Co Lt Trk
669 Trans Co Lt Trk
505 Trans Det Trl Trans

55 Maint Bn

5 CS Bn Bq-Mn Spt Co
526 CC&S Co
560 Lt Maint Co DS

1eiku Sub Area Comd

45 GS Gp
62 Maint Bn DS
149 Lt Maint Co DS
510 EN Co Maint DS

88 S & S Bn DS

90 Hvy Mtl Sup Co
243 Flt Svc Co
561 Gen Sup Co GS
573 S & S Co DS
3 QM Det POL
233 QM Det POL
385 QM Det Ldry
188 OD Co Ammo

124 Trans Bn MT

64 Trans Co Mdm Trk
88 Trans Co Mdm Trk
563 Trans Co Mdm Trk
28 Trans Flt Lt Trk

566 APU TY Y

552 Lt Maint Co DS
628 Main Spt Co DS
861 SC Det Rad Rpr
763 EN Det Fire Trk
51 FI Sec Disb
126 FI Sec Disb
291 FI Sec Hq
85 OD Det EOD
484 SC Det Rad Rpr

R-5

26 GS Co

63 Maint Bn
 87 Maint Co DS Div
 129 Maint Co Main Spt
 178 Maint Co DS Div
 43 EN Det Mnt
 596 Lt Maint Co
 57 Trans Bn MT
 57 Trans Co Lt Trk
 61 Trans Co Mdm Trk POL
 360 Trans Co Mdm Trk POL Flt
 63 Trans Co Lt Trk
 363 Trans Co Mdm Trk
 446 Trans Co Mdm Trk
 515 Trans Co Lt Trk
 572 Trans Co Mdm Trk
 585 Trans Co Mdm Trk
 863 Trans Co Lt Trk
 120 Trans Co Lt Trk Flt

148 S&S Co POL Flt
 526 EN Det Util
 109 QM Co Air Del Op Flt

As of 30 April 68

80 GS Co

34 S & S Bn
 56 Hvy Matl Sup Co
 24 Rpt Pts Co
 560 Gen Sup Co
 855 Gen Sup Co
 42 APU TY 1
 516 Para Svc Co
 575 APU TY 2
 29 CA Co
 85 Lt Maint Co DS
 12 ON Det Maint
 188 QM Det Off Mach Rpr
 507 QM Det Refg
 546 SC Det Depot
 156 Hvy Rqp Maint Co
 588 Maint Co DS Div
 196 EN Det Maint
 111 EN Co Wtr Sup
 511 EN Det Wtr Pur
 599 EN Det Wtr Pur
 40 OD Co Ammo (-)
 46 OD Det Ammo
 99 OD Det BOD
 630 OD Co Mag Flt
 329 Trans Co Hvy Bt
 565 Trans Co TS
 31 Hvy Matl Sup Co F & C Flt
 147 Fld Svc Co Ldy & Ren Flt
 509 Mess Det
 563 S & S Bn Bakery Flt
 205 OD Flt Mag

R-6

59 Trans Bn TS

225 S & S Co DS
 299 Hvy Matl Sup Co F & C Flt
 206 QM Det Ldrt
 235 QM Det POL
 252 QM Det POL
 610 QM Det Refg
 10 Trans Co TS
 165 Trans Co LARG
 253 Trans Det Amph Mnt
 403 Trans Co Tnl Trans
 561 Trans Co TS
 107 Trans Co BARG
 111 Trans Flt BARG Op-Mnt
 522 Trans Flt BARG Op-Mnt
 554 Trans Flt BARG Op-Mnt

US Army Mortuary

TABLE OF
WEIGHTS AND MEASURES

WEIGHTS:

2000 lbs = 1 short ton

2240 lbs = 1 long ton

MEASUREMENT TONS: 40 cu ft = 1 m/t
(Based on last 14 mo experience at
each location)

Saigon Port

General Cargo 2 m/t = 1 s/t

Ammo 1 m/t = 1 s/t

CRB

General Cargo 2.25 m/t = 1 s/t

Ammo 1.25 m/t = 1 s/t

QUI NHIN

General Cargo 1.75 m/t = 1 s/t

Ammo 1 m/t = 1 s/t

METRIC EQUIVALENTS - WEIGHTS

1 lb = 0.4536 kilograms

1 s/t = 0.9072 met ton

1 kilogram = 2.2046 lbs

1 met ton = 1.1023 s/t

LIQUID MEASURE

4 quarts = 1 gallon

31½ gallons = 1 barrel

CUBIC MEASURE

27 cu ft = 1 cu yd

231 cu in = 1 standard gallon

SQUARE MEASURES

4840 sq yds = 43,560 sq ft = 1 acre

640 acres = 1 sq mile

MARINERS MEASURE

6 ft = 1 fathom
5,280 ft = 1 statute mile
6,076.1 ft = 1 nautical mile

BOARD MEASURE

1 board = 1 ft x 1 ft x 1 in

MISC DATA:

A. To find:

- (1) Diameter of a circle
multiply circumference
by .31831
- (2) Circumference of a
circle multiply diamet-
er by 3.1416
- (3) Area of a circle
multiply squared diame-
ter by .7854

B. Doubling the diameter of a pipe
increases its capacity four times

C. A gallon of water weighs 8 1/3 lbs

D. A cubic ft of water contains
7 1/2 gallons, 1728 cubic inches, and
weighs 62 1/2 lbs.

E. Gasoline 1 barrel = 42 gallons
1 drum = 55 gallons

Oil (Fuel) 1 barrel = 42 gallons
(Approx 8 lb per gal)

F. 1.6 Km = 1 mile or .555 miles =
1 Km

G. 9mm = .3543"
7.62mm = .30"
8.128mm = .32"
9.652mm = .38"
11.43mm = .45"

SOURCE: US Bureau of Standards, ex-
cept as noted

As of April 68

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