

DEPARTMENT OF THE NAVY  
FY 1997 BUDGET ESTIMATES



**DISTRIBUTION STATEMENT A**

Approved for public release  
Distribution Unlimited

MARCH 1996

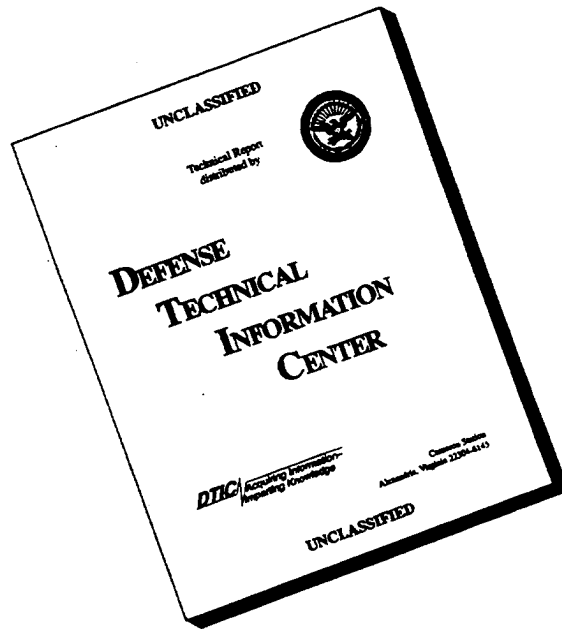
PROCUREMENT, MARINE CORPS  
BUDGET ACTIVITY 1

19960508 105

AMMUNITION

DEMOGRAPHIC INFORMATION

# DISCLAIMER NOTICE



**THIS DOCUMENT IS BEST QUALITY AVAILABLE. THE COPY FURNISHED TO DTIC CONTAINED A SIGNIFICANT NUMBER OF PAGES WHICH DO NOT REPRODUCE LEGIBLY.**

DEPARTMENT OF THE NAVY  
 FY 1997 PROCUREMENT PROGRAM  
 (\$ IN MILLIONS)

DATE: MARCH 1996

EXHIBIT P-1

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
	BA 1	AMMUNITION		133.2	188.9	68.9
	BA 2	WEAPONS & TRACKED COMBAT VEHICLES		41.2	52.0	24.5
	BA 3	GUIDED MISSILES & EQUIPMENT		41.2	24.2	43.4
	BA 4	COMMUNICATIONS & ELECTRONICS EQUIPMENT		186.5	218.7	315.4
	BA 5	SUPPORT VEHICLES		31.1	22.8	14.0
	BA 6	ENGINEER & OTHER EQUIPMENT		75.2	81.3	46.6
	BA 7	SPARES & REPAIR PARTS		31.0	50.9	42.7

TOTAL PMC APPROPRIATION

539.4

638.8

555.5

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

DEPARTMENT OF THE NAVY  
 FY 1997 PROCUREMENT PROGRAM  
 (\$ IN MILLIONS)

DATE: MARCH 1996  
 EXHIBIT P-1R

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
	BA 1	AMMUNITION		2.1	1.4	2.3
	BA 2	WEAPONS & TRACKED COMBAT VEHICLES		2.2	14.2	4.5
	BA 3	GUIDED MISSILES & EQUIPMENT		18.0	4.9	0.9
	BA 4	COMMUNICATIONS & ELECTRONICS EQUIPMENT		23.4	8.8	58.9
	BA 5	SUPPORT VEHICLES		0.2	0.8	0.0
	BA 6	ENGINEER & OTHER EQUIPMENT		0.5	8.2	2.6
	BA 7	SPARES & REPAIR PARTS		0.1	0.2	0.2
TOTAL PMC APPROPRIATION				46.5	38.5	69.4

NOTE: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

DEPARTMENT OF THE NAVY  
 FY 1997 PROCUREMENT PROGRAM  
 (\$ IN MILLIONS)

DATE: MARCH 1996

EXHIBIT P-1

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
BUDGET ACTIVITY 1 - AMMUNITION						
1	101000	5.56 MM, ALL TYPES		7.1	27.9	20.4
2	102000	7.62 MM, ALL TYPES		0.04	11.8	6.5
3	104000	.50 CALIBER		7.3	44.1	6.1
4	105000	40 MM, ALL TYPES		12.4	3.9	3.2
5	108000	60MM HE M888		16.0	9.6	5.1
6	109000	81 MM HE		15.7	10.9	1.7
7	110000	81 MM SMOKE SCREEN		4.3	5.3	2.6
8	112400	120 MM TPCSDS-T M865		10.3	8.7	2.5
9	113000	120 MM TP-T M831		4.9	3.2	1.7
10	138800	25MM, ALL TYPES		8.9	6.6	4.8
11	142800	9 MM ALL TYPES		1.6	2.9	2.8
12	146800	GRENADES, ALL TYPES		0.0	1.1	0.7
13	163000	AMMO MODERNIZATION		9.4	9.4	9.1
14	166300	ITEMS LESS THAN \$2 MILLION		4.9	11.0	1.6
-	111300	81 MM, ILLUMINATION, M853		13.0	0.0	0.0
-	117000	155MM CHG. PROP RED BAG		0.0	15.7	0.0
-	119300	FUZE, ET, M762		17.2	9.8	0.0
-	147100	ROCKETS, ALL TYPES		0.1	6.9	0.0
*** BUDGET ACTIVITY 1 TOTAL ***				133.2	188.9	68.9

NOTE 1: FOR FY 1995 AND FY 1996, BA1 AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

NOTE 2: ALL AMMUNITION P-1 NUMBERS CORRESPOND TO PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS (PANMC) LINE NUMBERS

DEPARTMENT OF THE NAVY  
 FY 1997 PROCUREMENT PROGRAM  
 (\$ IN MILLIONS)

DATE: MARCH 1996

EXHIBIT P-1R

APPROPRIATION: 1109N PROCUREMENT, MARINE CORPS

P-1 LINE #	BUDGET LINE #	NOMENCLATURE	IDENT CODE	FY 1995 AMOUNT	FY 1996 AMOUNT	FY 1997 AMOUNT
<b>BUDGET ACTIVITY 1 - AMMUNITION</b>						
1	101000	5.56 MM, ALL TYPES		0.09	0.5	0.4
2	102000	7.62 MM, ALL TYPES		0.0	0.0	1.1
3	104000	.50 CALIBER		0.5	0.0	0.3
4	105000	40 MM, ALL TYPES		0.2	0.01	0.02
6	109000	81 MM HE		0.6	0.0	0.0
10	138800	25MM, ALL TYPES		0.6	0.8	0.5
11	142800	9 MM ALL TYPES		0.001	0.05	0.03
14	166300	ITEMS LESS THAN \$2 MILLION		0.04	0.05	0.008
				2.1	1.4	2.3
				*** BUDGET ACTIVITY 1 TOTAL ***		

NOTE: FOR FY 1995 AND FY 1996, BAI AMMUNITION APPROPRIATED IN PROCUREMENT OF AMMUNITION, NAVY/MARINE CORPS

NOTE 2: ALL AMMUNITION P-1 NUMBERS CORRESPOND TO PROCUREMENT OF AMMUNITION, NAVY AND MARINE CORPS (PANMC) LINE NUMBERS

Procurement of Ammunition, Navy & Marine Corps  
 Program and Financing (in Thousands of dollars)

00 MAR 96

Identification code	17-1508-0-1-051	Budget Plan (amounts for PROCUREMENT actions programmed)			Obligations		
		1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
Direct program:							
00.0101	Proc Ammo, Navy	274,782	217,183		187,412	227,373	66,557
00.0201	Proc Ammo, MC	133,164	198,890		122,159	153,374	34,537
00.9101	Total direct program	407,946	416,073		309,571	380,747	101,094
01.0101	Reimbursable program		10,000				
10.0001	Total	407,946	426,073		309,571	380,747	101,094
Financing:							
Offsetting collections from:							
Federal funds(-)							
11.0001	Unobligated balance available, start of year:		-10,000			-10,000	
21.4002	For completion of prior year budget plans					-98,375	-143,701
21.4003	Available to finance new budget plans		-6,900			-6,900	
	Unobligated balance available, end of year:						
24.4002	For completion of prior year budget plans	6,900			98,375	143,701	42,607
24.4003	Available to finance subsequent year budget				6,900		
39.0001	Budget authority	414,846	409,173		414,846	409,173	
Budget authority:							
40.0001	Appropriation	414,846	430,053		414,846	430,053	
41.0001	Transferred to other accounts (-)		-20,880			-20,880	
43.0001	Appropriation (adjusted)	414,846	409,173		414,846	409,173	
Relation of obligations to outlays:							
71.0001	Obligations incurred				309,571	370,747	101,094
72.4001	Obligated balance, start of year					111,518	187,526
74.4001	Obligated balance, end of year				-111,518	-187,526	-136,488
90.0001	Outlays (net)				198,053	294,739	152,132

Procurement of Ammunition, Navy & Marine Corps  
 Object Classification (in Thousands of dollars)

00 MAR 96

Identification code	17-1508-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
125.303	Purchases goods/services (inter/intra) Fed accounts	270,175	331,014	87,024
131.001	Purchases from revolving funds	39,396	49,733	14,070
	Equipment			
199.001	Total Direct obligations	309,571	380,747	101,094
999.901	Total obligations	309,571	380,747	101,094

Procurement of Ammunition, Navy & Marine Corps  
 (Rescission Proposal)  
 Program and Financing (in Thousands of dollars) SUPPLEMENTAL

00 MAR 96

Budget Plan (amounts for PROCUREMENT  
 actions programmed) Obligations

Identification code	17-1508-5-1-051	1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Program by activities:							
10.0001 Total		-10,000			-7,500		-1,500
Financing:							
21.4002 Unobligated balance available, start of year:							
For completion of prior year budget plans							2,500
24.4002 Unobligated balance available, end of year:							
For completion of prior year budget plans					-2,500		-1,000
40.3501 Budget authority (Appropriation rescinded) (					-10,000		
Relation of obligations to outlays:							
71.0001 Obligations incurred					-7,500		-1,500
72.4001 Obligated balance, start of year							-2,730
74.4001 Obligated balance, end of year					2,730		1,830
90.0001 Outlays (net)					-4,770		-2,400

Procurement of Ammunition, Navy & Marine Corps  
 (Rescission Proposal)  
 Object Classification (in Thousands of dollars) SUPPLEMENTAL

00 MAR 96

Identification code	17-1508-5-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
131.001	Equipment		-7,500	-1,500
199.001	Total Direct obligations		-7,500	-1,500
999.901	Total obligations		-7,500	-1,500

Procurement, Marine Corps  
Program and Financing (in Thousands of dollars)

Identification code	Budget Plan (amounts for PROCUREMENT actions programed)		Obligations	
	1995 actual	1996 est.	1995 actual	1997 est.
Program by activities:				
Direct program:				
00.0101	41,200	51,977	68,884	55,107
00.0201	41,216	24,208	24,481	31,135
00.0301	186,527	218,696	43,460	38,907
00.0401	31,148	22,859	315,393	294,325
00.0501	75,160	81,325	13,972	16,164
00.0601	30,975	50,886	46,653	53,244
00.0701	406,226	449,951	42,664	42,698
00.9101	3,911	9,400	555,507	531,580
01.0101	410,137	459,351	443,396	493,416
10.0001			3,838	13,067
			447,234	506,483
Financing:				
Offsetting collections from:				
11.0001	-3,795	-9,400	-9,400	-9,400
13.0001	-116		-369	
17.0001			-17,148	
21.4002	-6,600	-378	-190,167	-112,021
21.4003	-4,443		-6,600	-378
21.4009	378		159,153	112,021
24.4002	4,443		378	
24.4003			4,443	
25.0001	400,004	449,573	400,004	449,573
39.0001			555,507	555,507
Budget authority:				
40.0001	419,444	454,765	555,507	555,507
41.0001	-20,240	-6,087	-20,240	-6,087
42.0001	800	895	800	895
43.0001	400,004	449,573	400,004	449,573
			400,004	555,507
			449,573	555,507

Procurement, Marine Corps  
 Program and Financing (in Thousands of dollars)

00 MAR 96

Budget Plan (amounts for PROCUREMENT  
 actions programed) Obligations

Identification code	17-1109-0-1-051	1995 actual	1996 est.	1997 est.	1995 actual	1996 est.	1997 est.
Relation of obligations to outlays:							
71.0001	Obligations incurred				449,945	497,083	531,580
72.4001	Obligated balance, start of year				1,036,638	851,409	820,396
74.4001	Obligated balance, end of year				-851,409	-820,396	-786,756
77.0001	Adjustments in expired accounts (net)				-20,759		
78.0001	Adjustments in unexpired accounts				-17,148		
90.0001	Outlays (net)				597,267	528,096	565,220

Procurement, Marine Corps  
 Object Classification (in Thousands of dollars)

00 MAR 96

Identification code	17-1109-0-1-051	1995 actual	1996 est.	1997 est.
Direct obligations:				
125.101	Advisory and assistance services	4,636	3,101	4,552
126.001	Supplies and materials	174,721	165,328	225,883
131.001	Equipment	264,039	324,987	301,145
199.001	Total Direct obligations	443,396	493,416	531,580
Reimbursable obligations:				
231.001	Equipment	3,838	13,067	9,400
299.001	Total Reimbursable obligations	3,838	13,067	9,400
999.901	Total obligations	447,234	506,483	540,980

Comparison of FY 1995 Program Requirements as Reflected  
 in the FY1996 Budget with the FY 1995 Requirements  
 as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (In millions of Dollars)

NOMENCLATURE	Total Program Requirements per FY 1996 Budget	Total Program Requirements per FY 1997 Budget	Increase or decrease (-)
BA 1 AMMUNITION (PANMC)	135.3	133.2	-2.1
BA 2 WEAPONS & TRACKED COMBAT VEHICLES	30.3	41.2	10.9
BA 3 GUIDED MISSILES & EQUIPMENT	49.9	41.2	-8.7
BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	196.3	186.5	-9.7
BA 5 SUPPORT VEHICLES	27.8	31.1	3.3
BA 6 ENGINEER & OTHER EQUIPMENT	76.6	75.2	-1.4
BA 7 SPARES & REPAIR PARTS	37.3	31.0	-6.3
<hr/>			
Reimbursable	553.5	539.4	-14.1
Subtotal Direct Program	9.4	3.9	-5.5
Total Fiscal Year	562.9	543.3	-19.6

UNCLASSIFIED

Comparison of FY 1995 Program requirements as Reflected  
in the FY 1996 Budget with the FY 1995 Requirements  
as shown in the FY 1997 Budget

Summary of Requirements ( In millions of Dollars)

1. Ammunition (-\$2.1)  
The Rockets, All Types line in the Procurement of Ammunition Navy and Marine Corps Appropriation (PANMC) had an excess of funds and was rescinded in section 8092 Ship Cost Adjustments (-\$2.1).
2. Weapons and Tracked Combat Vehicles (\$10.9)  
All changes were the result of minor execution adjustments (\$10.9).
3. Guided Missiles and Equipment (-\$8.7)  
All changes were the result of minor execution adjustments (-\$8.7).
4. Communications and Electronics Equipment (-\$9.7)  
Funds were reduced from the Intelligence Support Equipment and Automated Data Processing Equipment Lines as part of approval of the Omnibus reprogramming (-\$12.4). The remainder was due to minor execution adjustments (\$2.7).
5. Support Vehicles (\$3.3)  
All changes were the result of minor execution adjustments (\$3.3).
6. Engineer and Other Equipment (\$1.4)  
All changes were the result of minor execution adjustments (\$1.4).
7. Spares and Repair Parts (-\$6.3)  
All changes were the result of minor execution adjustments (-\$6.3).

Comparison of FY 1995 Financing as Reflected  
 In the FY 1996 Budget with the FY 1995 Financing  
 as shown in the FY 1997 Budget

Summary of requirements (In millions of Dollars)

Description	Financing per FY 1996 Budget	Financing per FY 1997 Budget
Program Requirements (Total)	562.9	543.3
(Total Direct)	(553.5)	(539.4)
(Total Reimbursable)	(9.4)	(3.9)
Less:		
Anticipated Reimbursements	(9.4)	(3.9)
Appropriation Rescinded		(14.9)
Add:		
Transferred from Other Accounts		0.8
Appropriation (Adjusted)	553.5	525.3

UNCLASSIFIED

Comparison of FY 1995 Financing as Reflected  
in the FY 1996 Budget with the FY 1995 Financing  
as shown in the FY 1997 Budget

Summary of Requirements ( In millions of Dollars)

Explanation of Changes

The decrease in program financing represents Congressional Action of the FY 1996 Presidents Budget. The following programs were affected: Rockets, All types, Intelligence Support Equipment, Automated Data Processing Equipment (ADPE), and the Drug Interdiction Program. The Rockets (-\$2.1) and ADPE Programs (-\$0.4) were reduced as a result of Congressional Action (sec 8092) (-\$2.5). The Intelligence Support Equipment (-\$9.0) and ADPE (-\$3.4) Programs were reduced due to Congressional approval of the Omnibus Reprogramming (-\$12.4). The Drug Interdiction Program received funds from the Procurement Defense-Wide Appropriation (\$0.8).

Comparison of FY 1996 Program Requirements as Reflected  
 In the FY 1996 Budget with the FY 1996 Requirements  
 as shown in the FY 1997 Budget

DATE: MARCH 1996

Summary of requirements (In millions of Dollars)

NOMENCLATURE	Total Program Requirements per FY 1996 Budget	Total Program Requirements per FY 1997 Budget	Increase or decrease (-)
BA 1 AMMUNITION (PANMC)	110.9	188.9	78.0
BA 2 WEAPONS & TRACKED COMBAT VEHICLES	39.1	52.0	12.9
BA 3 GUIDED MISSILES & EQUIPMENT	31.0	24.2	-6.8
BA 4 COMMUNICATIONS & ELECTRONICS EQUIPMENT	166.6	218.7	52.1
BA 5 SUPPORT VEHICLES	24.1	22.9	-1.3
BA 6 ENGINEER & OTHER EQUIPMENT	50.6	81.3	30.8
BA 7 SPARES & REPAIR PARTS	52.0	50.9	-1.1
<hr/>			
Subtotal Direct Program	474.1	638.8	164.7
Reimbursable	9.4	9.4	0.0
Total Fiscal Year	483.5	648.2	164.7

UNCLASSIFIED

Comparison of FY 1996 Program requirements as Reflected  
in the FY 1996 Budget with the FY 1996 Requirements  
as shown in the FY 1997 Budget

Summary of Requirements ( In millions of Dollars)

1. Ammunition (\$78.0)

Procurement of Ammunition Navy and Marine Corps received Congressional Increases. The following rounds received Congressional Increases: 7.62 MM, All Types; .50 Caliber, All Types; 81MM HE; 155mm Red Bag; Fuze, M762; Grenades, All Types; and Items Less than \$2 million (\$92.3). Decreases included prorated reductions for revised economic assumptions (-\$4.3) and a proposed fiscal year 1996 rescission resulted in a reduction to the 81MM HE round (-\$10.0).

2. Weapons and Tracked Combat Vehicles (\$12.9)

The Modification Kits (Tracked Vehicle) Program received a Congressional Increase (\$12.3). Revised economic assumptions reduced funds (-\$1.1) and minor execution adjustments increased funding (\$1.7).

3. Guided Missiles and Equipment (-\$6.8)

Revised economic assumptions resulting in a prorated reduction (-\$0.5). The remainder was due to minor execution adjustments (-\$6.3).

4. Communications and Electronics Equipment (\$52.1)

Communications and Electronics Equipment received Congressional Increases (\$38.0). Additionally, revised economic assumptions reduced funding (-\$4.5) and a fair share distribution of a Congressional ADP adjustment also reduced funds (-\$0.2). The remainder was due to minor execution adjustments (\$18.5).

5. Support Vehicles (-\$1.3)

The Trailer Program received Congressional Increases (\$5.5). Also, revised economic assumptions reduced funding (-\$0.6). The remainder was due to minor execution adjustments (\$6.2).

6. Engineer and Other Equipment (\$30.8)

The Training Devices Program received Congressional Increases (\$38.6). Also, revised economic assumptions resulted in prorated reductions (-\$1.8) and a transfer from O&M, MC increased funding for expense\investment limitations (\$0.9). The remainder was due to minor execution adjustments (-\$6.9).

7. Spares and Repair Parts (-\$1.1) Revised economic assumptions reduced funding for Spares and Repair parts (-\$1.1).

Comparison of FY 1996 Financing as Reflected  
 In the FY 1996 Budget with the FY 1996 Financing  
 as shown in the FY 1997 Budget

Summary of requirements (In millions of Dollars)

Description	Financing per FY 1996 Budget	Financing per FY 1997 Budget
Program Requirements (Total)	474.1	648.2
(Total Direct)	(464.7)	(638.8)
(Total Reimbursable)	(9.4)	(9.4)
Less:		
Anticipated Reimbursements		
Appropriation Rescinded	(9.4)	(9.4)
Add:		
Transferred from Other Accounts		0.9
Appropriation (Adjusted)	464.7	639.7

UNCLASSIFIED

Comparison of FY 1996 Financing as Reflected  
in the FY 1996 Budget with the FY 1996 Financing  
as shown in the FY 1997 Budget

Summary of Requirements ( In millions of Dollars)

Explanation of Changes

The increase in program financing represents Congressional Action of the FY 1996 President's Budget. Congressional Increases to high priority Marine Corps Programs resulted in increases totaling \$188.0 million.

Additionally, other Congressional Action of the FY 1996 President's Budget had the following impacts: the Automated Data Processing Equipment Program was reduced due to Section 8101 of the fiscal year 1996 DoD appropriations Act (-\$0.2). The Command Support Equipment Program had funds transferred from O&MMC due to expense investment threshold limitations (\$0.9). Reductions totaling \$14.0 million were prorated against all procurement programs due to section 8125 revised economic assumptions (-\$14.0).

Lastly, the 81 MM HE Round was partially recommended for rescission (-\$10.0).

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01	P-1 NOMENCLATURE: 5.56MM, ALL TYPES					(ALTCODE: 010041)		
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	7.101	27.885	20.425	29.172	30.559	33.800	20.334

This P-40 combines all 5.56mm ammunition, including ball, linked and blank training rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

5.56 MM, All Types correlates to PANMC P-1 Number 19.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994		FY - 1995		FY - 1996		FY - 1997	
		QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
P-1 ITEM NOMENCLATURE 5.56MM, ALL TYPES (010041)									
(TOTAL COST IN MILLIONS OF DOLLARS)									
CTG, 5.56MM 4 & 1 LINKED		0	0.000	0	0.000	0	0.000	1771447	0.925
CTG, 5.56MM BALL		0	0.000	0	0.000	48746611	19.022	36072770	13.988
CTG, 5.56MM BALL LINKED		0	0.000	0	0.000	0	0.000	0	0.000
CTG, 5.56MM BLANK		0	0.000	32627747	7.101	17145530	3.884	22818077	5.512
CTG, 5.56MM BLANK LINKED		0	0.000	0	0.000	13090999	4.979	0	0.000
TOTAL VALUE			0.000		7.101		27.885		20.425

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/PROCUREMENT, MARINE CORPS, BA 01 | P-1 NOMENCLATURE: CTG, 5.56MM 4 & 1 LINKED | RCN 01-110-1

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	1,771,447	9,664,841	13,763,169	6,737,365	3,229,000
COST (M\$)	0.000	0.000	0.000	0.925	5.404	7.868	3.936	1.928

This round will be used in the Squad Automatic Weapons System which is a light weight (17-21 lbs w/200rounds ammo), linked belt fed, one-man operated weapon. This item consists of the M855 ball linked with the M856 tracer round.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty	12819589	12819589	12819589
Consumption	260244	221004	181882
Loss	0	0	0
Gains	0	0	0

This is Code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.925	5.404	7.307	3.936	1.928
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.561	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.925	5.404	7.868	3.936	1.928

P-1 SHOPP LIST

ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-252-0153  
( A064 )

P-1 ITEM NOMENCLATURE:  
CTG, 5.56MM 4 & 1 LINKED

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY )		FY 1995 (QTY )		FY 1996 (QTY )		FY 1997 (QTY )		UNIT COST	TOTAL
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)							1771447	0.40		714
2. PROPELLANT WC844T (LB)							1418	5.83		8
3. PROPELLANT WC844 (LB)							5846	5.83		34
4. LINK M27							1815734	0.02		27
<b>SUBTOTAL</b>										783
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING										33
2. QUALITY ASSURANCE										1
3. ACCEPTANCE TESTING										9
4. INTERIM TRANSPORTATION										7
5. INDUSTRIAL STOCK SUPPORT										
6. CAWCF GAIN/LOSS SURCHARGE										92
<b>SUBTOTAL</b>										142
*****										
TOTAL P-1 LINE ITEM								0.52		925

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-252-0153

P-1 ITEM NOMENCLATURE

( A064 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 5.56MM 4 & 1 LINKED

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	REV REQD	SPECS IF YES	WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	-------------	-----------------	---------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1997 OLIN CORP  
INDEPENDENCE, MO

SS/CPAF

IOC

NOV 96 OCT 97

1771447

0.40 YES

NO

2 . PROPELLANT WC844T (LB)

FY 1997 OLIN  
ST MARKS, FL

SS/FP

IOC

AUG 97 SEP 97

1418

5.83 YES

NO

3 . PROPELLANT WC844 (LB)

FY 1997 OLIN  
ST MARKS, FL

SS/FP

IOC

AUG 97 SEP 97

5846

5.83 YES

NO

4 . LINK M27

FY 1997

C/FP

IOC

JAN 97 JUL 97

1815734

0.02 YES

NO

REMARKS:

LINE ITEM 4 - \*\* PACING COMPONENT LINE ITEM 4 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: A064

ITEM: CTG, 5.56MM 4 & 1 LINKED  
 MODEL NO: M855/M856

PM: AM  
 RCN: 03011101

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		4,493,672	13,092,125	3,725,226	21,311,023
FORCES AFLOAT				7,522,226	7,522,226
SUBTOTAL					28,833,249
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		1,639,720	1,249,746	3,539,882	6,429,348
FORCES AFLOAT				2,153,770	2,153,770
SUBTOTAL					8,583,118
MRC TOTALS					37,416,367
3 SPECIAL MISSION FORCES	15,343				15,343
4 PEACETIME OPERATING STOCKS	3,652,135				3,652,135
5 TRAINING REQUIREMENT	14,980,644				14,980,644
6 GEO PREPOSITIONED					
NALMEB	1,854,400				1,854,400
GITMO	342,217				342,217
WRSA					
7 RESIDUAL	5,245,225				5,245,225
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	26,089,964	6,133,392	14,341,871	16,941,104	63,506,331

MPS BREAKOUT

MPS 1	1,858,400
MPS 2	1,858,400
MPS 3	1,858,400

PROCUREMENT OBJECTIVE: 63506331 DODIC: A064  
 ACQUISITION OBJECTIVE: 63506331 DESCRIPTION: CTG, 5.56MM 4 & 1 LINKED  
 LEADTIME : 13

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.5200
TOTAL PRICE:	\$0	\$0	\$0	\$925,000
FY BUDGET QTY:	0	0	0	1771447
GAINS:				
FDP DELIVERIES:	0	0	0	0
OTHER ( 93 & PRIOR)	26251200	0	0	0
TOTAL:	26251200	0	0	0
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	12140725	12819589	12819589	12819589
WASHOUT:	218568	260244	221004	181882
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	12359293	13079833	13040593	13001471
NET CHANGE (+/-)	13891907	-13079833	-13040593	-13001471
ASSET POSITION:				
STD SERVICEABLE:	72856005	73668079	60627486	47626015
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	72856005	73668079	60627486	47626015
\$ VALUE:	\$0	\$0	\$0	\$24,765,528
RECOMMENDED BUY QTY	-9349674	-10161748	2878845	15880316
\$ VALUE:	\$0	\$0	\$0	\$8,257,765
DEFICIENCY A.O.	-9349674	-10161748	2878845	15880316
\$ VALUE:	\$0	\$0	\$0	\$8,257,765
PERCENT OF OBJECTIVE:	115%	116%	95%	75%



APPROPRIATION/BUDGET: MARINE CORPS, BA 01  
 PRODUCTION SCHEDULE (EXHIBIT P-21)  
 P-1 ITEM NOMENCLATURE: CTG, 5, 4 & 1 LINKED  
 IDDDIC: A064  
 FISCAL YEAR 1998

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	CALENDAR YEAR 1996												CALENDAR YEAR 1997												CALENDAR YEAR 1998														
			1995			1996			1997			1998			1999			2000			2001			2002			2003			2004											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP						
1	OLIN CORP, ST PETERSBURG, FL	4.00	12	12	12	12	12	12	12	7.0	12																														
2	LAKE CITY AAP, INDEPENDENCE MO	101										1.0	1.0	1.0	1.0												9.0	9.0	9.0	9.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0	8.0			
TOTAL MONTHLY PROD			149.1			12.7			12.9			13.6			12.0			12.0			12.0			12.0			12.0			12.0			12.0			12.0			12.0		

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	MONTHS TO		PRODUCTION RATES		PROCUREMENT LEAD TIME		INITIAL REORDER		
			MAX	AFTER	MINIMUM	MAXIMUM	ADMIN	PROD			
1	OLIN CORP, ST PETERSBURG, FL	4.00	0.00	0.00	0.70	0.83	6.00	2.00	11.00	13.00	
2	LAKE CITY AAP, INDEPENDENCE MO	101	0.00	0.00	0.00	11.50	39.30	6.00	2.00	11.00	13.00

REMARKS: COMPONENT (U/M=K/LB)  
 PACKING: 8  
 QUANTITY IN MILLIONS: 8

Page

1-9

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMNT, MARINE CORPS, BA 01 P-1 NOMENCLATURE: CTG, 5.56MM BALL RCN 01-119-1

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	48,746,611	36,072,770	37,064,958	35,567,186	38,324,421	13,099,811
COST (M\$)	0.000	0.000	19.022	13.988	15.389	15.096	16.625	5.807

The 5.56mm M855 Ball Cartridge replaced the standard M193 Ball Cartridge. The M855 Cartridge provides greater penetration and range over the M193 cartridge when fired from the M16A2 rifle. The increased penetration and range are achieved through use of a steel conical insert in the ogive of the bullet. This item shares production with the M856 tracer.

This is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty			
Consumption	60703258	60703258	48080436
Loss	670812	486690	303120
Gains	0	0	44684393

THIS ITEM IS CODE "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	19.022	13.988	15.389	15.096	16.625	5.807
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	19.022	13.988	15.389	15.096	16.625	5.807

P-1 SHOPP LIST ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-155-5459  
( A059 )

APPROPRIATION BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 5.56MM BALL

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		TOTAL	
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)					48746611	0.27	13342	36072770	0.30	10789
2. BOX METAL M2A1					59471	5.62	334	44009	5.07	223
3. PROPELLANT WC844 (LB)					194987	6.50	1267	144292	5.83	841
<b>SUBTOTAL</b>						14943				11853
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING						463				490
2. QUALITY ASSURANCE						21				17
3. ACCEPTANCE TESTING						172				129
4. INTERIM TRANSPORTATION						57				113
5. INDUSTRIAL STOCK SUPPORT						634				1386
6. CAWCF GAIN/LOSS SURCHARGE						2732				
<b>SUBTOTAL</b>						4079				2135
*****										
TOTAL P-1 LINE ITEM						0.39	19022		0.39	13988

1 - 11

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-155-5459

P-1 ITEM NOMENCLATURE

( A059 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 5.56MM BALL

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	SPECS IF YES WHEN AVALL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	----------------------	-------------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	MAR 96	OCT 96	48746611	0.27	YES	NO	NO
FY 1997	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	NOV 96	OCT 97	36072770	0.30	YES	NO	NO

2 . BOX METAL M2A1

FY 1996		C/FP	IOC	MAY 96	AUG 96	59471	5.62	YES	NO	NO
FY 1997		C/FP	IOC	JAN 97	JUL 97	44009	5.07	YES	NO	NO

3 . PROPELLANT WC844 (LB)

FY 1996	OLIN ST MARKS, FL	SS/FP	IOC	AUG 96	SEP 96	194987	6.50	YES	NO	NO
FY 1997	OLIN ST MARKS, FL	SS/FP	IOC	AUG 97	SEP 97	144292	5.83	YES	NO	NO

REMARKS:

LINE ITEM 3 - \*\* PACING COMPONENT LINE ITEM 3 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

PM: AM  
RCN: 03011191

A059

P20A DISPLAY FOR DODIC:

ITEM: CTG, 5.56MM BALL  
MODEL NO: M855

DATE:

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		7,633,438	13,028,519	6,356,960	27,018,917
FORCES AFLOAT				6,549,370	6,549,370
SUBTOTAL					33,568,287
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		4,369,743	13,856,655	5,141,522	23,367,920
FORCES AFLOAT				3,174,627	3,174,627
SUBTOTAL					26,542,547
MRC TOTALS					60,110,834
3 SPECIAL MISSION FORCES	88,211				88,211
4 PEACETIME OPERATING STOCKS	25,315,120				25,315,120
5 TRAINING REQUIREMENT	65,703,258				65,703,258
6 GEO PREPOSITIONED					
NALMEB	5,031,600				5,031,600
GITMO	756,519				756,519
WRSB					
7 RESIDUAL	13,392,048				13,392,048
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	110,286,756	12,003,181	26,885,174	21,222,479	170,397,590

=====

MPS BREAKOUT

MPS 1	4,945,920
MPS 2	4,945,920
MPS 3	4,945,920

1-13

ASSET DYNAMICS

PROCUREMENT OBJECTIVE: 170397590 DODIC: A059  
 ACQUISITION OBJECTIVE: 170397590 DESCRIPTION: CTG, 5.56MM BALL  
 LEADTIME : 13

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.3900	\$0.3900
TOTAL PRICE:		\$0	\$0	\$19,022,000	\$13,988,000
FY BUDGET QTY:		0	0	48746611	36072770
GAINS:					
FDP DELIVERIES:		0	0	0	44684393
OTHER ( 93 & PRIOR)		19230960	0	0	0
TOTAL:		19230960	0	0	44684393
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		59512930	60703258	60703258	48080436
WASHOUT:		794040	670812	486690	303120
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		60306970	61374070	61189948	48383556
NET CHANGE (+/-)		-41076010	-61374070	-61189948	-3699163
ASSET POSITION:					
STD SERVICEABLE:	264680044	223604034	162229964	101040016	97340853
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	264680044	223604034	162229964	101040016	97340853
\$ VALUE:	\$0	\$0	\$0	\$39,405,606	\$37,962,933
RECOMMENDED BUY QTY	-94282454	-53206444	8167626	69357574	73056737
\$ VALUE:	\$0	\$0	\$0	\$27,049,454	\$28,492,127
DEFICIENCY A.O.	-94282454	-53206444	8167626	69357574	73056737
\$ VALUE:	\$0	\$0	\$0	\$27,049,454	\$28,492,127
PERCENT OF OBJECTIVE:	155%	131%	95%	59%	57%

FAC	Y	S	B	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998												TOTAL
					1995			1996			1997			1998			1999			2000			2001			2002															
NO.	DESCRIPTION	UNIT	QTY	UNIT PRICE	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	QTY			
1	OLIN CORP. ST PETERSBURG, FL	FL	0.70	0.83	1.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	LAKE CITY AAP, INDEPENDENCE MO	MO	0.00	19.40	67.50	5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00			
TOTAL MONTHLY PROD					10.0	405	1.0	3.0	16	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15		

REMARKS:   
 PACKING COMPONENT (U/M=K/LB)   
 TOTAL   
 QUANTITY IN MILLIONS

INITIAL REORDER

PROCUREMENT LEAD TIME   
 ADMIN LEAD TIME | PROD. | AFTER   
 PRI OCT | AFT OCT | OCT | NOV | OCT

INITIAL 6.00 | 2.00 | 11.00 | 13.00   
 REORDER 6.00 | 2.00 | 11.00 | 13.00

Page

1-15

PRODUCTION SCHEDULE (EXHIBIT P-21)

[DATE: ]

APPROPRIATION/BUDGET MARINE CORPS, BA 01 IP-1 ITEM NOMENCLATURE: CTG. 5.56MM BALL IDDDIC: A059 I

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996				FISCAL YEAR 1997				FISCAL YEAR 1998				L	A	L	E	R		
			FY 96	FY 97	FY 98	FY 99	95P	96P	97P	98P	95P	96P	97P	98P						95P	96P
1	OLIN CORP, ST PETERSBURG, FL	175																		0.00	
2	LAKE CITY AAP, INDEPENDENCE MO	366																		0.00	
TOTAL MONTHLY PROD			10.0	405	1.0	3.0	17	15	15	15	15	15	15	15	15	15	15	14	7.8	7.8	0.00

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996		FISCAL YEAR 1997		FISCAL YEAR 1998		L	A	L	E	R
			FY 96	FY 97	FY 97	FY 98	FY 98	FY 98					
1	OLIN CORP, ST PETERSBURG, FL	175											
2	LAKE CITY AAP, INDEPENDENCE MO	366											
TOTAL MONTHLY PROD			10.0	405	1.0	3.0	17	15	15	15	15	15	15

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	MINIMUM	MAXIMUM	MONTHS TO MAX AFTER	PROCUREMENT LEAD TIME		REMARKS
						ADMIN LEAD TIME	PRODUCTION	
1	OLIN CORP, ST PETERSBURG, FL	175	0.70	1.00	0.00	PRI	OCT	INITIAL
2	LAKE CITY AAP, INDEPENDENCE MO	366	0.00	19.40	67.50	2.00	11.00	REORDER

INITIAL REORDER

QUANTITY IN MILLIONS

Page

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01	P-1 NOMENCLATURE: CTG, 5.56MM BLANK									
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	DATE:	
QUANTITY	0	32,627,747	17,145,530	22,818,077	20,006,145	20,703,247	32,109,835	33,380,548		
COST (M\$)	0.000	7.101	3.884	5.512	4.971	5.258	8.335	8.856		

This cartridge consists of a primer and propellant contained in a brass cartridge shaped to conform to the configuration of the service round. The propellant is held in by a wad. The mouth of the cartridge is crimped and sealed. The 5.56mm blank is used with the M16A2 rifle for simulated firing in training.

This is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	33255810	33255810	33255810
Loss	179901	92245	83077
Gains	4216918	30292124	18435715

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	7.101	3.884	5.512	4.971	5.258	8.335	8.856
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	7.101	3.884	5.512	4.971	5.258	8.335	8.856

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-182-3217  
( A080 )

P-1 ITEM NOMENCLATURE:  
CTG, 5.56MM BLANK

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY )		FY 1995 (QTY 32627747 )		FY 1996 (QTY 17145530 )		FY 1997 (QTY 22818077 )			
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)			5390	32627747	0.17	5390	17145530	22818077	0.19	4249
2. BOX METAL M2A1			164	29365	5.57	164	15431	20537	5.07	104
3. PROPELLANT WC814 (LB)			205	32628	6.28	205	17146	22819	5.83	133
<b>SUBTOTAL</b>			5759			3051				4486
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING			225			95				205
2. QUALITY ASSURANCE			9			4				6
3. ACCEPTANCE TESTING			267			35				49
4. INTERIM TRANSPORTATION			35			12				43
5. INDUSTRIAL STOCK SUPPORT			343			129				177
6. CAWCF GAIN/LOSS SURCHARGE			463			558				546
<b>SUBTOTAL</b>			1342			833				1026
*****										
TOTAL P-1 LINE ITEM			7101		0.22	3884			0.23	5512

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-00-182-3217

P-1 ITEM NOMENCLATURE

( A080 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 5.56MM BLANK

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS AVAIL	REV REQD	SPECS IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	----------------	-------------	-------------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	JAN 95	OCT 95	32627747	0.17	YES	NO		
FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	MAR 96	OCT 96	17145530	0.17	YES	NO		
FY 1997	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	NOV 96	OCT 97	22818077	0.19	YES	NO		

2 . BOX METAL W2A1

FY 1995	BROCKWAY STANDARD HOMERVILLA, GA	C/FP	IOC	AUG 95	SEP 95	29365	5.57	YES	NO		
FY 1996		C/FP	IOC	MAY 96	AUG 96	15431	5.62	YES	NO		
FY 1997		C/FP	IOC	JAN 97	JUL 97	20537	5.07	YES	NO		

3 . PROPELLANT WC814 (LB)

FY 1995	OLIN ST MARKS, FL	SS/FP	IOC	JUN 95	SEP 95	32628	6.28	YES	NO		
FY 1996	OLIN ST MARKS, FL	SS/FP	IOC	AUG 96	SEP 96	17146	6.50	YES	NO		
FY 1997	OLIN ST MARKS, FL	SS/FP	IOC	AUG 97	SEP 97	22819	5.83	YES	NO		

REMARKS:

LINE ITEM 2 - TBS - To Be Selected LINE ITEM 3 - \*\* PACING COMPONENT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: A080

ITEM: CTG, 5.56MM BLANK  
MODEL NO: M200

PM: AM  
RCN: 03011141

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
MRC TOTALS					
3 SPECIAL MISSION FORCES					
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	39,327,522				39,327,522
6 GEO PREPOSITIONED					
NALMEB					
GLTMO					
WRSA					
7 RESIDUAL	21,549,327				21,549,327
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	60,876,849				60,876,849

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

PROCUREMENT OBJECTIVE: 60876849 DODIC: A080  
 ACQUISITION OBJECTIVE: 60876849 DESCRIPTION: CTG, 5.56MM BLANK  
 LEADTIME : 13  
 \*\*\*\*\*  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.1500	\$0.2200	\$0.2300	\$0.2400
TOTAL PRICE:		\$711,000	\$7,101,000	\$3,884,000	\$5,512,000
FY BUDGET QTY:		4600274	32627747	17145530	22818077
GAINS:					
FDP DELIVERIES:		0	4216918	30292124	18435715
OTHER ( 93 & PRIOR)		24981960	0	0	0
TOTAL:		24981960	4216918	30292124	18435715
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		24338505	33255810	33255810	33255810
WASHOUT:		178507	179901	92245	83077
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		24517012	33435711	33348055	33338887
NET CHANGE (+/-)		464948	-29218794	-3055931	-14903172
ASSET POSITION:					
STD SERVICEABLE:	59502191	59967139	30748346	27692415	12789243
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	59502191	59967139	30748346	27692415	12789243
\$ VALUE:	\$0	\$8,995,071	\$6,764,636	\$6,369,255	\$3,069,418
RECOMMENDED BUY QTY	1374658	909710	30128503	33184434	48087606
\$ VALUE:	\$0	\$136,456	\$6,628,271	\$7,632,420	\$11,541,026
DEFICIENCY A.O.	1374658	909710	30128503	33184434	48087606
\$ VALUE:	\$0	\$136,456	\$6,628,271	\$7,632,420	\$11,541,026
PERCENT OF OBJECTIVE:	98%	99%	51%	45%	21%

PRODUCTION SCHEDULE (EXHIBIT P-21)

DATE: \_\_\_\_\_

APPROPRIATION/BUDGET MARINE CORPS. BA 01

IP-1 ITEM NOMENCLATURE: CTG. 5.56MM BLANK

DDIC: A080 |

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998												L A E R
			FY 96			FY 97			FY 98			FY 99			OCT 1995			OCT 1996			OCT 1997			OCT 1998			JAN 1999			JAN 2000			JAN 2001						
			MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT	MIN	MAX	ACT				
			0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
1	OLIN CORP, ST PETERSBURG, FL	124	0.00	124	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
2	LAKE CITY AAP, INDEPENDENCE MO	17.0	0.00	17.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00				
TOTAL MONTHLY PROD			165	11	14	10	9.0	10	9.4	11	11	15.4	11	11	2.0	1.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0				

REMARKS: COMPONENT (U/M=K/LB)  
 PACKING  
 UAL  
 6  
 QUANTITY IN MILLIONS

PROCUREMENT LEAD TIME			
ADMIN	LEAD TIME	PRODUCTION	AFTER
PRI	OCT	AFT	OCT
INITIAL	6.00	2.00	11.00
REORDER	6.00	2.00	13.00

PRODUCTION RATES			MONTHS TO	
MINIMUM	185	MAXIMUM	MAX	AFTER
			D	DAY
0.70	0.83	1.00	0.00	0.00
0.00	21.20	68.30	5.00	

INITIAL  
REORDER

PRODUCTION SCHEDULE (EXHIBIT P-21)

APPROPRIATION/BUDGET/NAVAL AVIATION MARINE CORPS, BA 01 | P-1 ITEM NOMENCLATURE: CTG. S... BLANK | DODIC: A080 |

FACILITY	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
		1995				1996				1997				1998				1999				2000				2001											
		FY 96	FY 97	FY 98	FY 99	FY 00	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP							
1	18.0	11.0	11.0	11.0	11.0	11.0	10.7																									0.00					
1	0.00	0.00	0.00	0.00	0.00	2.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	1.0														0.00						
1	24.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	0.00						
TOTAL MONTHLY PROD		165	11	14	10	19.4	11	11	15.4	11	11	12.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.0	2.0	1.1						

REMARKS: ORDER

INITIAL REORDER

PACKING COMPONENT (U/M=K/LB)  
 8 8 8 8 8 8  
 QUANTITY IN MILLIONS

PROCUREMENT LEAD TIME

ADMIN LEAD TIME	PRODUCTION	AFTER
PRI OCT/AFT OCT	UCTION	OCT
INITIAL 6.00   2.00	11.00	13.00
REORDER 6.00   2.00	11.00	13.00

Page

MANUFACTURER NAME & LOCATION

NO.	MANUFACTURER NAME & LOCATION	MINIMUM	MAXIMUM	MONTHS TO MAKE	DAYS AFTER
1	OLIN CORP, ST PETERSBURG, FL	0.70	0.83	1.00	0.00
2	LAKE CITY AAP, INDEPENDENCE MO	0.00	21.20	68.30	5.00

1-23

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ | P-1 NOMENCLATURE: | RCN 01-120-1  
 PROCUREMENT, MARINE CORPS, BA 01 | CTG, 5.56MM BLANK LINKED

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	13,090,999	0	8,405,051	5,636,587	11,572,718	8,644,067
COST (M\$)	0.000	0.000	4.979	0.000	3.408	2.337	4.904	3.743

This round is used in the Squad Automatic Weapon System for training only. The M200 cartridge consists of a primer and propellant contained in a brass cartridge shaped to conform to the configuration of the service round. The propellants are held in by a wad. The mouth of the cartridge is crimped and sealed.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	10338155	9583450	9583450
Loss	83849	52583	23675
Gains	0	0	12000082

This item is Code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	4.979	0.000	3.408	2.337	4.904	3.743
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	4.979	0.000	3.408	2.337	4.904	3.743

P-1 SHOPP LIST

ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-258-8694  
( A075 )

P-1 ITEM NOMENCLATURE:  
CTG, 5.56MM BLANK LINKED

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)					13090999	0.27				3596
2. PROPELLANT WC814 (LB)					13091	6.50				85
3. LINK M27					13614639	0.02				230
<b>SUBTOTAL</b>										3911
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING										121
2. QUALITY ASSURANCE										5
3. ACCEPTANCE TESTING										45
4. INTERIM TRANSPORTATION										15
5. INDUSTRIAL STOCK SUPPORT										167
6. CAWCF GAIN/LOSS SURCHARGE										715
<b>SUBTOTAL</b>										1068
*****										
TOTAL P-1 LINE ITEM						0.38				4979
*****										

1-25

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

MSN: 1305-01-258-8694

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 5.56MM BLANK LINKED

( A075 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD	WHEN AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)										
FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	MAR 96	OCT 96	13090999	0.27	YES	NO	
2 . PROPELLANT WC814 (LB)										
FY 1996	OLIN ST MARKS, FL	SS/FP	IOC	AUG 96	SEP 96	13091	6.50	YES	NO	
3 . LINK M27										
FY 1996	VALENTEC WELLS COSTA MESA, CA	C/FP	IOC	MAR 96	AUG 96	13614639	0.02	YES	NO	

REMARKS:

LINE ITEM 3 - \*\* PACING COMPONENT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: A075

ITEM: CTG, 5.56MM BLANK LINKED  
MODEL NO: M200

PM: AM  
RCN: 03011201

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"				
FORCES ASHORE				
FORCES AFLOAT				
SUBTOTAL				
2 MAJOR REGIONAL CONFLICT "B"				
FORCES ASHORE				
FORCES AFLOAT				
SUBTOTAL				
MRC TOTALS				
3 SPECIAL MISSION FORCES				
4 PEACETIME OPERATING STOCKS				
5 TRAINING REQUIREMENT				10,338,155
6 GEO PREPOSITIONED				
NALMEB				
GITMO				
WRSA				
7 RESIDUAL				5,664,742
8 REGENERATION				
APPROVED ACQUISITION OBJECTIVE				16,002,897

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 16002897 DODIC: A075  
 ACQUISITION OBJECTIVE: 16002897 DESCRIPTION: CTG, 5.56MM BLANK LINKED  
 LEADTIME : 13  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.3800	\$0.0000
TOTAL PRICE:		\$0	\$0	\$4,979,000	\$0
FY BUDGET QTY:		0	0	13090999	0
GAINS:					
FDP DELIVERIES:		0	0	0	12000082
OTHER ( 93 & PRIOR)		3774400	0	0	0
TOTAL:		3774400	0	0	12000082
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		8053603	10338155	9583450	9583450
WASHOUT:		96977	83849	52583	23675
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		8150580	10422004	9636033	9607125
NET CHANGE (+/-)		-4376180	-10422004	-9636033	2392958
ASSET POSITION:					
STD SERVICABLE:	32325820	27949640	17527636	7891603	10284560
UNSERVICABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	32325820	27949640	17527636	7891603	10284560
\$ VALUE:	\$0	\$0	\$0	\$2,998,809	\$0
RECOMMENDED BUY QTY					
\$ VALUE:	-16322923	-11946743	-1524739	8111294	5718337
DEFICIENCY A.O.					
\$ VALUE:	-16322923	-11946743	-1524739	8111294	5718337
PERCENT OF OBJECTIVE:	202%	175%	110%	49%	64%

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			1996			1997			1998			1997			1998			1999			2000			2001														
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP			
1	OLIN CORP, ST PETERSBURG, FL	185	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
2	LAKE CITY AAP, INDEPENDENCE MO	14.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00						
TOTAL MONTHLY PROD			147.0	1.1	3.4	2.0	9.0	1.5	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0	1.0						

FAC NO.	MANUFACTURER NAME & LOCATION	MINIMUM	MAXIMUM	MONTHS TO		PROCUREMENT LEAD TIME		REORDER	INITIAL
				BEFORE	AFTER	ADMIN	PROD		
1	OLIN CORP, ST PETERSBURG, FL	0.70	1.00	0.00	0.00	6.00	2.00	11.00	13.00
2	LAKE CITY AAP, INDEPENDENCE MO	0.00	48.70	6.00	6.00	6.00	2.00	11.00	13.00

REMARKS:  
 PACING COMPONENT (U/M=K/LB)  
 QUANTITY IN MILLIONS

1-29



BUDGET ITEM JUSTIFICATION SHEET

DATE:

(ALTCODE: 010151 )

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 7.62MM, ALL TYPES

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	0.036	11.827	6.493	8.812	8.951	7.443	0.000

This P-40 combines all 7.62mm ammunition including ball, linked and blank rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

7.62 MM, All Types correlates to PANMC P-1 Number 20.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994		FY - 1995		FY - 1996		FY - 1997	
		QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
		0	0.000	0	0.000	11131523	7.845	9398566	5.656
CTG, 7.62MM 4 & 1 LINKED		0	0.000	0	0.000	2872095	1.900	0	0.000
CTG, 7.62MM BALL LINKED		0	0.000	48230	0.036	1662479	1.574	0	0.000
CTG, 7.62MM BALL MATCH		0	0.000	0	0.000	0	0.000	1254226	0.837
CTG, 7.62MM BALL SPECIAL		0	0.000	0	0.000	408158	0.508	0	0.000
CTG, 7.62MM X 39 FOR AK47		0	0.000	0	0.000	0	0.000	0	0.000
TOTAL VALUE			0.000		0.036		11.827		6.493

(010151)

(TOTAL COST IN MILLIONS OF DOLLARS)

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ | P-1 NOMENCLATURE: | RCN 01-107-1  
 PROCUREMENT, MARINE CORPS, BA 01 | CTG, 7.62MM 4 & 1 LINKED

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	11,131,523	9,398,566	13,680,193	13,591,159	11,060,601	0
COST (M\$)	0.000	0.000	7.845	5.656	8.812	8.951	7.443	0.000

This ammunition is for the 7.62mm machine gun and consists of two (2) types of cartridges (the M80 standard ball and the M62 standard tracer) which are linked to a belt, 4 standard ball rounds to 1 standard tracer round. The ball cartridge is intended for use against personnel and unarmored targets. The tracer round permits visible observation of the trajectory and point of impact of fired rounds.

This is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty			
Consumption	17766573	16805064	16805064
Loss	268991	214885	163825
Gains	0	0	10203896

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	7.845	5.656	8.812	8.951	7.443	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	7.845	5.656	8.812	8.951	7.443	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
 CTG, 7.62MM 4 & 1 LINKED

DATE:  
 NSN: 1305-00-892-2150  
 ( A131 )

ELEMENT OF COST QM: EA	FY 1994 (QTY 0 )		FY 1995 (QTY 0 )		FY 1996 (QTY 11131523 )		FY 1997 (QTY 9398566 )			
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)					11131523	0.49	5407	9398566	0.45	4229
2. LINK M13					11354154	0.02	250	9586538	0.02	179
3. PROPELLANT WC846 (LB)					62337	6.50	405	52632	5.83	307
4. PROPELLANT WC846T (LB)					15585	6.50	101	13158	5.83	77
<b>SUBTOTAL</b>							6163			4792
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING							191			198
2. QUALITY ASSURANCE							9			7
3. ACCEPTANCE TESTING							71			52
4. INTERIM TRANSPORTATION							23			46
5. INDUSTRIAL STOCK SUPPORT							261			561
6. CAWCF GAIN/LOSS SURCHARGE							1127			
<b>SUBTOTAL</b>							1682			864
*****										
<b>TOTAL P-1 LINE ITEM</b>							0.70	7845	0.60	5656

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-00-892-2150

P-1 ITEM NOMENCLATURE

( A131 )

CTG, 7.62MM 4 & 1 LINKED

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

APPROPRIATION/BUDGET ACTIVITY

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	----------------------	-------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	FEB 96	OCT 96	11131523	0.49	YES	NO	NO
FY 1997	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	NOV 96	OCT 97	9398566	0.45	YES	NO	NO

2 . LINK M13

FY 1996		C/FP	IOC	APR 96	AUG 96	11354154	0.02	YES	NO	NO
FY 1997		C/FP	IOC	APR 97	AUG 97	9586538	0.02	YES	NO	NO

3 . PROPELLANT WC846 (LB)

FY 1996		C/FP	IOC	AUG 96	SEP 96	62337	6.50	YES	NO	NO
FY 1997		C/FP	IOC	AUG 97	SEP 97	52632	5.83	YES	NO	NO

4 . PROPELLANT WC846T (LB)

FY 1996		C/FP	IOC	AUG 96	SEP 96	15585	6.50	YES	NO	NO
FY 1997		C/FP	IOC	AUG 97	SEP 97	13158	5.83	YES	NO	NO

REMARKS:

LINE ITEM 4 - \*\* PACING COMPONENT LINE ITEM 4 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: A131

ITEM: CTG, 7.62MM 4 & 1 LINKED  
MODEL NO: M80/M62

PM: AM  
RCN: 03011071

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		2,506,811	10,847,171	6,805,936	20,159,918
FORCES AFLOAT				11,409,444	11,409,444
SUBTOTAL					31,569,362

2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		5,757,575	17,672,047	1,377,697	24,807,319
FORCES AFLOAT				8,672,544	8,672,544
SUBTOTAL					33,479,863

MRC TOTALS 65,049,225

3 SPECIAL MISSION FORCES 28,417

4 PEACETIME OPERATING STOCKS 7,574,697

5 TRAINING REQUIREMENT 19,904,080

6 GEO PREPOSITIONED

NALMEB	897,600
GITMO	231,855
WRSA	
TOTAL	1,129,455

7 RESIDUAL 5,207,265

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 33,843,914

8,264,386 28,519,218 28,265,621 98,893,139

MPS BREAKOUT

MPS 1	2,133,600
MPS 2	2,133,600
MPS 3	2,133,600

206

PROCUREMENT OBJECTIVE: 98893139  
 ACQUISITION OBJECTIVE: 98893139  
 LEADTIME: 13  
 DODIC: A131  
 DESCRIPTION: CTG, 7.62MM 4 & 1 LINKED  
 \*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.7000	\$0.6000
TOTAL PRICE:	\$0	\$0	\$0	\$7,845,000	\$5,656,000
FY BUDGET QTY:	0	0	0	11131523	9398566
GAINS:					
FDP DELIVERIES:	0	0	0	0	10203896
OTHER ( 93 & PRIOR)	22002000	22002000	0	0	0
TOTAL:	22002000	22002000	0	0	10203896
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	13998676	17766573	17766573	16805064	16805064
WASHOUT:	245719	268991	268991	214885	163825
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	14244395	18035564	18035564	17019949	16968889
NET CHANGE (+/-)	7757605	-18035564	-17019949	-17019949	-6764993
ASSET POSITION:					
STD SERVICEABLE:	81906220	89663825	71628261	54608312	47843319
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	81906220	89663825	71628261	54608312	47843319
\$ VALUE:	\$0	\$0	\$0	\$38,225,818	\$28,705,992
RECOMMENDED BUY QTY	16986919	9229314	27264878	44284827	51049820
\$ VALUE:	\$0	\$0	\$0	\$30,999,379	\$30,629,892
DEFICIENCY A.O.	16986919	9229314	27264878	44284827	51049820
\$ VALUE:	\$0	\$0	\$0	\$30,999,379	\$30,629,892
PERCENT OF OBJECTIVE:	83%	91%	72%	55%	48%





BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:

CTG, 7.62MM BALL LINKED

APPROPRIATION/

PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	2,872,095	0	0	0	0	0
COST (M\$)	0.000	0.000	1.900	0.000	0.000	0.000	0.000	0.000

This ammunition is for the 7.62mm machine gun and is used for training during fire conditions. It consists of M80 standard ball linked ammunition. For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	450901	974483	1352702
Loss	4298	2932	0
Gains	0	0	2632754

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	1.900	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	1.900	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST

ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-098-9652  
( A143 )

P-1 ITEM NOMENCLATURE:  
CTG, 7.62MM BALL LINKED

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 ) FY 1995 (QTY		0 ) FY 1996 (QTY		2872095 ) FY 1997 (QTY		0 )			
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
<b>HARDWARE</b>												
1. LOAD, ASSEMBLE, AND PACK (LAP)					2872095	0.45	1299					
2. PROPELLANT WC846 (LB)					19818	6.50	129					
3. LINK M13					2929537	0.02	64					
<b>SUBTOTAL</b>							1492					
<b>PRODUCT</b>												
1. PRODUCTION ENGINEERING											46	
2. QUALITY ASSURANCE											2	
3. ACCEPTANCE TESTING											17	
4. INTERIM TRANSPORTATION											6	
5. INDUSTRIAL STOCK SUPPORT											64	
6. CAWCF GAIN/LOSS SURCHARGE											273	
<b>SUBTOTAL</b>											408	
*****												
<b>TOTAL P-1 LINE ITEM</b>										0.66		1900

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY  
P-1 ITEM NOMENCLATURE  
NSN: 1305-01-098-9652

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01  
CTG, 7.62MM BALL LINKED  
( A143 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS AVAIL REV	SPECS IF YES WHEN REQD AVAIL
1 .	LOAD, ASSEMBLE, AND PACK (LAP)									
FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	MAR 96	OCT 96	2872095	0.45	YES	NO	
2 .	PROPELLANT WC846 (LB)									
FY 1996	OLIN ST MARKS, FL	SS/FP	IOC	AUG 96	SEP 96	19818	6.50	YES	NO	
3 .	LINK M13									
FY 1996		C/FP	IOC	APR 96	AUG 96	2929537	0.02	YES	NO	

REMARKS:

LINE ITEM 3 - \*\* PACING COMPONENT LINE ITEM 3 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

A143

ITEM: CTG, 7.62MM BALL LINKED  
MODEL NO: M80

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 1,352,702

6 GEO PREPOSITIONED  
NALMEB  
GITMO  
WRSA

7 RESIDUAL 1,681,272

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 3,033,974

MPS BREAKOUT  
MPS 1  
MPS 2  
MPS 3

2-13

ASSET DYNAMICS

DATE: 03/13/96

PROCUREMENT OBJECTIVE: 3033974  
 ACQUISITION OBJECTIVE: 3033974  
 LEADTIME : 13

DODIC: A143  
 DESCRIPTION: CTG, 7.62MM BALL LINKED

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.6600	\$0.0000
TOTAL PRICE:	\$0	\$0	\$0	\$1,900,000	\$0
FY BUDGET QTY:				2872095	0
GAINS:					
FDP DELIVERIES:					
OTHER ( 93 & PRIOR)	0	0	0	0	2632754
TOTAL:	0	0	0	0	2632754
LOSSES:					
COMBAT:					
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	0	0	0
WASHOUT:	0	0	450901	974438	1352702
SALES:	0	0	4298	2932	0
OTHER:	0	0	0	0	0
TOTAL:	0	0	455199	977370	1352702
NET CHANGE (+/-)	0	0	-455199	-977370	1280052
ASSET POSITION:					
STD SERVICEABLE:	0	1432569	977370	0	1280052
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	0	1432569	977370	0	1280052
\$ VALUE:	\$0	\$0	\$0	\$0	\$0
RECOMMENDED BUY QTY					
\$ VALUE:	\$0	1601405	2056604	3033974	1753922
DEFICIENCY A.O.					
\$ VALUE:	\$0	1601405	2056604	3033974	1753922
PERCENT OF OBJECTIVE:	0%	47%	32%	0%	42%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:  
 CTG, 7.62MM BALL MATCH  
 RCN 01-128-1

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01								
QUANTITY	0	48,230	1,662,479	0	0	0	0	0
COST (M\$)	0.000	0.036	1.574	0.000	0.000	0.000	0.000	0.000

This item is used for match shooting and rifle teams. This is a training unique item.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty	350000	350000	350000
Consumption	806	5483	5070
Loss	1909722	217822	1527958

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.036	1.574	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.036	1.574	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-120-0970  
( A171 )

P-1 ITEM NOMENCLATURE:  
CTG, 7.62MM BALL MATCH

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		48230 )		FY 1996 (QTY		1662479 )		FY 1997 (QTY		0 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
<b>HARDWARE</b>																
1. LOAD, ASSEMBLE, AND PACK (LAP)				48230	0.42	20			1662479	0.53	874					
2. PROPELLANT IMR 4895 (LB)				324	25.94	8			11139	30.70	342					
3. BOX METAL M2A1				107	5.57	1			3658	5.62	21					
<b>SUBTOTAL</b>						29					1237					
<b>PRODUCT</b>																
1. PRODUCTION ENGINEERING						1					38					
2. QUALITY ASSURANCE											2					
3. ACCEPTANCE TESTING						1					14					
4. INTERIM TRANSPORTATION											5					
5. INDUSTRIAL STOCK SUPPORT						3					52					
6. CAWCF GAIN/LOSS SURCHARGE						2					226					
<b>SUBTOTAL</b>						7					337					
*****																
TOTAL P-1 LINE ITEM					0.75	36				0.95	1574					
*****																

2-17

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE NSN: 1305-01-120-0970

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 7.62MM BALL MATCH ( A171 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 OLIN CORP INDEPENDENCE, MO		SS/CPAF	IOC	NOV 94	NOV 95	48230	0.42	YES	NO
FY 1996 OLIN CORP INDEPENDENCE, MO		SS/CPAF	IOC	MAR 96	OCT 96	1662479	0.53	YES	NO

2 . PROPELLANT IMR 4895 (LB)

FY 1995 OLIN ST MARKS, FL		SS/FP	IOC	JAN 95	JUL 95	324	25.94	YES	NO
FY 1996 OLIN ST MARKS, FL		SS/FP	IOC	AUG 96	SEP 96	11139	30.70	YES	NO

3 . BOX METAL M2A1

FY 1995 BROCKWAY STANDARD HOMERVILLA, GA		C/FP	IOC	JUL 95	OCT 95	107	5.57	YES	NO
FY 1996 BROCKWAY STANDARD HOMERVILLA, GA		C/FP	IOC	MAY 96	SEP 96	3658	5.62	YES	NO

REMARKS:

LINE ITEM 3 - \*\* PACING COMPONENT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011281

ITEM: CTG, 7.62MM BALL MATCH  
MODEL NO: M852

A171

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

TOTAL

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

1,110,515

1,110,515

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

7 RESIDUAL

608,501

608,501

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

1,719,016

1,719,016

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 1719016 DODIC: A171  
 ACQUISITION OBJECTIVE: 1719016 DESCRIPTION: CTG, 7.62MM BALL MATCH  
 LEADTIME: 13  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.4800	\$0.7500	\$0.9500	\$0.0000
TOTAL PRICE:	\$1,000,000	\$36,000	\$1,574,000	\$0
FY BUDGET QTY:	2083333	48230	1662479	0
GAINS:				
FDP DELIVERIES:	0	1909722	217822	1527958
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	1909722	217822	1527958
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	409138	350000	350000	350000
WASHOUT:	2040	806	5483	5070
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	411178	350806	355483	355070
NET CHANGE (+/-)	-411178	1558915	-137661	1172888
ASSET POSITION:				
STD SERVICEABLE:	680009	1827746	1690085	2862973
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	680009	1827746	1690085	2862973
\$ VALUE:	\$0	\$1,370,810	\$1,605,581	\$0
RECOMMENDED BUY QTY	1039007	-108730	28931	-1143957
\$ VALUE:	\$0	(\$81,548)	\$27,484	\$0
DEFICIENCY A.O.	1039007	-108730	28931	-1143957
\$ VALUE:	\$0	(\$81,548)	\$27,484	\$0
PERCENT OF OBJECTIVE:	40%	106%	98%	167%



PRODUCTION SCHEDULE (EXHIBIT P-21)

IP-1 ITEM NOMENCLATURE: CTG, 7.62MM BALL MATCH

DATE: \_\_\_\_\_

DDIC: A171

FISCAL YEAR 1998

F Y	S E R	PROGRAM QUANTITY	CALENDAR YEAR 1998																				
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC									
95P	96	97	98																				
TOTAL MONTHLY PROD			2.42	2.95	1.21	.05																	

FACT MANUFACTURER NAME & LOCATION	NO.	MINIMUM	MAXIMUM	MONTHS TO MAX DAY	INDEPENDENCE MO	PROCUREMENT LEAD TIME				REORDER	INITIAL	PRI	ADMIN LEAD TIME		AFTER	REMARKS	
						OCT	NOV	DEC	JAN				OCT	NOV			PRODUCTION
LAKE CITY AAP	1	0.00	7.96	27.89	5.00	6.00	2.00	11.00	13.00	6.00	2.00	11.00	13.00				

QUANTITY IN MILLIONS

Page

2-22

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 CTG, 7.62MM BALL SPECIAL

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	1,254,226	0	0	0	0
COST (M\$)	0.000	0.000	0.000	0.837	0.000	0.000	0.000	0.000

This item is used with 7.62mm Sniper rifle and for the rifle teams.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	0	0	0
Loss	0	0	0
Gains	0	0	0

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.837	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.837	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-064-2896  
( A136 )

P-1 ITEM NOMENCLATURE:  
CTG, 7.62MM BALL SPECIAL

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		0 )		FY 1996 (QTY		0 )		FY 1997 (QTY		1254226 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	TOTAL
<b>HARDWARE</b>																
1. LOAD, ASSEMBLE, AND PACK (LAP)																618
2. BOX METAL M2A1																14
3. PROPELLANT WC750 (LB)																49
<b>SUBTOTAL</b>																<b>681</b>
<b>PRODUCT</b>																
1. PRODUCTION ENGINEERING																31
2. QUALITY ASSURANCE																1
3. ACCEPTANCE TESTING																7
4. INTERIM TRANSPORTATION																6
5. INDUSTRIAL STOCK SUPPORT																28
6. CAWCF GAIN/LOSS SURCHARGE																83
<b>SUBTOTAL</b>																<b>156</b>
*****																
TOTAL P-1 LINE ITEM																837

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-00-064-2896

( A136 )

P-1 ITEM NOMENCLATURE

CTG, 7.62MM BALL SPECIAL

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS REV	SPECS IF YES WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	--------------	---------------------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

0.49 YES NO

FY 1997 OLIN CORP  
INDEPENDENCE, MO

SS/CPAF

IOC

NOV 96 OCT 97

1254226

2 . BOX METAL M2A1

5.07 YES NO

FY 1997

3 . PROPELLANT WC750 (LB)

5.83 YES NO

FY 1997 OLIN  
ST MARKS, FL

SS/FP

IOC

AUG 97 SEP 97

8404

REMARKS:

LINE ITEM 3 - \*\* PACING COMPONENT LINE ITEM 3 - TBS - To Be Selected

PROCUREMENT OBJECTIVE: 1502623  
 ACQUISITION OBJECTIVE: 1502623  
 LEADTIME : 13  
 \*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 DODIC: A136  
 DESCRIPTION: CTG, 7.62MM BALL SPECIAL  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.6700
TOTAL PRICE:	\$0	\$0	\$0	\$837,000
FY BUDGET QTY:	0	0	0	1254226
GAINS:				
FDP DELIVERIES:	0	0	0	0
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	0	0	0
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	0	0	0	0
WASHOUT:	0	0	0	0
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	0	0	0	0
NET CHANGE (+/-)				
ASSET POSITION:				
STD SERVICEABLE:	0	0	0	0
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	0	0	0	0
\$ VALUE:	\$0	\$0	\$0	\$0
RECOMMENDED BUY QTY	1502623	1502623	1502623	1502623
\$ VALUE:	\$0	\$0	\$0	\$1,006,757
DEFICIENCY A.O.	1502623	1502623	1502623	1502623
\$ VALUE:	\$0	\$0	\$0	\$1,006,757
PERCENT OF OBJECTIVE:	0%	0%	0%	0%

BUDGET ITEM JUSTIFICATION SHEET

APPROPRIATION/ | P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 | CTIG, 7.62MM X 39 FOR AK47

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	408,158	0	0	0	0	0
COST (M\$)	0.000	0.000	0.508	0.000	0.000	0.000	0.000	0.000

This training unique item is used in the AK-47 for training and familiarization.

For FY96 this is a Single Manager for Conventional Ammunition managed buy.

Projected Qty	FY95	FY96	FY97
Consumption	88166	0	120216
Loss	265	0	0
Gains	0	0	374145

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.508	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.508	0.000	0.000	0.000	0.000	0.000

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-182-3096  
( A102 )

P-1 ITEM NOMENCLATURE:  
CTG, 7.62MM X 39 FOR AK47

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994		FY 1995		FY 1996		FY 1997		TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	
HARDWARE									
1. LOAD, ASSEMBLE AND PACK					408158	1.06			433
2. PROPELLANT WC687 (LB)					2817	6.42			18
SUBTOTAL									451
PRODUCT									
1. PRODUCTION ENGINEERING									14
2. QUALITY ASSURANCE									1
3. ACCEPTANCE TESTING									5
4. INTERIM TRANSPORTATION									2
5. INDUSTRIAL STOCK SUPPORT									19
7. START-UP									16
SUBTOTAL									57
*****									
TOTAL P-1 LINE ITEM						1.24			508

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-00-182-3096  
CTG, 7.62MM X 39 FOR AK47 ( A102 )

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
1 .	LOAD, ASSEMBLE AND PACK	SS/CPAF	IOC	MAY 96	APR 97	408158	1.06	YES	NO	
FY 1996	OLIN CORP INDEPENDENCE, MO									
2 .	PROPELLANT WC687 (LB)	SS/FP	IOC	AUG 96	MAR 97	2817	6.42	YES	NO	
FY 1996	OLIN ST MARKS, FL									

REMARKS:

LINE ITEM 2 - \*\* PACING COMPONENT

P20A DISPLAY FOR DODIC: A102  
ITEM: CTG, 7.62MM X 39 FOR AK-47  
MODEL NO:  
INVENTORY OBJECTIVE QUANTITIES  
POST D-DAY CONSUMPTION  
INITIAL ISSUE OF EQUIPMENT  
PHASE I PHASE II PHASE III  
TOTAL

MAJOR REGIONAL CONFLICT "A"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL  
120,216

MAJOR REGIONAL CONFLICT "B"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL  
120,216

MRC TOTALS  
120,216

3 SPECIAL MISSION FORCES  
120,216

4 PEACETIME OPERATING STOCKS  
120,216

5 TRAINING REQUIREMENT  
120,216

6 GEO PREPOSITIONED  
NALMEB  
GITMO  
WRSA  
65,872

7 RESIDUAL  
65,872

8 REGENERATION  
186,088

APPROVED ACQUISITION OBJECTIVE  
186,088

MPS BREAKOUT  
MPS 1  
MPS 2  
MPS 3  
2-32



THIS PAGE INTENTIONALLY LEFT BLANK

(P-1 NOMENCLATURE:  
50 CAL, ALL TYPES

APPROPRIATE  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	7.324	44.050	6.052	9.538	54.755	43.053	14.464

This P-40 combines all cartridge .50 caliber rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

.50 Caliber, All Types correlates to PANMC P-1 Number 21.

BUDGET ITEM JUSTIFICATION SHEET

DATE:

RCN 01-136-1

P-1 NOMENCLATURE:

CTG, CAL .50 4 & 1 LINKED

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	8,723,246	1,891,605	3,065,567	6,344,572	4,057,551	3,037,613
COST (M\$)	0.000	0.000	27.500	5.558	9.261	19.595	12.807	9.799

This round is for use in the M2 .50 caliber machine gun against light armor targets. The rounds are belted with closed loop links at the rate of 4 Armor Piercing Incendiary (API) M8 to 1 Armor Piercing Incendiary Traced (API-T) M20. The API M8 cartridge when fired will penetrate 7/8 inch thick homogenous armor plate at 100 yards. The API-T M20 cartridge has the same penetration ability of the M8 cartridge, and has a tracer element that becomes visible at 100 yds.

This is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	4823337	4823337	4823337
Loss	81942	67227	52555
Gain	0	0	7996309

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	27.500	5.558	9.261	19.595	12.807	9.799
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	27.500	5.558	9.261	19.595	12.807	9.799

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-028-6603  
( A576 )

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 4 & 1 LINKED

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		0 )		FY 1996 (QTY		8723246 )		FY 1997 (QTY		1891605 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
<b>HARDWARE</b>																
1. LOAD, ASSEMBLE, AND PACK (LAP)									8723246	2.07	18046		1891605	2.00	3780	
2. BOX METAL M2A1									88978	5.62	500		19295	5.07	98	
3. LINK M9									8801756	0.06	568		1908630	0.06	108	
4. PROPELLANT WC860 (LB)									246868	6.50	1604		53533	5.83	312	
5. PROP IMR 5010 (LB)									58446	15.15	886		12674	17.74	225	
<b>SUBTOTAL</b>											21604				4523	
<b>PRODUCT</b>																
1. PRODUCTION ENGINEERING											670				207	
2. QUALITY ASSURANCE											30				6	
3. ACCEPTANCE TESTING											248				49	
4. INTERIM TRANSPORTATION											82				43	
5. INDUSTRIAL STOCK SUPPORT											917				179	
6. CAWCF GAIN/LOSS SURCHARGE											3949				551	
<b>SUBTOTAL</b>											5896				1035	
*****																
TOTAL P-1 LINE ITEM											3.15	27500	2.94	5558		

3-4

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-00-028-6603

( A576 )

P-1 ITEM NOMENCLATURE

CTG, CAL .50 4 & 1 LINKED

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	SPECS IF YES WHEN AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)										
FY 1996	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	MAR 96	APR 97	8723246	2.07	YES	NO	
FY 1997	OLIN CORP INDEPENDENCE, MO	SS/CPAF	IOC	NOV 96	OCT 97	1891605	2.00	YES	NO	
2 . BOX METAL M2A1										
FY 1996		C/FP	IOC	MAY 96	JUL 96	88978	5.62	YES	NO	
FY 1997		C/FP	IOC	JAN 97	JUL 97	19295	5.07	YES	NO	
3 . LINK M9										
FY 1996		C/FP	IOC	JUN 96	JUL 96	8801756	0.06	YES	NO	
FY 1997		C/FP	IOC	JAN 97	JUL 97	1908630	0.06	YES	NO	
4 . PROPELLANT WC860 (LB)										
FY 1996	OLIN ST MARKS, FL	SS/FP	IOC	AUG 96	SEP 96	246868	6.50	YES	NO	
FY 1997	OLIN ST MARKS, FL	SS/FP	IOC	AUG 97	SEP 97	53533	5.83	YES	NO	
5 . PROP IMR 5010 (LB)										
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/FP	IOC	AUG 96	SEP 96	58446	15.15	YES	NO	
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/FP	IOC	AUG 97	SEP 97	12674	17.74	YES	NO	

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011361

ITEM: CTG, CAL .50 4 & 1 LINKED  
MODEL NO: M8/M20

A576

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		4,244,689	17,904,412	7,798,065	29,947,166
FORCES AFLOAT				12,761,489	12,761,489
SUBTOTAL					42,708,655
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		3,031,931	9,079,951	1,645,872	13,757,754
FORCES AFLOAT				5,523,605	5,523,605
SUBTOTAL					19,281,359
MRC TOTALS					61,990,014
3 SPECIAL MISSION FORCES	14,630				14,630
4 PEACETIME OPERATING STOCKS	2,877,144				2,877,144
5 TRAINING REQUIREMENT	4,823,337				4,823,337
6 GEO PREPOSITIONED					
NALMEB	296,400				296,400
GITMO	59,317				59,317
WRSB					
7 RESIDUAL	2,203,100				2,203,100
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	10,273,928	7,276,620	26,984,363	27,729,031	72,263,942

MPS BREAKOUT

MPS 1	987,400	987,400	987,400
MPS 2	987,400	987,400	987,400
MPS 3	987,400	987,400	987,400

3-7

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 72263942  
 ACQUISITION OBJECTIVE: 72263942  
 LEADTIME : 13

DODIC: A576  
 DESCRIPTION: CTG, CAL .50 4 & 1 LINKED

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
<b>BUY SUMMARY:</b>				
UNIT PRICE:	\$0.0000	\$0.0000	\$3.1500	\$2.9400
TOTAL PRICE:	\$0	\$0	\$27,500,000	\$5,558,000
FY BUDGET QTY:	0	0	8723246	1891605
<b>GAINS:</b>				
FDP DELIVERIES:	0	0	0	7996309
OTHER ( 93 & PRIOR):	5781400	0	0	0
TOTAL:	5781400	0	0	7996309
<b>LOSSES:</b>				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	3428990	4823337	4823337	4823337
WASHOUT:	75111	81942	67227	52555
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	3504101	4905279	4890564	4875892
<b>NET CHANGE (+/-)</b>	2277299	-4905279	-4890564	3120417
<b>ASSET POSITION:</b>				
STD SERVICEABLE:	25036837	22408857	17518294	20638710
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	25036837	22408857	17518294	20638710
\$ VALUE:	\$0	\$0	\$55,182,625	\$60,677,809
<b>RECOMMENDED BUY QTY</b>				
\$ VALUE:	47227105	49855085	54745648	51625232
	\$0	\$0	\$172,448,793	\$151,778,181
<b>DEFICIENCY A.O.</b>				
\$ VALUE:	47227105	49855085	54745648	51625232
	\$0	\$0	\$172,448,793	\$151,778,181
<b>PERCENT OF OBJECTIVE:</b>	35%	31%	24%	29%

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			1995				1996				1997				1998				1999				2000				2001											
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	OLIN CORP. ST PETERSBURG, FL	95P	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	LAKE CITY AAP, INDEPENDENCE MO	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	LAKE CITY AAP, INDEPENDENCE MO	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	LAKE CITY AAP, INDEPENDENCE MO	9.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
1	LAKE CITY AAP, INDEPENDENCE MO	54.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MONTHLY PROD			11.7												11.7												11.7											

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	PRODUCTION RATES		MONTHS TO		PROCUREMENT LEAD TIME				REMARKS
			MINIMUM	MAXIMUM	MAX	AFTER	ADMIN	PROD	INITIAL	REORDER	
1	OLIN CORP. ST PETERSBURG, FL	9.80	0.70	1.00	1.00	0.00	6.00	2.00	11.00	13.00	INITIAL REORDER
2	LAKE CITY AAP, INDEPENDENCE MO	54.0	0.00	1.14	3.96	0.00	6.00	2.00	11.00	13.00	INITIAL REORDER

APPROPRIATION/BUDGET: MARINE CORPS, BA 01

CALENDAR YEAR 1996: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC

CALENDAR YEAR 1997: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC

CALENDAR YEAR 1998: JAN, FEB, MAR, APR, MAY, JUN, JUL, AUG, SEP, OCT, NOV, DEC

QUANTITY IN MILLIONS

3-9

BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:

CTG, CAL .50 API SNIPER RIFLE

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	62,216	0	0	0	0
COST (M\$)	0.000	0.000	0.000	0.494	0.000	0.000	0.000	0.000

This item is armor piercing incendiary used in the .50 caliber sniper rifle for use against light armor vehicles and personnel carriers.

For FY97 this is a non-Single Manager for Conventional Ammunition managed item and is not being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty	18382	18382	18382
Consumption	188	132	77
Loss	0	0	0
Gain			

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.494	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.494	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-250-8162  
( A606 )

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 API SNIPER R

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		0 )		FY 1996 (QTY		0 )		FY 1997 (QTY		62216 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
HARDWARE																
1. COMPLETE ROUND													62216	7.94	494	
SUBTOTAL															494	
PRODUCT																
1. COMPLETE ROUND																
2. QUALITY ASSURANCE																
3. ACCEPTANCE TESTING																
4. INTERIM TRANSPORTATION																
SUBTOTAL																
*****																
TOTAL P-1 LINE ITEM														7.94	494	

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 CTG, CAL .50 BALL LINKED RCN 01-139-1

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	499,798	664,461	0	121,694	2,111,334	627,394	0
COST (M\$)	0.000	0.965	1.626	0.000	0.277	4.913	1.492	0.000

This cartridge is used in the M2 .50 caliber machine gun. This is a training unique item for the Marine Corps and is utilized for training in areas where the use of tracer ammunition is forbidden due to fire conditions (arid areas).

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	450000	450000	450000
Loss	2142	785	972
Gains	602408	512912	650739

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.965	1.626	0.000	0.277	4.913	1.492	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.965	1.626	0.000	0.277	4.913	1.492	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-028-6574  
( A555 )

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 BALL LINKED

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)			499798	1.23	614	1.58	664461	1.58	1051	
2. BOX METAL M2A1			5098	5.57	28	5.62	6778	5.62	38	
3. LINK M9			509794	0.07	34	0.06	670442	0.06	43	
4. PROPELLANT WC860 (LB)			16939	6.28	106	6.50	22393	6.50	145	
<b>SUBTOTAL</b>					782				1277	
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING					31				40	
2. QUALITY ASSURANCE					1				2	
3. ACCEPTANCE TESTING					36				15	
4. INTERIM TRANSPORTATION					5				5	
5. INDUSTRIAL STOCK SUPPORT					47				54	
6. CAWCF GAIN/LOSS SURCHARGE					63				233	
<b>SUBTOTAL</b>					183				349	
*****										
<b>TOTAL P-1 LINE ITEM</b>				1.93	965	2.45			1626	

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-00-028-6574

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, CAL .50 BALL LINKED

( A555 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD	WHEN AVAIL

REMARKS:

LINE ITEM 3 - TBS - To Be Selected LINE ITEM 4 - \*\* PACING COMPONENT

3-19

Page

EXHIBIT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

A555

ITEM: CTG, CAL .50 BALL LINKED  
MODEL NO: M33

PM: AM  
RCN: 03011391

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

1,171,852

1,171,852

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

7 RESIDUAL

642,111

642,111

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

1,813,963

1,813,963

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 1813963  
 ACQUISITION OBJECTIVE: 1813963  
 LEADTIME: 13

DODIC: A555  
 DESCRIPTION: CTG, CAL .50 BALL LINKED

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$1.1900	\$1.9300	\$2.4500	\$0.0000
TOTAL PRICE:		\$782,000	\$965,000	\$1,626,000	\$0
FY BUDGET QTY:		657172	499798	664461	0
GAINS:					
FDP DELIVERIES:		0	602408	512912	650739
OTHER ( 93 & PRIOR)		739200	0	0	0
TOTAL:		739200	602408	512912	650739
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		62157	450000	450000	450000
WASHOUT:		111	2142	785	972
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		62268	452142	450785	450972
NET CHANGE (+/-)		676932	-452142	62127	199767
ASSET POSITION:					
STD SERVICEABLE:	37000	713932	261790	323917	523685
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	37000	713932	261790	323917	523685
\$ VALUE:	\$0	\$849,579	\$505,255	\$793,597	\$0
RECOMMENDED BUY QTY	1776963	1100031	1552173	1490046	1290278
\$ VALUE:	\$0	\$1,309,037	\$2,995,693	\$3,650,612	\$0
DEFICIENCY A.O.	1776963	1100031	1552173	1490046	1290278
\$ VALUE:	\$0	\$1,309,037	\$2,995,693	\$3,650,612	\$0
PERCENT OF OBJECTIVE:	2%	39%	14%	18%	29%

FAC NO	MANUFACTURER NAME & LOCATION	PRODUCTION QUANTITY				CALENDAR YEAR												FISCAL YEAR									
		FY 96		FY 97		FY 98		FY 99		1995		1996		1997		1998		1998		1998							
		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC		
1	OLIN CORP, ST PETERSBURG, FL	0.00				0.00				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00			
		0.05				0.05				0.05		0.05		0.01		0.01		0.01		0.01		0.01		0.01			
		0.71				0.08				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
		2.00				3.00				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
2	LAKE CITY AAP, INDEPENDENCE MO	0.00				0.00				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
		0.58				0.08				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
		19.00				0.71				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
		17.00				0.71				0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00		0.00	
TOTAL MONTHLY PROD		1.50				1.23				1.18		1.18		1.12		1.12		1.12		1.12		1.12		1.12		1.12	
FAC		PRODUCTION RATES										MONTHS TO MAX AFTER DAY															
MINIMUM		185					MAXIMUM					185					MAXIMUM										
1		0.70					0.83					1.00					0.00										
2		0.00					5.98					20.77					5.00										

REMARKS:  
 PACING COMPONENT (Q/M=THOUSAND/LB)  
 INITIAL REORDER  
 QUANTITY IN MILLIONS

BUDGET ITEM JUSTIFICATION SHEET

DATE:

RCN 01-138-1

APPROPRIATION/ P-1 NOMENCLATURE:

PROCUREMENT, MARINE CORPS, BA 01 CTG, CAL .50 DUMMY FOR M2

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	11,788	0	0	0	0	0	0
COST (M\$)	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000

This item is a dummy round used for function checks and familiarization training.

For FY95 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	2000	2000	2000
Loss	32	26	53
Gain	0	10806	982

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.034	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST

ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-00-028-6384  
( A560 )

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 DUMMY FOR M2

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY		UNIT COST	TOTAL	UNIT COST	TOTAL
	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL	QTY	TOTAL				
HARDWARE												
-----												
1. LOAD, ASSEMBLE, AND PACK (LAP)			11788	2.29	27							
2. BOX METAL M2A1			101	5.57	1							
SUBTOTAL					28							
PRODUCT												
-----												
1. PRODUCTION ENGINEERING					1							
2. QUALITY ASSURANCE												
3. ACCEPTANCE TESTING					1							
4. INTERIM TRANSPORTATION												
5. INDUSTRIAL STOCK SUPPORT					2							
6. CMCWF GAIN/LOSS SURCHARGE					2							
SUBTOTAL					6							
*****												
TOTAL P-1 LINE ITEM				2.88	34							

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-00-028-6384

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, CAL .50 DUMMY FOR M2

( A560 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 OLIN CORP  
INDEPENDENCE, MO

SS/CPAF

IOC

FEB 95 SEP 96

11788

2.29

YES NO

2 . BOX METAL M2A1

FY 1995 BROCKWAY STANDARD  
HOMERVILLA, GA

C/FP

IOC

AUG 95 FEB 96

101

5.57

YES NO

REMARKS:

3-25

Page

EXHIBIT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011381

ITEM: CTG, CAL .50 DUMMY FOR M2  
MODEL NO: M2

A560

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT      POST D-DAY CONSUMPTION

TOTAL      PHASE I      PHASE II      PHASE III      TOTAL

1- MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
MRC TOTALS					
3 SPECIAL MISSION FORCES					
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	6,873				6,873
6 GEO PREPOSITIONED					
NALMEB					
GITMO					
WRSA					
7 RESIDUAL	3,766				3,766
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	10,639				10,639

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

3-26

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 10639 DODIC: A560  
 ACQUISITION OBJECTIVE: 10639 DESCRIPTION: CTG, CAL .50 DUMMY FOR M2  
 LEADTIME: 13

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$2.8800	\$0.0000	\$0.0000
TOTAL PRICE:		\$0	\$34,000	\$0	\$0
FY BUDGET QTY:		0	11788	0	0
GAINS:					
FDP DELIVERIES:		0	0	10806	982
OTHER ( 93 & PRIOR)		0	0	0	0
TOTAL:		0	0	10806	982
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		1469	2000	2000	2000
WASHOUT:		37	32	26	53
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		1506	2032	2026	2053
NET CHANGE (+/-)		-1506	-2032	8779	-1070
ASSET POSITION:					
STD SERVICEABLE:	12319	10813	8781	17560	16490
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	12319	10813	8781	17560	16490
\$ VALUE:	\$0	\$0	\$25,288	\$0	\$0
RECOMMENDED BUY QTY	-1680	-174	1858	-6921	-5851
\$ VALUE:	\$0	\$0	\$5,352	\$0	\$0
DEFICIENCY A.O.	-1680	-174	1858	-6921	-5851
\$ VALUE:	\$0	\$0	\$5,352	\$0	\$0
PERCENT OF OBJECTIVE:	116%	102%	83%	165%	155%

PRODUCT SCHEDULE (EXHIBIT P-21) | IODDIC: A560 |

IP-1 ITEM NOMENCLATURE: CTG. CAL. 50 DUMMY FOR M2 | FISCAL YEAR 1998

APPROPRIATION/BUSSET MARINE CORPS. BA 01 | FISCAL YEAR 1997

FACILITY | FISCAL YEAR 1996

PROGRAM QUANTITY | FISCAL YEAR 1995

ACCP PRI TO AS OF | CALENDAR YEAR 1996

FY 96 | FY 97 | FY 98 | FY 99 | FY 00 | 1995 | 1996 | 1997 | 1998 | 1999

55P | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00 | 2.00

K SOF | K SOF | K SOF | K SOF | K SOF | K SOF | K SOF | K SOF | K SOF | K SOF

K MC | K MC | K MC | K MC | K MC | K MC | K MC | K MC | K MC | K MC

K CG | K CG | K CG | K CG | K CG | K CG | K CG | K CG | K CG | K CG

ALL | ALL | ALL | ALL | ALL | ALL | ALL | ALL | ALL | ALL

14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0 | 14.0

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00 | 0.00

MANUFACTURER NAME & LOCATION		PRODUCTION RATES		MONTHS TO DELIVER		PROCUREMENT LEAD TIME		REMARKS	QUANTITY IN THOUSANDS
		MINIMUM	MAXIMUM	BEFORE	AFTER	ADMIN LEAD TIME	PRODUCTION		
LAKE CITY AAP, INDEPENDENCE MO		0.00	0.41	5.00		PRI OCT	OCT		
						6.00	11.00		13.00
						6.00	11.00		13.00

Page

3-28

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-126-6201  
( A602 )

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 LINKED SRTA

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
HARDWARE										
1. LOAD, ASSEMBLE, AND PACK(LAP)			390000	1.00						390
2. BOX, METAL M2A1			3900	5.75						22
3. LINK M9			397800	0.06						24
4. PROPELLANT WC860 (LB)			3660	6.50						24
SUBTOTAL										460
PRODUCT										
1. PRODUCTION ENGINEERING										117
2. QUALITY ASSURANCE										15
3. ACCEPTANCE TESTING										32
SUBTOTAL										164
*****										
TOTAL P-1 LINE ITEM				1.60						624

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-01-126-6201  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, CAL .50 LINKED SRGA

( A602 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	NOW	YES	NO	SPECS AVAIL	IF YES REV	WHEN REQD	AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)														
FY 1995	OLIN CORP INDEPENDENCE, MO	SS/CPAF	AMCCOM	APR 95	OCT 96	390000	1.00	YES		NO				
2 . BOX, METAL M2A1														
FY 1995	BROCKWAY STANDARD HOMERVILLA, GA	C/FP	AMCCOM	MAY 93	JUL 93	3900	5.75	YES		NO				
3 . LINK M9														
FY 1995	UNKNOWN	C/FP	AMCCOM	APR 95	OCT 95	397800	0.06	YES		NO				
4 . PROPELLANT WC860 (LB)														
FY 1995	OLIN CORP INDEPENDENCE, MO	SS/FP	AMCCOM	JUL 95	SEP 95	3660	6.50	YES		NO				

REMARKS:

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

ITEM: CTG, CAL .50 LINKED SRTA  
MODEL NO: M858/M860

A602

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 250,000

6 GEO PREPOSITIONED  
NALMEB  
GITMO  
WRSA

7 RESIDUAL 136,986

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 386,986

=====

MPS BREAKOUT  
MPS 1  
MPS 2  
MPS 3

3-32

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 386986 DODIC: A602  
 ACQUISITION OBJECTIVE: 386986 DESCRIPTION: CTG, CAL .50 LINKED SRTA  
 LEADTIME : 18

\*\*\*\*\*  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$1.6000	\$0.0000	\$0.0000
TOTAL PRICE:	\$0	\$0	\$624,000	\$0	\$0
FY BUDGET QTY:			390000		
GAINS:					
FDP DELIVERIES:	0	0	0	195000	195000
OTHER ( 93 & PRIOR)	0	0	0	0	0
TOTAL:				195000	195000
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACE TIME:			250000	250000	250000
WASHOUT:	1206	1206	1202	449	282
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	1206	1206	251202	250449	250282
NET CHANGE (+/-)	-1206	-1206	-251202	-55449	-55282
ASSET POSITION:					
STD SERVICEABLE:	402000	400794	149592	94143	38860
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	402000	400794	149592	94143	38860
\$ VALUE:	\$0	\$0	\$239,347	\$0	\$0
RECOMMENDED BUY QTY	-15014	-13808	237394	292843	348126
\$ VALUE:	\$0	\$0	\$379,831	\$0	\$0
DEFICIENCY A.O.	-15014	-13808	237394	292843	348126
\$ VALUE:	\$0	\$0	\$379,831	\$0	\$0
PERCENT OF OBJECTIVE:	104%	104%	39%	24%	10%

FAC NO.	U/S	M/R	PROGRAM QUANTITY				TOTAL MONTHLY PROD	CALENDAR YEAR 1996												CALENDAR YEAR 1997																							
			FY 95	FY 96	FY 97	FY 98		JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP															
1	K	MC	39.0					39.0																																			

ACCP PRT TO OF 1994 1994 1994 1994

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES			MONTHS TO MAX AFTER 6 DAY	PROCUREMENT LEAD TIME				REMARKS:			
		MINIMUM	185	MAXIMUM		ADMIN	LEAD TIME	PROD. ACTION	AFTER				
1	LAKE CITY AAP. INDEPENDENCE MO	0.10	0.60	0.10	5.00								

INITIAL				REORDER			
6.00	2.00	16.00	18.00	6.00	2.00	16.00	18.00

Page

3.34

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-332-8254  
( A518 )

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
CTG, CAL .50 SLAP 4 & 1 L

ELEMENT OF COST QM: EA	FY 1994 (QTY 0 )		FY 1995 (QTY 666000 )		FY 1996 (QTY 1800000 )		FY 1997 (QTY 0 )		
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
<b>HARDWARE</b>									
1. COMPLETE ROUND	666000	7.29	5100	6996	6.84	1800000	1800000	7.65	13770
2. BOX, METAL M2A1			48			18000	6.90	124	
<b>SUBTOTAL</b>			5148					13894	
<b>PRODUCT</b>									
1. ENGINEERING SUPPORT			350					824	
2. QUALITY ASSURANCE			50					131	
3. PROOF & ACCEPTANCE			100					75	
4. INTERIM TRANSPORTATION			31						
5. NON-RECURRING COST			22						
<b>SUBTOTAL</b>			553					1030	
*****									
<b>TOTAL P-1 LINE ITEM</b>		8.15	5701				8.29	14924	

3-36

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-01-332-8254

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, CAL .50 SLAP 4 & 1 LINKED

( A518 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
1 . COMPLETE ROUND									
FY 1995	OLIN CORP EAST ALTON, IL	SS/FP	ARDEC	SEP 95	MAY 96	666000	7.29	YES	NO
FY 1996	UNKNOWN	C/FP	IOC	SEP 96	JAN 97	1800000	7.65	YES	NO
2 . BOX, METAL M2A1									
FY 1995	UNKNOWN	C/FP	IOC	JUL 95	DEC 95	6996	6.84	YES	NO
FY 1996	UNKNOWN	C/FP	IOC	JUL 96	DEC 96	18000	6.90	YES	NO

REMARKS:

3-37

Page

EXHIBIT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03013171

ITEM: CTG, CAL .50 SLAP 4 & 1 LINKED  
MODEL NO: M903/M962

A518

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"  
FORCES ASHORE 1,831,352 1,711,857 4,339,983  
FORCES AFLOAT 2,729,377 1,428,451 1,428,451  
SUBTOTAL 2,729,377 1,428,451 5,768,434

2 MAJOR REGIONAL CONFLICT "B"  
FORCES ASHORE 1,312,258 1,315,868 4,339,983  
FORCES AFLOAT 1,681,226 2,962,587 1,428,451  
SUBTOTAL 1,681,226 2,962,587 5,768,434

MRC TOTALS 14,972,976

3 SPECIAL MISSION FORCES 6,269

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 131,904

6 GEO PREPOSITIONED 93,600  
NALMEB  
GITMO  
WRSA

7 RESIDUAL 775,905

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 1,007,678 2,993,484 4,278,455 7,701,037 15,980,654

MPS BREAKOUT  
MPS 1 384,000  
MPS 2 384,000  
MPS 3 384,000

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 15980654  
 ACQUISITION OBJECTIVE: 15980654  
 LEADTIME: 13

DODIC: A518  
 DESCRIPTION: CTG, CAL .50 SLAP 4 & 1 L

\*\*\*\*\*  
 30 SEPT 1993  
 FY 1994  
 FY 1995  
 FY 1996  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$8.1500	\$8.2900	\$0.0000
TOTAL PRICE:	\$0	\$0	\$5,701,000	\$14,924,000	\$0
FY BUDGET QTY:	0	0	666000	1800000	0
GAINS:					
FDP DELIVERIES:					
OTHER ( 93 & PRIOR)	0	0	0	610500	1705500
TOTAL:	2992000	2992000	0	610500	1705500
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	0	131904	131904
WASHOUT:	0	0	8976	8949	10358
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	0	0	8976	140853	142262
NET CHANGE (+/-)					
	2992000	2992000	-8976	469647	1563238
ASSET POSITION:					
STD SERVICEABLE:	0	2992000	2983024	3452671	5015909
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	0	2992000	2983024	3452671	5015909
\$ VALUE:	\$0	\$0	\$24,311,646	\$28,622,642	\$0
RECOMMENDED BUY QTY	15980654	12988654	12997630	12527983	10964745
\$ VALUE:	\$0	\$0	\$105,930,685	\$103,856,980	\$0
DEFICIENCY A.O.	15980654	12988654	12997630	12527983	10964745
\$ VALUE:	\$0	\$0	\$105,930,685	\$103,856,980	\$0
PERCENT OF OBJECTIVE:	0%	19%	19%	22%	31%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/PROCUREMENT, MARINE CORPS, BA 01 (P-1 NOMENCLATURE: 40MM, ALL TYPES) (ALTCODE: 011151)

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	12.359	3.855	3.210	6.591	6.743	13.968	9.634

This P-40 combines all 40mm ammunition including high explosive (HE), and training practice (TP) rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

40 MM, All Types correlates to PANMC P-1 Number 22.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994			FY - 1995			FY - 1996			FY - 1997		
		QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	
P-1 ITEM NOMENCLATURE 40MM, ALL TYPES (011151)													
(TOTAL COST IN MILLIONS OF DOLLARS)													
CTG, 40MM BLANK SALUTING		0	0.000	0.000	0	0.000	0.000	16859	0.941	0	0.000	0.000	
CTG, 40MM BLANK SALUTING		0	0.000	0.000	0	0.000	18426	0.647	0	0	0.000	0.000	
CTG, 40MM HEDP FOR M79/M203		0	0.000	4.296	291131	4.296	0	0.000	0.000	0	0.000	0.000	
CTG, 40MM HEDP LINKED FOR MK19		0	0.000	7.574	493747	7.574	0	0.000	0.000	0	0.000	0.000	
CTG, 40MM PRACTICE		0	0.000	0.489	129097	0.489	390353	2.267	1510821	0	3.210	3.210	
CTG, 40MM WHITE STAR PARACHUTE		0	0.000	0.000	0	0.000	0	0.000	0.000	0	0.000	0.000	
TOTAL VALUE			0.000	12.359				3.855				3.210	

4-2

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01 | P-1 NOMENCLATURE: | (RCN: 01-888-1)  
 CTG, 40MM BLANK SALUTING

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	16,859	0	0	0	0	0
COST (M\$)	0.000	0.000	0.941	0.000	0.000	0.000	0.000	0.000

This item is used for saluting purposes during ceremonies.

For FY96 this is a Single Manager for Conventional Ammunition Managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	2240	2240	2240
Loss	3	4	1
Gain	2500	1405	15454

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.941	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.941	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1310-00-865-9744  
( B550 )

P-1 ITEM NOMENCLATURE:  
CTG, 40MM BLANK SALUTING

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY )		FY 1995 (QTY )		FY 1996 (QTY )		FY 1997 (QTY )		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)					16859	30.07				507
2. *CTG CASE MK3					18545	46.59				864
3. *PRIMER MK22-1					17365	2.69				47
4. AMMO BOX MK3					945	70.66				67
5. PALLET MK 12-1					49	130.84				6
<b>SUBTOTAL</b>										1491
<b>PRODUCT</b>										
1. QUALITY ASSURANCE										2
2. ACCEPTANCE TESTING										17
3. INTERIM TRANSPORTATION										6
4. INDUSTRIAL STOCK SUPPORT										63
5. CAMCF GAIN/LOSS SURCHARGE										273
7. *GOVERNMENT FURNISHED MATERIAL										-911
<b>SUBTOTAL</b>										-550
*****										
TOTAL P-1 LINE ITEM						55.81				941

4-4

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1310-00-866-9744

P-1 ITEM NOMENCLATURE

( B550 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM BLANK SALUTING

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	AVAIL REQD	SPECS IF YES REV WHEN
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	--------------	---------------	--------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996 MARTIN MARIETTA  
MILAN, TN

SS/CPAF

IOC

APR 96

DEC 96

16859

30.07

YES

NO

2 . \*CTG CASE MK3

FY 1996 STOCK ISSUE

N/A

N/A

N/A

N/A

18545

46.59

YES

NO

3 . \*PRIMER MK22-1

FY 1996 STOCK ISSUE

N/A

N/A

N/A

N/A

17365

2.69

YES

NO

4 . AMMO BOX MK3

FY 1996

C/FP

IOC

APR 96

SEP 96

945

70.66

YES

NO

5 . PALLET MK 12-1

FY 1996

N/A

N/A

N/A

N/A

49

130.84

NO

NO

REMARKS:

LINE ITEM 4 - TBS - TO BE SELECTED LINE ITEM 5 - TBS - To Be Selected

4-5

Page

EXHIBIT DATA

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

ITEM: CTG, 40MM BLANK SALUTING  
MODEL NO: MK3-0

B550

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

B550

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

2,240

2,240

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

7 RESIDUAL

1,227

1,227

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

3,467

3,467

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 3467 DODIC: B550  
 ACQUISITION OBJECTIVE: 3467 DESCRIPTION: CTG, 40MM BLANK SALUTING  
 LEADTIME: 11  
 \*\*\*\*\*  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$62.3200	\$0.0000	\$55.8100	\$0.0000
TOTAL PRICE:		\$170,000	\$0	\$941,000	\$0
FY BUDGET QTY:		2727	0	16859	0
GAINS:					
FDP DELIVERIES:		227	2500	1405	15454
OTHER ( 93 & PRIOR)		0	0	0	0
TOTAL:		227	2500	1405	15454
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		373	2240	2240	2240
WASHOUT:		3	3	4	1
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		376	2243	2244	2241
NET CHANGE (+/-)		-149	257	-839	13213
ASSET POSITION:					
STD SERVICEABLE:	1120	971	1228	389	13602
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	1120	971	1228	389	13602
\$ VALUE:	\$0	\$60,506	\$0	\$21,708	\$0
RECOMMENDED BUY QTY	2347	2496	2239	3078	-10135
\$ VALUE:	\$0	\$155,558	\$0	\$171,785	\$0
DEFICIENCY A.O.	2347	2496	2239	3078	-10135
\$ VALUE:	\$0	\$155,558	\$0	\$171,785	\$0
PERCENT OF OBJECTIVE:	32%	28%	35%	11%	392%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01 | P-1 NOMENCLATURE: CTG, 40MM BLANK SALUTING (RCN: 01-888-1)

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	18,426	0	0	0	0	0
COST (M\$)	0.000	0.000	0.647	0.000	0.000	0.000	0.000	0.000

This item is used for saluting purposes during ceremonies.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	381	0	3104
Loss	1	0	0
Gain	0	0	18426

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.647	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.647	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST

ITEM NO.

4-9

Page

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1310-01-240-5741  
( B650 )

P-1 ITEM NOMENCLATURE:  
CTG, 40MM BLANK SALUTING

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)										
2. *CTG CASE MK3	18426	13.41							247	
3. *PRIMER MK22-1	20269	46.59							944	
4. AMMO BOX MK3	18979	2.69							51	
5. PALLET MK 12-1	1032	70.66							73	
	54	130.84							7	
<b>SUBTOTAL</b>									1322	
<b>PRODUCT</b>										
1. QUALITY ASSURANCE									2	
2. ACCEPTANCE TESTING									15	
3. INTERIM TRANSPORTATION									5	
4. INDUSTRIAL STOCK SUPPORT									56	
5. CAWCF GAIN/LOSS SURCHARGE									242	
7. *GOVERNMENT FURNISHED MATERIAL									-995	
<b>SUBTOTAL</b>									-675	
*****										
TOTAL P-1 LINE ITEM									35.11	647

4-10

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1310-01-240-5741

P-1 ITEM NOMENCLATURE

( B650 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM BLANK SALUTING

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	APR 96	DEC 96	18426	13.41	YES	NO
---------	------------------------------	---------	--------	--------	-------	-------	-----	----

2 . \*CTG CASE MK3

FY 1996	STOCK ISSUE	N/A	N/A	N/A	20269	46.59	YES	NO
---------	-------------	-----	-----	-----	-------	-------	-----	----

3 . \*PRIMER MK22-1

FY 1996	STOCK ISSUE	N/A	N/A	N/A	18979	2.69	YES	NO
---------	-------------	-----	-----	-----	-------	------	-----	----

4 . AMMO BOX MK3

FY 1996		C/FP	APR 96	AUG 96	1032	70.66	YES	NO
---------	--	------	--------	--------	------	-------	-----	----

5 . PALLET MK 12-1

FY 1996		C/FP	APR 96	AUG 96	54	130.84	YES	NO
---------	--	------	--------	--------	----	--------	-----	----

REMARKS:

LINE ITEM 5 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

B650

ITEM: CTG, 40MM BLANK SALUTING  
MODEL NO:

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

6 GEO PREPOSITIONED

NALMBE

GITMO

WRSA

7 RESIDUAL

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

3,104

3,104

1,701

1,701

4,805

4,805

4-12

ASSET DYNAMICS

DATE: 03/14/96

PROCUREMENT OBJECTIVE: 4805 DODIC: B650  
 ACQUISITION OBJECTIVE: 4805 DESCRIPTION: CTG, 40MM BLANK SALUTING  
 LEADTIME: 12

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$35.1100	\$0.0000
TOTAL PRICE:	\$0	\$0	\$647,000	\$0
FY BUDGET QTY:	0	0	18426	0
GAINS:				
FDP DELIVERIES:	0	0	0	18426
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	0	0	18426
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	1438	381	0	3104
WASHOUT:	5	1	0	0
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	1443	382	0	3104
NET CHANGE (+/-)	-1443	-382	0	15322
ASSET POSITION:				
STD SERVICEABLE:	1825	0	0	15321
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	1825	0	0	15321
\$ VALUE:	\$0	\$0	\$0	\$0
RECOMMENDED BUY QTY	2980	4805	4805	-10516
\$ VALUE:	\$0	\$0	\$168,704	\$0
DEFICIENCY A.O.	2980	4805	4805	-10516
\$ VALUE:	\$0	\$0	\$168,704	\$0
PERCENT OF OBJECTIVE:	38%	0%	0%	319%

4-13

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998												
			1995				1996				1997				1998				1999				2000				2001												
			SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	MILAN AAP, MILAN, TN	13.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
TOTAL MONTHLY PROD			13.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	PRODUCTION RATES		MONTHS TO		PROCUREMENT LEAD TIME				REMARKS	
			MINIMUM	MAXIMUM	BEFORE	AFTER	ADMIN	PROD	INITIAL	REORDER		
1	MILAN AAP, MILAN, TN	13.0	0.00	22.00	0	0	6.00	3.00	10.00	13.00	19.8.0	QUANTITY IN THOUSANDS

4-14

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ (P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 (RCN: 01-159-1)  
 CIC, 40MM HEDP FOR M79/M203

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	291,131	0	0	0	0	449,501	0
COST (M\$)	0.000	4.296	0.000	0.000	0.000	0.000	6.925	0.000

This cartridge is a high explosive, dual-purpose, impact type round designed to penetrate two inches of steel armor at zero degree angle of obliquity and inflict personnel casualties in the target area. It is fired from the M79/M203 grenade launcher. This item is a fixed round of ammunition.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Projected Qty	FY95	FY96	FY97
Consumption	190671	190671	190671
Loss	3187	2605	2389
Gain	0	121305	169826

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	2.814	0.000	0.000	0.000	0.000	2.459	0.000
WAR RESERVES	0.000	1.482	0.000	0.000	0.000	0.000	4.466	0.000
COST (M\$)	0.000	4.296	0.000	0.000	0.000	0.000	6.925	0.000

P-1 SHOPP LIST

ITEM NO.

Page 4-15

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1310-00-992-0451  
( B546 )

P-1 ITEM NOMENCLATURE:  
CTG, 40MM HEDP FOR M79/M2

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)			291131	6.91	2011					
2. COMP CH-6 (LB)			233	5.74	1					
3. FZ PIBD M550 MPTS			299865	4.09	1225					
4. DET STAB M55			302777	0.25	74					
5. *LEAD AZIDE (SP) (LB)			30	24.11	1					
6. RDX TYPE II, CLASS 3 (LB)			204	3.31	1					
7. LAP TEST VEHICLE F/M433			6522	11.90	78					
8. LAP SPITBACK ASSY F/M433			6522	0.51	3					
9. COMP A-5, CLASS 1 (LB)			28881	3.12	90					
<b>SUBTOTAL</b>					<b>3484</b>					
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING					136					
2. QUALITY ASSURANCE					6					
3. ACCEPTANCE TESTING					162					
4. INTERIM TRANSPORTATION					21					
5. INDUSTRIAL STOCK SUPPORT					208					
6. CAWCF GAIN/LOSS SURCHARGE					280					
7. *GOVERNMENT FURNISHED MATERIAL					-1					
<b>SUBTOTAL</b>					<b>812</b>					
*****										
TOTAL P-1 LINE ITEM										
				14.76	4296					
*****										

4-16

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-00-992-0451

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM HEDP FOR M79/M203

( B546 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 95	JUL 96	291131	6.91	YES	NO
2 . COMP CH-6 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 95	DEC 95	233	5.74	YES	NO
3 . FZ PIBD M550 MPTS									
FY 1995	DAYRON CO ORLANDO, FL	C/FP	IOC	AUG 95	APR 96	299865	4.09	YES	NO
4 . DET STAB M55									
FY 1995	DAY & ZIMMERMAN TEXARKANA, TX	SS/CPFF	IOC	MAR 95	OCT 95	302777	0.25	YES	NO
5 . *LEAD AZIDE (SP) (LB)									
FY 1995	STOCK ISSUE	N/A	N/A	N/A	N/A	30	24.11	YES	NO
6 . RDX TYPE II, CLASS 3 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 95	DEC 95	204	3.31	YES	NO

4-17

Page

EXHIBIT

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-00-992-0451  
CTG, 40MM HEDP FOR M79/M203 ( B546 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS IF YES	REV WHEN	REQD AVAIL
7 .	LAP TEST VEHICLE F/M433	SS/CPAF	IOC	MAR 95	DEC 95	6522	11.90	YES	NO		
8 .	LAP SPITBACK ASSY F/M433	SS/CPAF	IOC	MAR 95	DEC 95	6522	0.51	YES	NO		
9 .	COMP A-5, CLASS 1 (LB)	SS/CPFF	IOC	FEB 95	SEP 95	28881	3.12	YES	NO		

REMARKS:

LINE ITEM 5 - \*\* PACING COMPONENT

4-18

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011591

B546

P20A DISPLAY FOR DODIC:

ITEM: CTG, 40MM HEDP FOR M79/M203  
MODEL NO: M433

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		166,182	226,372	103,931	496,485
FORCES AFLOAT				113,348	113,348
SUBTOTAL					609,833
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		41,949	156,251	52,446	250,646
FORCES AFLOAT				31,246	31,246
SUBTOTAL					281,892
MRC TOTALS					891,725
3 SPECIAL MISSION FORCES	638				638
4 PEACETIME OPERATING STOCKS	132,354				132,354
5 TRAINING REQUIREMENT	213,196				213,196
6 GEO PREPOSITIONED					
NALMEB	39,528				39,528
GITMO	9,600				9,600
WRSB					
7 RESIDUAL	93,672				93,672
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	488,988	208,131	382,623	300,971	1,380,713

MPS BREAKOUT

MPS 1	30,960
MPS 2	30,960
MPS 3	30,960

4-19

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 1380713 DODIC: B546  
 ACQUISITION OBJECTIVE: 1380713 DESCRIPTION: CTG, 40MM HEDP FOR M79/M2  
 LEADTIME : 19  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$14.7600	\$0.0000	\$0.0000
TOTAL PRICE:		\$0	\$4,296,000	\$0	\$0
FY BUDGET QTY:		0	291131	0	0
GAINS:					
FDP DELIVERIES:		0	0	121305	169826
OTHER ( 93 & PRIOR)		0	0	0	0
TOTAL:		0	0	121305	169826
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		144882	190671	190671	190671
WASHOUT:		3632	3187	2605	2389
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		148514	193858	193276	193060
NET CHANGE (+/-)		-148514	-193858	-71972	-23234
ASSET POSITION:					
STD SERVICEABLE:	1210734	1062220	868362	796391	773157
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	1210734	1062220	868362	796391	773157
\$ VALUE:	\$0	\$0	\$12,817,025	\$0	\$0
RECOMMENDED BUY QTY	169979	318493	512351	584322	607556
\$ VALUE:	\$0	\$0	\$7,562,299	\$0	\$0
DEFICIENCY A.O.	169979	318493	512351	584322	607556
\$ VALUE:	\$0	\$0	\$7,562,299	\$0	\$0
PERCENT OF OBJECTIVE:	88%	77%	63%	58%	56%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01 | CTG, 40MM HEDP LINKED FOR MK19

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	493,747	0	0	0	0	0	0
COST (M\$)	0.000	7.574	0.000	0.000	0.000	0.000	0.000	0.000

This cartridge is a high explosive, dual-purpose, impact type round designed to penetrate two inches of steel armor at zero degree angle of obliquity and inflict personnel casualties in the target area. It is fired from the MK19 40mm Machine Gun. This cartridge is a fixed round of ammunition.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty	1022147	1022147	1022147
Consumption	36406	33763	31957
Loss	177399	454087	288019
Gain			

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	7.574	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	7.574	0.000	0.000	0.000	0.000	0.000	0.000

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:

CTG, 40MM HEDP LINKED FOR

DATE:

NSN: 1310-01-362-5295  
( B542 )

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		TOTAL	UNIT COST	QTY	UNIT COST	TOTAL	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST						TOTAL
<b>HARDWARE</b>														
1. LOAD, ASSEMBLE, AND PACK (LAP)				493747	3.97	1960								
2. BODY ASSY MPTS				513497	1.49	765								
3. LINER FLUTED EXT				510732	0.74	378								
4. COMP A-5, CLASS 1 (LB)				46906	3.12	146								
5. *LEAD AZIDE (SP) (LB)				149	24.11	4								
6. CTG CASE M169				513497	0.91	466								
7. PROP M2 SP .019 (LB)				7900	27.17	215								
8. COMP CH-6 (LB)				395	5.74	2								
9. FZ PIBD M549				513497	3.54	1817								
10. DET STAB M59				518435	0.43	225								
11. RDX TYPE II, CLASS 3 (LB)				50	3.31									
12. LINK M16A2				523372	0.20	106								
13. LAP TEST VEH F/M430				11060	4.81	53								
14. LAP SPITBACK ASSY				11060	0.77	9								
<b>SUBTOTAL</b>						<b>6146</b>								
<b>PRODUCT</b>														
1. PRODUCTION ENGINEERING						240								
2. QUALITY ASSURANCE						10								
3. ACCEPTANCE TESTING						285								
4. INTERIM TRANSPORTATION						37								
5. INDUSTRIAL STOCK SUPPORT						366								
6. CAWCF GAIN/LOSS SURCHARGE						494								
7. *GOVERNMENT FURNISHED MATERIAL						-4								
<b>SUBTOTAL</b>						<b>1428</b>								
*****														
TOTAL P-1 LINE ITEM											15.34	7574	*****	

4-23

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: 1310-01-362-5295  
( B542 )

P-1 ITEM NOMENCLATURE:  
CTG, 40MM HEDP LINKED FOR

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)			493747	3.97						1960
2. BODY ASSY MPTS			513497	1.49						765
3. LINER FLUTED EXT			510732	0.74						378
4. COMP A-5, CLASS 1 (LB)			46906	3.12						146
5. *LEAD AZIDE (SP) (LB)			149	24.11						4
6. CTG CASE M169			513497	0.91						466
7. PROP M2 SP .019 (LB)			7900	27.17						215
8. COMP CH-6 (LB)			395	5.74						2
9. FZ PIBD M549			513497	3.54						1817
10. DET STAB M59			518435	0.43						225
11. RDX TYPE II, CLASS 3 (LB)			50	3.31						106
12. LINK M16A2			523372	0.20						53
13. LAP TEST VEH F/M430			11060	4.81						9
14. LAP SPITBACK ASSY			11060	0.77						9
<b>SUBTOTAL</b>										6146
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING										240
2. QUALITY ASSURANCE										10
3. ACCEPTANCE TESTING										285
4. INTERIM TRANSPORTATION										37
5. INDUSTRIAL STOCK SUPPORT										366
6. CAWCF GAIN/LOSS SURCHARGE										494
7. *GOVERNMENT FURNISHED MATERIAL										-4
<b>SUBTOTAL</b>										1428
*****										
<b>TOTAL P-1 LINE ITEM</b>				15.34						7574
*****										

4-23

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY  
P-1 ITEM NOMENCLATURE  
NSN: 1310-01-362-5295

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01  
CTG, 40MM HEDP LINKED FOR MK19  
( B542 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	FEB 95	JUL 97	493747	3.97	YES	NO
2 . BODY ASSY MPTS									
FY 1995		C/FP	IOC	APR 96	JAN 97	513497	1.49	YES	NO
3 . LINER FLUTED EXT									
FY 1995	GAYSTON CORP SPRINGBORO, OH	C/FP	IOC	MAR 95	DEC 95	510732	0.74	YES	NO
4 . COMP A-5, CLASS 1 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 95	DEC 95	46906	3.12	YES	NO
5 . *LEAD AZIDE (SP) (LB)									
FY 1995		N/A	N/A	N/A	N/A	149	24.11	YES	NO
6 . CTG CASE M169									
FY 1995		C/FP	IOC	JUN 96	JAN 97	513497	0.91	YES	NO
7 . PROP M2 SP .019 (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAR 95	DEC 95	7900	27.17	YES	NO

Page 4-24

EXHIBIT

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-362-5295

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM HEDP LINKED FOR MK19

( B542 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
8 .	COMP CH-6 (LB)								
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 95	DEC 95	395	5.74	YES	NO
9 .	FZ PIBD M549								
FY 1995		C/FP	IOC	SEP 96	APR 97	513497	3.54	YES	NO
10 .	DET STAB M59								
FY 1995	DAY & ZIMMERMAN TEXARKANA, TX	SS/CPFF	IOC	MAR 95	JAN 96	518435	0.43	YES	NO
11 .	RDX TYPE II, CLASS 3 (LB)								
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 95	DEC 95	50	3.31	YES	NO
12 .	LINK M16A2								
FY 1995		C/FP	IOC	JUN 96	MAR 97	523372	0.20	YES	NO
13 .	LAP TEST VEH F/M430								
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 95	JAN 96	11060	4.81	YES	NO

4-25

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1310-01-362-5295

P-1 ITEM NOMENCLATURE

( B542 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM HEDP LINKED FOR MK19

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD AVAIL
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	-----------------------	--------------------------------------

14 . LAP SPITBACK ASSY

FY 1995 MARTIN MARIETTA  
MILAN, TN

SS/CPAF

IOC

MAR 95 JAN 96

11060

0.77 YES NO

REMARKS:

LINE ITEM 5 - TBS - To Be Selected  
Selected

LINE ITEM 10 - \*\* PACING COMPONENT

LINE ITEM 10 - TBS - To Be Selected

LINE ITEM 14 - TBS - To Be

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011661

ITEM: CTG, 40MM HEDP LINKED FOR MK19  
MODEL NO: M430

B542

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"				
FORCES ASHORE	532,517	1,465,040	576,835	2,574,392
FORCES AFLOAT			1,110,598	1,110,598
SUBTOTAL				3,684,990
2 MAJOR REGIONAL CONFLICT "B"				
FORCES ASHORE	187,830	534,715	235,960	958,505
FORCES AFLOAT			156,986	156,986
SUBTOTAL				1,115,491
MRC TOTALS				4,800,481
3 SPECIAL MISSION FORCES				
4 PEACETIME OPERATING STOCKS	221,040			221,040
5 TRAINING REQUIREMENT	1,770,932			1,770,932
6 GEO PREPOSITIONED				
NALMEB	243,350			243,350
GITMO	34,320			34,320
WERSA				
7 RESIDUAL	1,072,052			1,072,052
8 REGENERATION				
APPROVED ACQUISITION OBJECTIVE	720,347	1,999,755	2,080,379	8,142,175

MPS BREAKOUT

MPS 1	467,050			467,050
MPS 2	467,050			467,050
MPS 3	467,050			467,050

4-27

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 8142175 DODIC: B542  
 ACQUISITION OBJECTIVE: 8142175 DESCRIPTION: CTG, 40MM HEDP LINKED FOR  
 LEADTIME : 19

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$10.1200	\$15.3400	\$0.0000	\$0.0000
TOTAL PRICE:		\$4,309,000	\$7,574,000	\$0	\$0
FY BUDGET QTY:		425758	493747	0	0
GAINS:					
FDP DELIVERIES:		0	177399	454087	288019
OTHER ( 93 & PRIOR)		6278208	177399	454087	288019
TOTAL:					
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		1410864	1022147	1022147	1022147
WASHOUT:		21870	36406	33763	31957
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		1432734	1058553	1055910	1054104
NET CHANGE (+/-)		4845474	-881154	-601823	-766085
ASSET POSITION:					
STD SERVICEABLE:	7289894	12135368	11254214	10652391	9886306
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	7289894	12135368	11254214	10652391	9886306
\$ VALUE:	\$0	\$122,809,927	\$172,639,649	\$0	\$0
RECOMMENDED BUY QTY	852281	-3993193	-3112039	-2510216	-1744131
\$ VALUE:	\$0	(\$40,411,116)	(\$47,738,684)	\$0	\$0
DEFICIENCY A.O.	852281	-3993193	-3112039	-2510216	-1744131
\$ VALUE:	\$0	(\$40,411,116)	(\$47,738,684)	\$0	\$0
PERCENT OF OBJECTIVE:	90%	149%	138%	131%	121%



FAC	NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES												TOTAL MONTHLY PROD	REMARKS										
			MINIMUM	MAXIMUM	MONTHS TO MAX DAY		MONTHS TO AFTER		ADMIN LEAD TIME		PROCUREMENT LEAD TIME		INITIAL REORDER													
1	MILAN AAP, MILAN, TN		0.00	0.84	0.84	0.00	0.00	3.00	3.00	19.00	19.00	22.00	22.00	6.00	6.00	16.00	16.00	19.00	30.38	15.15	15.15	23.24	0.00	0.00	0.00	
TOTAL MONTHLY PROD			2.24																							

FAC	NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES												TOTAL MONTHLY PROD	REMARKS										
			MINIMUM	MAXIMUM	MONTHS TO MAX DAY		MONTHS TO AFTER		ADMIN LEAD TIME		PROCUREMENT LEAD TIME		INITIAL REORDER													
1	MILAN AAP, MILAN, TN		0.00	0.84	0.84	0.00	0.00	3.00	3.00	19.00	19.00	22.00	22.00	6.00	6.00	16.00	16.00	19.00	30.38	15.15	15.15	23.24	0.00	0.00	0.00	
TOTAL MONTHLY PROD			2.24																							

FAC	NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES												TOTAL MONTHLY PROD	REMARKS										
			MINIMUM	MAXIMUM	MONTHS TO MAX DAY		MONTHS TO AFTER		ADMIN LEAD TIME		PROCUREMENT LEAD TIME		INITIAL REORDER													
1	MILAN AAP, MILAN, TN		0.00	0.84	0.84	0.00	0.00	3.00	3.00	19.00	19.00	22.00	22.00	6.00	6.00	16.00	16.00	19.00	30.38	15.15	15.15	23.24	0.00	0.00	0.00	
TOTAL MONTHLY PROD			2.24																							

FAC	NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES												TOTAL MONTHLY PROD	REMARKS										
			MINIMUM	MAXIMUM	MONTHS TO MAX DAY		MONTHS TO AFTER		ADMIN LEAD TIME		PROCUREMENT LEAD TIME		INITIAL REORDER													
1	MILAN AAP, MILAN, TN		0.00	0.84	0.84	0.00	0.00	3.00	3.00	19.00	19.00	22.00	22.00	6.00	6.00	16.00	16.00	19.00	30.38	15.15	15.15	23.24	0.00	0.00	0.00	
TOTAL MONTHLY PROD			2.24																							

4-30

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ (P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 (CTG, 40MM PRACTICE  
 (RCN: 01-161-1)

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	129,097	390,353	1,510,821	2,900,253	2,902,247	2,966,355	2,936,140
COST (M\$)	0.000	0.489	2.267	3.210	6.591	6.743	7.043	7.125

The M781 is an unfuzed, fixed round of practice ammunition. It is compatible with the M79 grenade launcher and M203 launcher. The cartridge case is made of plastic material and the projectile is also plastic with an aluminum rotating band. The ogive is made of a plastic material and contains a colored dye in granular form, the consistency of talcum powder, which is used to generate a signature. The propulsion system consists of a standard .38 caliber blank. This is a training unique item.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Projected Qty	FY95	FY96	FY97
Consumption	800000	800000	764222
Loss	4120	2718	1513
Gain	336693	401242	259725

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.489	2.267	3.210	6.591	6.743	7.043	7.125
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.489	2.267	3.210	6.591	6.743	7.043	7.125

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: 1310-01-211-8073  
 ( B519 )

P-1 ITEM NOMENCLATURE:  
 CTG, 40MM PRACTICE

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY )		FY 1995 (QTY )		FY 1996 (QTY )		FY 1997 (QTY )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST
<b>HARDWARE</b>								
1. COMPLETE ROUND	129097	3.07	397	390353	4.56	1781	1510821	1.80
<b>SUBTOTAL</b>			397			1781		2718
<b>PRODUCT</b>								
1. PRODUCTION ENGINEERING			16			55		114
2. QUALITY ASSURANCE			1			2		4
3. ACCEPTANCE TESTING			18			20		30
4. INTERIM TRANSPORTATION			2			7		26
5. INDUSTRIAL STOCK SUPPORT			23			76		318
6. CAWCF GAIN/LOSS SURCHARGE			32			326		492
<b>SUBTOTAL</b>			92			486		2718
*****								
<b>TOTAL P-1 LINE ITEM</b>		3.79	489		5.81	2267		2.12
*****								

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-211-8073

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 40MM PRACTICE

( B519 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS		SPECS IF YES	
								AVAIL	NOW	REV	WHEN
								REQD	AVAIL		
FY 1995		C/FP	IOC	AUG 95	MAR 97	129097	3.07	YES	NO		
FY 1996		C/FP	IOC	JUN 96	MAY 97	390353	4.56	YES	NO		
FY 1997		C/FP	IOC	FEB 97	MAR 98	1510821	1.80	YES	NO		

1 . COMPLETE ROUND

REMARKS:

LINE ITEM 1 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - BARADIA

B519

P20A DISPLAY FOR DODIC:

ITEM: CTG, 40MM PRACTICE

MODEL NO: M781

INVENTORY OBJECTIVE QUANTITIES

POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT

PHASE I

PHASE II

PHASE III

TOTAL

TOTAL

MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

800,000

800,000

5 TRAINING REQUIREMENT

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

438,356

438,356

7 RESIDUAL

8 REGENERATION

1,238,356

1,238,356

APPROVED ACQUISITION OBJECTIVE

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

4-34

PAGE NO 4-35

PRODUCTION SCHEDULE (EXHIBIT P-21)

DDIC: 8519

IP-1 ITEM NOMENCLATURE: CTG, 40MM PRACTICE

APPROPRIATION/BUDGET: MARINE CORPS, BA 01

FISCAL YEAR 2000

FISCAL YEAR 1999

FISCAL YEAR 1998

FAC NO.	U S E	PROGRAM QUANTITY	FISCAL YEAR 1999			FISCAL YEAR 2000			CALENDAR YEAR 2000			CALENDAR YEAR 2001			K	L	R
			FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	FY 06	FY 07			
M	S	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.31	0.00
M	A	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	2.10	0.00
M	A	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	1.64	0.00
M	A	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	1.22	0.00
M	NS	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.29	0.00
M	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	SOF	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.03	0.00
M	SOF	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.32	0.00
M	SOF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
M	SOF	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.09	0.00
M	MC	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.54	0.00
M	MC	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.13	0.00
M	MC	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.40	0.00
M	MC	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	1.51	0.00
		2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	2.96	0.00
		2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	2.09	0.00
		0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.71	0.00
		1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	1.59	0.00
		2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	2.82	0.00
		TOTAL MONTHLY PROD	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	17.35	0.00

REMARKS:  
QUANTITY IN MILLIONS

ADMIN LEAD TIME	PROCUREMENT LEAD TIME	
	PRI	AFT
INITIAL	6.00	11.00
REORDER	6.00	5.00

MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO MAX AFTER DAY
	MINIMUM	MAXIMUM	
1 ACTION MFG, PHILADELPHIA PA	0.20	0.20	0.45
2 PINE BLUFF ARSENAL, AR	0.20	0.20	0.45

Page

4-37

THIS PAGE INTENTIONALLY LEFT BLANK

P-1 SHOPPING LIST  
ITEM NO. . PAGE NO.

4-38

BUDGET ITEM JUSTIFICATION SHEET									
DATE:									
(ALTCODE: 011451 )									
P-1 NOMENCLATURE:									
60MM, ALL TYPES									
APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01									
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001	
QUANTITY									
COST (M\$)	0.000	16.016	9.647	5.127	11.462	13.729	12.031	7.008	

This P-40 combines the two 60mm HE rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

60 MM HE M888 correlates to PANMC P-1 Number 23.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01		P-1 ITEM NOMENCLATURE 60MM, ALL TYPES		(011451)			
ELEMENT OF COST							
IDEN CODE	(TOTAL COST IN MILLIONS OF DOLLARS)						
	FY - 1994	FY - 1995	FY - 1996	FY - 1997			
	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	
CTG, 60MM HE	0	0.000	39042	3.226	0.000	34145	2.863
CTG, 60MM HE WITH MOF	0	0.000	81223	12.790	57828	13063	2.264
TOTAL VALUE		0.000		16.016	9.647		5.127

BUDGET ITEM JUSTIFICATION SHEET

DATE: \_\_\_\_\_

(RCN: 01-145-1)

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 CTG, 60MM HE

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	39,042	0	34,145	66,038	96,068	72,796	70,739
COST (M\$)	0.000	3.226	0.000	2.863	5.691	8.461	6.550	6.503

The 60mm HE round is a semi-fixed high explosive round for use in the 60mm (M224) Lightweight Company Mortar System. The 60mm LWCMS replaced the 60mm mortar (M19) series providing an increased range capability from 1,800 meters to 3,460 meters.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty	142949	142949	142949
Consumption	2036	1601	1168
Loss	0	0	0
Gain	0	0	39042

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	3.226	0.000	2.863	5.691	8.461	6.550	6.503
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	3.226	0.000	2.863	5.691	8.461	6.550	6.503

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: March 1996  
 NSN: 1310-01-149-3185  
 ( B643 )

P-1 ITEM NOMENCLATURE:  
 CTG, 60MM HE

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST	FY 1994 (QTY )		FY 1995 (QTY )		FY 1996 (QTY )		FY 1997 (QTY )		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
QM: EA										
HARDWARE										
1. LOAD, ASSEMBLE, AND PACK (LAP)			39042	14.52	567					
2. *PROJ M720 MPTS			40604	10.81	439					
3. *COMP B TYPE I GRADE A (LB)			31234	2.31	72					
4. *TNT TYPE I, FLAKE (LB)			15617	1.55	24					
5. FIN ASSY M27			40604	3.20	130					
6. LAP CTG IGN M702			40604	7.47	303					
7. M9 FLAKE .006 (LB)			313	85.58	27					
8. NITROCELLULOSE WW GR A (LB)			1289	8.99	12					
9. M10 FLAKE .008 (LB)			3124	25.24	79					
10. LAP CHG PROP M204			157730	0.79	125					
11. CONTAINER ASSY M204			157730	1.88	297					
12. LAP FZ PD M935			40214	3.13	126					
13. FZ MPTS M935			40604	10.57	429					
14. COMP A-5, CLASS 1 (LB)			1172	3.12	4					
15. RDX TYPE II, CLASS 3 (LB)			59	3.31						
SUBTOTAL					2634					2338
PRODUCT										
1. PRODUCTION ENGINEERING					116					122
2. QUALITY ASSURANCE					5					4
3. ACCEPTANCE TESTING					138					29
4. INTERIM TRANSPORTATION					18					25
5. INDUSTRIAL STOCK SUPPORT					177					106
6. CAWCF GAIN/LOSS SURCHARGE					239					284
7. *GOVERNMENT FURNISHED MATERIAL					-101					-45
SUBTOTAL					592					525
*****										
TOTAL P-1 LINE ITEM				82.63	3226				83.85	2863

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1310-01-149-3185

P-1 ITEM NOMENCLATURE

( B643 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS REV	IF YES WHEN REQD	SPECS REV	IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	--------------	------------------------	--------------	-------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	SEP 96	39042	14.52	YES	NO	NO		
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	DEC 96	SEP 98	34145	13.86	YES	NO	NO		

2 . \*PROJ M720 MPTS

FY 1995	STOCK ISSUE	N/A	N/A	N/A	N/A	40604	10.81	YES	NO	NO		
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	35511	9.15	YES	NO	NO		

3 . \*COMP B TYPE I GRADE A (LB)

FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	FEB 95	AUG 95	31234	2.31	YES	NO	NO		
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	27316	1.39	YES	NO	NO		

4 . \*TNT TYPE I, FLAKE (LB)

FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JUL 95	AUG 95	15617	1.55	YES	NO	NO		
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	13658	1.26	YES	NO	NO		

5 . FIN ASSY M27

FY 1995	WELLS MARINE COSTA MESA, CA	C/FP	IOC	AUG 95	MAR 96	40604	3.20	YES	NO	NO		
FY 1997		C/FP	IOC	JAN 97	AUG 97	35511	9.63	YES	NO	NO		

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-149-3185

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE

( B643 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
6 . LAP CTG IGN M702									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	AUG 95	40604	7.47	YES	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	AUG 97	35511	7.35	YES	NO
7 . M9 FLAKE .006 (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	JUL 95	313	85.58	YES	NO
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	JUL 97	274	72.13	YES	NO
8 . NITROCELLULOSE WW GR A (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	JUN 95	1289	8.99	YES	NO
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	JUN 97	1127	9.53	YES	NO
9 . M10 FLAKE .008 (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	AUG 95	3124	25.24	YES	NO
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	AUG 97	2732	19.53	YES	NO

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-149-3185

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE

( B643 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	SPECS IF YES WHEN AVAIL
10 . LAP CHG PROP M204										
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	SEP 95	157730	0.79	YES	NO	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	SEP 97	137946	0.76	YES	NO	NO
11 . CONTAINER ASSY M204										
FY 1995	ARMTEC DEFENSE PROD COACHELLA, CA	SS/FP	IOC	JUN 95	AUG 95	157730	1.88	YES	NO	NO
FY 1997	ARMTEC DEFENSE PROD COACHELLA, CA	SS/FP	IOC	JAN 97	AUG 97	137946	1.99	YES	NO	NO
12 . LAP FZ PD M935										
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	APR 96	40214	3.13	YES	NO	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	APR 98	35170	2.56	YES	NO	NO
13 . FZ MPTS M935										
FY 1995	ACTION MFG PHILADELPHIA, PA	C/FP	IOC	JUN 95	MAR 96	40604	10.57	YES	NO	NO
FY 1997		C/FP	IOC	DEC 96	MAR 98	35511	8.90	YES	NO	NO
14 . COMP A-5, CLASS 1 (LB)										
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	AUG 95	1172	3.12	YES	NO	NO

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE NSN: 1310-01-149-3185

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 60MM HE ( B643 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	AUG 97	1025	12.54	YES	NO

15 . RDX TYPE II, CLASS 3 (LB)

FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	AUG 95	59	3.31	YES	NO
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	AUG 97	52	12.75	YES	NO

REMARKS:

LINE ITEM 5 - TBS - To Be Selected LINE ITEM 13 - \*\* PACING COMPONENT LINE ITEM 13 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011451

B643

P20A DISPLAY FOR DODIC:

ITEM: CTG, 60MM HE  
MODEL NO: M888

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT	POST D-DAY CONSUMPTION			TOTAL
	PHASE I	PHASE II	PHASE III	
1 MAJOR REGIONAL CONFLICT "A"				
FORCES ASHORE	26,782	33,615	34,857	95,254
FORCES AFLOAT			58,742	58,742
SUBTOTAL				153,996

2 MAJOR REGIONAL CONFLICT "B"				
FORCES ASHORE	29,269	70,148	34,734	134,151
FORCES AFLOAT			19,622	19,622
SUBTOTAL				153,773

MRC TOTALS 307,769

3 SPECIAL MISSION FORCES 2,866

4 PEACETIME OPERATING STOCKS 50,387

5 TRAINING REQUIREMENT 142,949

6 GEO PREPOSITIONED 25,792  
 NALMEB 6,276  
 GITMO  
 WRSA

7 RESIDUAL 79,080

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 307,350 56,051 103,763 147,955 615,119

MPS BREAKOUT  
 MPS 1 19,344  
 MPS 2 19,344  
 MPS 3 19,344

5-9

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 6151119 DODIC: B643  
 ACQUISITION OBJECTIVE: 6151119 DESCRIPTION: CTG, 60MM HE  
 LEADTIME : 24

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$82.6300	\$0.0000	\$83.8500
TOTAL PRICE:	\$0	\$0	\$3,226,000	\$0	\$2,863,000
FY BUDGET QTY:			39042	0	34145
GAINS:					
FDP DELIVERIES:		0	0	0	39042
OTHER ( 93 & PRIOR)		274475	0	0	0
TOTAL:		274475	0	0	39042
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		105952	142949	142949	142949
WASHOUT:		1535	2036	1601	1168
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		107487	144985	144550	144117
NET CHANGE (+/-)		166988	-144985	-144550	-105075
ASSET POSITION:					
STD SERVICEABLE:	511771	678759	533773	389223	284148
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	511771	678759	533773	389223	284148
\$ VALUE:	\$0	\$0	\$44,105,697	\$0	\$23,825,845
RECOMMENDED BUY QTY	103348	-63640	81346	225896	330971
\$ VALUE:	\$0	\$0	\$6,721,586	\$0	\$27,751,883
DEFICIENCY A.O.	103348	-63640	81346	225896	330971
\$ VALUE:	\$0	\$0	\$6,721,586	\$0	\$27,751,883
PERCENT OF OBJECTIVE:	83%	110%	87%	63%	46%

FACILITY	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
		1995				1996				1997				1998				1999				2000				2001											
		Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
K	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	NS	25.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	NS	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	SOF	14.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	SOF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	SOF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	SOF	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	MC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	MC	39.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	MC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	MC	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	MC	34.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	ALL	14.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	ALL	64.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	ALL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	ALL	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	TOT	15.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	TOT	67.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	TOT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
K	TOT	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								
TOTAL MONTHLY PROD		14.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00								

FACILITY NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO DELIVER		PROCUREMENT LEAD TIME		REMARKS
		MINIMUM	MAXIMUM	BEFORE	AFTER	ADMIN	PROD	
1	ACTION MFG, PHILADELPHIA PA	17.00	400.00	0.00	0.00	3.00	21.00	INITIAL REORDER 6
2	MILAN AAP, MILAN, IN	17.00	400.00	0.00	0.00	3.00	21.00	INITIAL REORDER 6

5-11

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 01-145-1)

P-1 NOMENCLATURE:

CTG, 60MM HE WITH MOF

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	81,223	57,828	13,063	32,393	28,927	29,455	2,654
COST (M\$)	0.000	12.790	9.647	2.264	5.771	5.268	5.481	0.505

The 60mm HE round is a semi-fixed high explosive round with a multi-option fuze (MOF) for use in the 60mm (M224) Lightweight Company Mortar System. The 60mm LMCMS replaced the 60mm mortar (M19) series providing an increased range capability from 1800 meters to 3460 meters. The multi-option fuze (MOF) gives the projectile the capability of creating an air burst over the target thus increasing lethality of the projectile. The MOF can also be placed in a point-detonating (PD) setting.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty			
Consumption	36480	36480	36480
Loss	326	216	106
Gain	0	0	81223

This item is code "A"

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	5.745	6.086	2.264	5.771	5.268	5.481	0.505
WAR RESERVES	0.000	7.045	3.561	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	12.790	9.647	2.264	5.771	5.268	5.481	0.505

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1310-01-022-7680  
( B642 )

APPROPRIATION BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 60MM HE WITH MOF

ELEMENT OF COST OM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	
<b>HARDWARE</b>									
1. LOAD, ASSEMBLE, AND PACK (LAP)			81223	15.08	57828	15.18	13063	14.35	187
2. *PROJ M720 MPTS			84472	10.81	60142	10.89	13586	9.15	124
3. *COMP B TYPE I GRADE A (LB)			64979	2.31	46263	1.65	10451	1.39	15
4. *TNT TYPE I, FLAKE (LB)			32490	1.55	23132	1.50	5226	1.26	7
5. FIN ASSY M27			84472	3.20	60142	3.30	13586	9.63	131
6. LAP CTG IGN M702			84472	7.47	60142	8.54	13586	7.35	100
7. M9 FLAKE .006 (LB)			650	85.58	463	76.99	105	72.13	8
8. NITROCELLULOSE WW GR A (LB)			2681	8.99	1909	9.08	432	9.53	4
9. M10 FLAKE .008 (LB)			6498	25.24	4627	22.79	1046	19.53	20
10. LAP CHG PROP M204			328141	0.79	233626	0.76	52775	0.76	40
11. CONTAINER ASSY M204			328141	1.88	233626	2.19	52775	1.99	105
12. LAP FUZE MO M734			83660	1.78	59563	1.79	13455	1.70	23
13. FZ MO M734 MPTS			84472	76.53	60142	79.23	13586	86.62	1177
14. DET STAB M61			85285	1.36	60720	1.25	13717	1.38	19
15. HMX GRADE B, CLASS 3 (LB)			366	13.69	261	26.61	59	87.59	5
16. COMP A-5, CLASS 1 (LB)			4549	3.12	3239	6.62	732	12.54	9
17. RDX TYPE II, CLASS 3 (LB)			122	3.31	87	7.55	20	12.75	
18. PBXN-5 TYPE I, CLASS 3 (LB)			26	40.29	18	42.74	5	60.83	
<b>SUBTOTAL</b>				11111		8180		1974	
<b>PRODUCT</b>									
1. PRODUCTION ENGINEERING				435		254		90	
2. QUALITY ASSURANCE				18		11		3	
3. ACCEPTANCE TESTING				516		94		22	
4. INTERIM TRANSPORTATION				68		31		19	
5. INDUSTRIAL STOCK SUPPORT				662		348		77	
6. CAWCF GAIN/LOSS SURCHARGE				893		1495		224	
7. *GOVERNMENT FURNISHED MATERIAL				-913		-766		-145	
<b>SUBTOTAL</b>				1679		1467		290	
<b>TOTAL P-1 LINE ITEM</b>				157.47		166.82		173.31	
*****									

5 PAGE NO. 13

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1310-01-022-7680  
( B642 )

P-1 ITEM NOMENCLATURE

CTG, 60MM HE WITH MOF

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS AVAIL	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	----------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	OCT 96	81223	15.08	YES	NO	
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 96	SEP 97	57828	15.18	YES	NO	
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	DEC 96	SEP 98	13063	14.35	YES	NO	

2 . \*PROJ M720 MPTS

FY 1995	STOCK ISSUE	N/A	N/A	N/A	N/A	84472	10.81	YES	NO	
FY 1996	STOCK ISSUE	N/A	N/A	N/A	N/A	60142	10.89	YES	NO	
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	13586	9.15	YES	NO	

3 . \*COMP B TYPE I GRADE A (LB)

FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	AUG 95	64979	2.31	YES	NO	
FY 1996	STOCK ISSUE	N/A	N/A	N/A	N/A	46263	1.65	YES	NO	
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	10451	1.39	YES	NO	

4 . \*TNT TYPE I, FLAKE (LB)

FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	AUG 95	32490	1.55	YES	NO	
FY 1996	STOCK ISSUE	N/A	N/A	N/A	N/A	23132	1.50	YES	NO	
FY 1997	STOCK ISSUE	N/A	N/A	N/A	N/A	5226	1.26	YES	NO	

5-14

EXHIBIT

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE WITH MOF

( B642 )

NSN: 1310-01-022-7680

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
5 . FIN ASSY M27									
FY 1995	WELLS MARINE COSTA MESA, CA	C/FP	IOC	AUG 95	MAR 96	84472	3.20	YES	NO
FY 1996		C/FP	IOC	JAN 97	APR 97	60142	3.30	YES	NO
FY 1997		C/FP	IOC	JAN 97	AUG 97	13586	9.63	YES	NO
6 . LAP CTG IGN M702									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	AUG 95	84472	7.47	YES	NO
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 96	AUG 96	60142	8.54	YES	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	AUG 97	13586	7.35	YES	NO
7 . M9 FLAKE .006 (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	JUL 95	650	85.58	YES	NO
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAR 96	JUL 96	463	76.99	YES	NO
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	JUL 97	105	72.13	YES	NO
8 . NITROCELLULOSE WW GR A (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	JUN 95	2681	8.99	YES	NO
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAR 96	JUN 96	1909	9.08	YES	NO

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-022-7680

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE WITH MOF

( B642 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	SPECS IF YES WHEN AVAIL
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	JUN 97	432	9.53	YES	NO	
9 . M10 FLAKE .008 (LB)										
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	AUG 95	6498	25.24	YES	NO	
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAR 96	AUG 96	4627	22.79	YES	NO	
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	AUG 97	1046	19.53	YES	NO	
10 . LAP CHG PROP M204										
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	SEP 95	328141	0.79	YES	NO	
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 96	SEP 96	233626	0.76	YES	NO	
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	SEP 97	52775	0.76	YES	NO	
11 . CONTAINER ASSY M204										
FY 1995	ARMTEC DEFENSE PROD COACHELLA, CA	SS/FP	IOC	JUN 95	AUG 95	328141	1.88	YES	NO	
FY 1996	ARMTEC DEFENSE PROD COACHELLA, CA	SS/FP	IOC	JAN 96	AUG 96	233626	2.19	YES	NO	
FY 1997	ARMTEC DEFENSE PROD COACHELLA, CA	SS/FP	IOC	JAN 97	AUG 97	52775	1.99	YES	NO	

5-16

EXHIBIT

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-022-7680

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE WITH MOP

( B642 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	--

12 . LAP FUZE MO M734

FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	MAY 96	83660	1.78	YES	NO
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAR 96	APR 97	59563	1.79	YES	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	APR 98	13455	1.70	YES	NO

13 . FZ MO M734 MPTS

FY 1995	ACCUDYNE CORP JANESVILLE, WI	C/FP	IOC	MAY 95	APR 96	84472	76.53	YES	NO
FY 1996		C/FP	IOC	JUN 96	MAR 97	60142	79.23	YES	NO
FY 1997		C/FP	IOC	MAR 97	MAR 98	13586	86.62	YES	NO

14 . DET STAB M61

FY 1995	DAY & ZIMMERMAN TEXARKANA, TX	SS/CPFF	IOC	JAN 95	JUL 95	85285	1.36	YES	NO
FY 1996	DAY & ZIMMERMAN TEXARKANA, TX	SS/CPFF	IOC	MAR 96	NOV 96	60720	1.25	YES	NO
FY 1997	DAY & ZIMMERMAN TEXARKANA, TX	SS/CPFF	IOC	JAN 97	JUL 97	13717	1.38	YES	NO

15 . HMX GRADE B, CLASS 3 (LB)

FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	JUL 95	366	13.69	YES	NO
FY 1996	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 96	MAR 97	261	26.61	YES	NO

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-022-7680

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE WITH MOF

( B642 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	JUL 97	59	87.59	YES	NO
16 . COMP A-5, CLASS 1 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	AUG 95	4549	3.12	YES	NO
FY 1996	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 96	MAR 97	3239	6.62	YES	NO
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	AUG 97	732	12.54	YES	NO
17 . RDX TYPE II, CLASS 3 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	AUG 95	122	3.31	YES	NO
FY 1996	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 96	MAR 97	87	7.55	YES	NO
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	AUG 97	20	12.75	YES	NO
18 . PBXN-5 TYPE I, CLASS 3 (LB)									
FY 1995	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 95	JUL 95	26	40.29	YES	NO
FY 1996	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	MAR 96	MAR 97	18	42.74	YES	NO
FY 1997	HOLSTON DEFENSE CORP KINGSPORT, TN	SS/CPFF	IOC	JAN 97	JUL 97	5	60.83	YES	NO

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1310-01-022-7680

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 60MM HE WITH MOF

( B642 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	NOW	AVAIL	SPECS REV	SPECS IF YES WHEN REQD
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----	-------	--------------	------------------------------

REMARKS:

LINE ITEM 6 - TBS - To Be Selected    LINE ITEM 14 - \*\* PACING COMPONENT    LINE ITEM 14 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011451

B642

P20A DISPLAY FOR DODIC:

ITEM: CTG, 60MM HE WITH MOF

MODEL NO: M720

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		13,633	14,407	14,938	42,978
FORCES AFLOAT				25,175	25,175
SUBTOTAL					68,153

2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		12,545	30,064	14,885	57,494
FORCES AFLOAT				8,409	8,409
SUBTOTAL					65,903

MRC TOTALS 134,056

3 SPECIAL MISSION FORCES 1,228

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 36,480

6 GEO PREPOSITIONED 11,056

NALMEB  
GITMO  
WRSA

7 RESIDUAL 16,576

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 65,340

26,178 44,471 63,407 199,396

MPS BREAKOUT

MPS 1 8,288

MPS 2 8,288

MPS 3 8,288

5-20

PROCUREMENT OBJECTIVE: 199396 DODIC: B642  
 ACQUISITION OBJECTIVE: 199396 DESCRIPTION: CTG, 60MM HE WITH MOF  
 LEADTIME: 24  
 \*\*\*\*\*  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$157.4700	\$166.8200	\$173.3100
TOTAL PRICE:	\$0	\$0	\$12,790,000	\$9,647,000	\$2,264,000
FY BUDGET QTY:		81223	81223	57828	13063
GAINS:					
FDP DELIVERIES:	0	0	0	0	81223
OTHER ( 93 & PRIOR):	0	0	0	0	81223
TOTAL:	0	0	0	0	162446
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	327	327	36480	36480	36480
WASHOUT:	0	0	326	216	106
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	327	327	36806	36696	36586
NET CHANGE (+/-)	-327	-36806	-36696	-36696	44637
ASSET POSITION:					
STD SERVICEABLE:	109135	108808	72001	35305	79942
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	109135	108808	72001	35305	79942
\$ VALUE:	\$0	\$0	\$11,338,025	\$5,889,608	\$13,854,792
RECOMMENDED BUY QTY	90261	90588	127395	164091	119454
\$ VALUE:	\$0	\$0	\$20,060,864	\$27,373,632	\$20,702,529
DEFICIENCY A.O.	90261	90588	127395	164091	119454
\$ VALUE:	\$0	\$0	\$20,060,864	\$27,373,632	\$20,702,529
PERCENT OF OBJECTIVE:	55%	55%	36%	18%	40%

PRODUCTION SCHEDULE (EXHIBIT P-21)

IP-1 ITEM NOMENCLATURE: CTG. 60MM HE WITH WOF

APPROPRIATION/BUDGET MARINE CORPS. BA 01

DATE:

FAC NO.	U S B	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			FY 96				FY 97				FY 98				FY 99				FY 00				FY 01				FY 02				FY 03							
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	K	MC	95P	96	97	98	99	00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00		
2	K	MC	81.0	58.0	13.0				41	40	A																											
			TOTAL MONTHLY PROD												152												58											

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO MAX DAY		PROCUREMENT LEAD TIME			REMARKS
		MINIMUM	MAXIMUM	MIN	MAX	ADMIN	PRI	AFTER	
1	ACTION MFG, PHILADELPHIA PA	17.00	73.00	400.00	0.00	6.00	3.00	21.00	INITIAL
2	MILAN AAP, MILAN, TN	17.00	73.00	400.00	0.00	6.00	3.00	21.00	REORDER

REMARKS: ALL PACTING COMPONENT TOTAL 6 12 18 6 QUANTITY IN THOUSANDS  
INITIAL 6 REORDER 6

5-22

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(ALTCODE: 012481 )

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 81MM, ALL TYPES

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	15.662	10.972	1.731	0.000	44.922	32.433	45.333

This P-40 combines the two 81mm HE rounds and 81mm Infrared.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

81 MM HE correlates to PANMC P-1 Number 24.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994			FY - 1995			FY - 1996			FY - 1997		
		QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST		
(TOTAL COST IN MILLIONS OF DOLLARS)													
CTG, 81MM HE WITH MOF		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000	0.000	
CTG, 81MM HE WITH PD FUZE		0	0.000	87075	15.662	0	0.000	0	0.000	0	0.000	0.000	
CTG, 81MM ILLUM INFRARED		0	0.000	0	0.000	19886	10.972	1852	1.731	1852	1.731	1.731	
TOTAL VALUE			0.000		15.662		10.972		1.731		1.731	1.731	

P-1 ITEM NOMENCLATURE  
81MM, ALL TYPES  
(012481)

6

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 01-260-1)

P-1 NOMENCLATURE:

CTG, 81MM HE WITH MOF

APPROPRIATION/

PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	28,114	27,503
COST (M\$)	0.000	0.000	0.000	0.000	0.000	0.000	13.163	13.065

This 81mm High Explosive (HE) (M984) cartridge with multi-option fuze (MOF) is used in the medium, extended range mortar system (M252). The 81mm mortar (M252) replaced the M29/M29A1 and provides improved range from 4,900 to 5,600 meters. The 81mm cartridge is used against personnel and material, producing both fragmentation and blast effect. The multi-option fuze (MOF) gives the projectile the capability of creating an airburst above the target thus increasing the lethality of the projectile. The MOF can also be placed in a point-detonating (PD) setting.

	FY95	FY96	FY97
Projected Qty	30868	30868	30868
Consumption	1234	1260	1251
Loss	40913	29224	0
Gain			

This item is code "A"

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.000	0.000	0.000	10.139	10.287
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	3.024	2.778
COST (M\$)	0.000	0.000	0.000	0.000	0.000	0.000	13.163	13.065

P-1 SHOPP LIST  
ITEM NO.

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: C868

ITEM: CTG, 81MM HE WITH MOF

PM: AM

MODEL NO: M821A1

RCN: 03012601

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		32,708	112,958	22,443	168,109
FORCES AFLOAT				42,082	42,082
SUBTOTAL					210,191
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		15,281	34,520	17,170	66,971
FORCES AFLOAT				87,816	87,816
SUBTOTAL					154,787
MRC TOTALS					364,978
3 SPECIAL MISSION FORCES	2,981				2,981
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	30,868				30,868
6 GEO PREPOSITIONED					
NALMEB	17,886				17,886
GITMO	5,069				5,069
WRSA					
7 RESIDUAL	73,623				73,623
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	130,427	47,989	147,478	169,511	495,405

MPS BREAKOUT

MPS 1	25,140
MPS 2	25,140
MPS 3	25,140

4

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 495405 DODIC: C868  
 ACQUISITION OBJECTIVE: 495405 DESCRIPTION: CTG, 81MM HE WITH MOF  
 LEADTIME: 17  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$183.7500	\$0.0000	\$0.0000	\$0.0000
TOTAL PRICE:		\$12,890,000	\$0	\$0	\$0
FY BUDGET QTY:		70137	0	0	0
GAINS:					
FDP DELIVERIES:		0	40913	29224	0
OTHER ( 93 & PRIOR):		171795	0	0	0
TOTAL:		171795	40913	29224	0
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		39724	30868	30868	30868
WASHOUT:		840	1234	1260	1251
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		40564	32102	32128	32119
NET CHANGE (+/-)		131231	8812	-2904	-32119
ASSET POSITION:					
STD SERVICEABLE:	280004	411235	420047	417142	385023
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	280004	411235	420047	417142	385023
\$ VALUE:	\$0	\$75,564,429	\$0	\$0	\$0
RECOMMENDED BUY QTY	215401	84170	75358	78263	110382
\$ VALUE:	\$0	\$15,466,240	\$0	\$0	\$0
DEFICIENCY A.O.	215401	84170	75358	78263	110382
\$ VALUE:	\$0	\$15,466,240	\$0	\$0	\$0
PERCENT OF OBJECTIVE:	57%	83%	85%	84%	78%

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 01-260-1)

P-1 NOMENCLATURE:

CTG, 81MM HE WITH PD FUZE

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	87,075	0	0	0	265,208	110,447	108,390
COST (M\$)	0.000	15.662	0.000	0.000	0.000	44.922	19.270	29.478

The 81mm High Explosive (HE) cartridge is used in the medium, extended range mortar system (M252). The 81mm mortar M252 replaces the M29/M29A1 and provides improved range from 4,900 meters to 5,600 meters. The 81mm HE cartridge is used against personnel and material, producing both fragmentation and blast effect. The point-detonating (PD) fuze consists of a crossbar and holding assembly, a firing pin, detonator assembly, a setting sleeve assembly, a delay plunger and safe and arming mechanism.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty	94892	94892	94892
Consumption	2831	2595	2495
Loss	18842	64253	36281

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	15.662	0.000	0.000	0.000	15.124	16.556	17.052
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	29.798	2.714	12.426
COST (M\$)	0.000	15.662	0.000	0.000	0.000	44.922	19.270	29.478

P-1 SHOPP LIST

ITEM NO.

AMMUNITION COST ANALYSIS

DATE:

APPROPRIATION/BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION

CTG, MORTAR, 81MM, HE/PD, M889A1

1315-01-286-1385(C877)

ELEMENT OF COST	FY84		FY95		FY96		FY97	
	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST
<b>HARDWARE</b>								
1. CTG, M889A1, LAP			87,075	72.36		6,300		
2. CTG, M889A1, MPTS			89,687	18.35		1,648		
3. M835 PD FUZE			80,558	13.79		1,248		
4. IGNITION CTG M299			90,558	6.93		628		
5. PROPELLING CHARGE M220			357,008	1.40		500		
6. OTHER HARDWARE						2,744		
<b>SUBTOTAL</b>						13,067		
<b>PROCUREMENT SUPPORT</b>								
1. ENGINEERING SUPPORT						845		
2. QUALITY ASSURANCE						281		
3. PROOF & ACCEPTANCE						605		
4. INTERIM TRANSPORTATION						86		
5. INDUSTRIAL STOCK SUPPORT - NON CAWCF						777		
6. CAWCF GAIN/LOSS SURCHARGE						0		
<b>SUBTOTAL</b>						2,595		
<b>NON-RECURRING COSTS</b>								
1. FIRST ARTICLE /INITIAL PRODUCTION TEST								
<b>SUBTOTAL</b>								
<b>TOTAL P-1 LINE ITEM</b>			179.80			15,662		

6-7

BUDGET PROCUREMENT HISTORY AND PLANNING		DATE:									
APPROPRIATION/BUDGET ACTIVITY: PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION		P-1 ITEM NOMENCLATURE: CTG, MORTAR, 81MM, HE/PD, M889A1									
LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQ'D	IF YES, WHEN AVAIL	
1. CTG.M889A1.LAP											
FY95	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Apr 96	Nov 97	87,075	72.38	YES	NO		
2. CTG.M889A1.MPTS											
FY95	MEDICO INDUSTRIES WILKES-BARRE, PA	SS/FP	IOC	May 96	Apr 97	69,697	18.35	YES	NO		
3. M835 PD.FUZE											
FY95	PHILADELPHIA, PA UNKNOWN	C/FP	IOC	Aug 96	Aug 97	90,559	13.79	YES	NO		

REMARKS:

Sole source to Milan AAP due to available tooling and expertise.  
Same line produces the M821A1 & M889A1.  
Ctg MPTS sole source to restricted specified base.

BUDGET PROCUREMENT HISTORY AND PLANNING		DATE:									
APPROPRIATION/BUDGET ACTIVITY:		P-1 ITEM NOMENCLATURE:									
PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION		CTG, MORTAR, 81MM, HE/FPD, M889A1									
LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQD	IF YES, WHEN AVAIL	
4. IGNITION CTG M299											
FY95	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Apr 96	Oct 96	90,558	6.93	YES	NO		
5. PROPELLING CHARGE M220											
FY95	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Apr 96	Oct 96	357,008	1.40	YES	NO		

REMARKS:

Site source to Milan AAP due to available tooling and expertise.  
 Same line produces the M821A1 & M859A1.  
 Ctg MPTS sole source to restricted specified base.

DD FORM 2448-1, JUL 87

P-1 SHOPPING LIST  
 ITEM NO.

6-9

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03012481

C869

P20A DISPLAY FOR DODIC:

ITEM: CTG, 81MM HE WITH PD FUZE  
MODEL NO: M889A1

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		76,671	263,570	52,368	392,609
FORCES AFLOAT				98,191	98,191
SUBTOTAL					490,800
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		35,655	80,548	40,063	156,266
FORCES AFLOAT				204,905	204,905
SUBTOTAL					361,171
MRC TOTALS					851,971
3 SPECIAL MISSION FORCES	6,956				6,956
4 PEACETIME OPERATING STOCKS	50,387				50,387
5 TRAINING REQUIREMENT	94,892				94,892
6 GEO PREPOSITIONED					
NALMEB	41,739				41,739
GITMO	17,673				17,673
WRSA					
7 RESIDUAL	166,470				166,470
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	378,117	112,326	344,118	395,527	1,230,088

MPS BREAKOUT

MPS 1	58,665				58,665
MPS 2	58,665				58,665
MPS 3	58,665				58,665

6-10

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 1230088 DODIC: C869  
 ACQUISITION OBJECTIVE: 1230088 DESCRIPTION: CTG, 81MM HE WITH PD FUZE  
 LEADTIME : 17  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$140.2000	\$179.8000	\$0.0000	\$0.0000
TOTAL PRICE:		\$4,529,000	\$15,662,000	\$0	\$0
FY BUDGET QTY:		32301	87075	0	0
GAINS:					
FDP DELIVERIES:	0	0	18842	64253	36281
OTHER ( 93 & PRIOR):	443604	443604	0	0	0
TOTAL:			18842	64253	36281
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	112393	112393	94892	94892	94892
WASHOUT:	1843	1843	2831	2595	2495
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	114236	114236	97723	97487	97387
NET CHANGE (+/-)	329368	329368	-78881	-33234	-61106
ASSET POSITION:					
STD SERVICEABLE:	614437	943805	864924	831689	770583
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	614437	943805	864924	831689	770583
\$ VALUE:	\$0	\$132,321,417	\$155,513,250	\$0	\$0
RECOMMENDED BUY QTY	615651	286283	365164	398399	459505
\$ VALUE:	\$0	\$40,136,920	\$65,656,573	\$0	\$0
DEFICIENCY A.O.	615651	286283	365164	398399	459505
\$ VALUE:	\$0	\$40,136,920	\$65,656,573	\$0	\$0
PERCENT OF OBJECTIVE:	50%	77%	70%	68%	63%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:

PROCUREMENT, MARINE CORPS, BA 01 | CTG, 81MM ILLUM INFRARED

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	19,886	1,852	0	0	0	4,735
COST (M\$)	0.000	0.000	10.972	1.731	0.000	0.000	0.000	2.790

The M816 is an Infrared Illumination cartridge for use with the 81mm Mortar system (M252). This cartridge will complement Marine Corps Night Vision Equipment through exploitation of infrared illumination. This will allow use as a discrete supplementary illumination source for troops using image intensifier Night Vision systems whose range under normal conditions increases by a factor of four or greater. It can also be used to overcome the performance degradation experienced by light intensification systems under zero light or overcast conditions. This cartridge is ballistically matched to the M853A1 illumination cartridge.

For FY96 this is a non-Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	0	801	801
Loss	25	25	23
Gain	0	0	11600

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.442	0.749	0.000	0.000	0.000	1.416
WAR RESERVES	0.000	0.000	10.530	0.982	0.000	0.000	0.000	0.982
COST (M\$)	0.000	0.000	10.972	1.731	0.000	0.000	0.000	2.790

P-1 SHOPP LIST  
ITEM NO.

**AMMUNITION COST ANALYSIS**

APPROPRIATION/BUDGET ACTIVITY: **PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION CTG, MORTAR, 81MM, IR ILLUM, XM816 (E76101)** DATE: \_\_\_\_\_

1615-01-378-1026

ELEMENT OF COST	FY94		FY95		FY96		FY97		QTY - 1,852	
	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST	QTY (EA)	UNIT COST		
<b>HARDWARE</b>										
1. CTG, XM816, LAP					19,886	162.70	3,235	1,852	167.59	310
2. IR CANDLE					19,886	105.00	2,088	1,852	108.16	200
3. PROP CHG M219					81,533	2.91	237	7,593	2.81	21
4. IGN CTG M762					20,681	17.52	362	1,926	14.90	29
5. FUZE M772					20,681	153.39	3,172	1,926	172.36	332
6. OTHER HARDWARE							128			12
<b>SUBTOTAL</b>							9,222			904
<b>PROCUREMENT SUPPORT</b>										
1. ENGINEERING SUPPORT										497
2. QUALITY ASSURANCE										107
3. PROOF & ACCEPTANCE										178
4. INTERIM TRANSPORTATION										9
5. INDUSTRIAL STOCK SUPPORT - NON CAWCF										36
6. CAWCF GAIN/LOSS SURCHARGE										0
<b>SUBTOTAL</b>										827
<b>NON-RECURRING COSTS</b>										
<b>TOTAL P-1 LINE ITEM</b>						551.74	10,972		934.67	1,731

BUDGET PROCUREMENT HISTORY AND PLANNING										
APPROPRIATION/BUDGET ACTIVITY:					P-1 ITEM NOMENCLATURE:					
PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION					CTG, MORTAR, 81MM, IRI LLLUM, XM816 (E76101)					
LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQD	IF YES, WHEN AVAIL
1. CTG.XM816.LAP FY86	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	Apr 86	Jul 97	19,886	162.70	YES	NO	
	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	Feb 97	May 98	1,852	167.59		NO	
2. IR.CANDLE FY86	CRANE AAA CRANE,IN	SS/FP	IOC	Apr 86	Apr 97	19,886	105.00	YES	NO	
	CRANE AAA CRANE,IN	SS/FP	IOC	Feb 97	Apr 98	1,852	108.18		NO	
3. PROP.CHG.M219 FY86	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Apr 86	Oct 86	81,533	2.91	YES	NO	
	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Feb 97	Aug 97	7,593	2.81		NO	
4. IJN.CTG.MZ52 FY86	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Apr 86	Oct 86	20,681	17.52	YES	NO	
	MARTIN MARIETTA (MILAN AAP) MILAN, TN	SS/FP	IOC	Feb 97	Aug 97	1,926	14.90		NO	
5. FLUZE.MZ72 FY86	JUNGHANS,GERMANY JUNGHANS,GERMANY	SS/FP OPT	IOC IOC	Aug 86 Apr 87	Feb 97 Oct 87	20,681 1,926	153.39 172.36	YES	NO NO	
	JUNGHANS,GERMANY JUNGHANS,GERMANY	SS/FP OPT	IOC IOC	Aug 86 Apr 87	Feb 97 Oct 87	20,681 1,926	153.39 172.36	YES	NO NO	

REMARKS:

Sole source to Pine Bluff Arsenal to workload specified mission facility.  
 Sole source to Crane AAA due to available tooling and expertise.  
 Sole source to Milan AAP due to available tooling and expertise.  
 Sole source to Junghans as only responsible source.

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

C484

P20A DISPLAY FOR DODIC:

ITEM: CTG, 81MM ILLUM INFRARED  
MODEL NO: M853A1E2

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE	3,193	2,157	1,230	6,580	
FORCES AFLOAT			983	983	
SUBTOTAL					7,563
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE	2,731	14,454	6,043	23,228	
FORCES AFLOAT			4,200	4,200	
SUBTOTAL					27,428
MRC TOTALS					34,991
3 SPECIAL MISSION FORCES					
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	3,207				3,207
6 GEO PREPOSITIONED					
NALMEB					
GITMO					
WRSB					
7 RESIDUAL					
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	3,207	5,924	16,611	12,456	38,198

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

ASSET DYNAMICS

DATE

PROCUREMENT OBJECTIVE: 38198 DODIC: C484  
 ACQUISITION OBJECTIVE: 38198 DESCRIPTION: CTG, 81MM ILLUM INFRARED  
 LEADTIME: 17

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$551.4700	\$934.6700
TOTAL PRICE:	\$0	\$0	\$0	\$10,972,000	\$1,731,000
FY BUDGET QTY:	0	0	0	19886	1852
GAINS:					
FDP DELIVERIES:	0	0	0	0	11600
OTHER ( 93 & PRIOR)	8370	8370	0	0	0
TOTAL:	8370	8370	0	0	11600
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	0	801	801
WASHOUT:	0	0	25	25	23
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	0	0	25	826	824
NET CHANGE (+/-)	8370	8370	-25	-826	10777
ASSET POSITION:					
STD SERVICEABLE:	0	8370	8345	7519	18295
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	8370	8345	7519	18295
TOTAL:	0	8370	8345	7519	18295
\$ VALUE:	\$0	\$0	\$0	\$4,146,423	\$17,100,223
RECOMMENDED BUY QTY	38198	29828	29853	30679	19903
\$ VALUE:	\$0	\$0	\$0	\$16,918,628	\$18,602,302
DEFICIENCY A.O.	38198	29828	29853	30679	19903
\$ VALUE:	\$0	\$0	\$0	\$16,918,628	\$18,602,302
PERCENT OF OBJECTIVE:	0%	22%	22%	20%	48%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 01-238-1)

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 CTG, 81MM SMOKE RP

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	11,203	13,997	7,427	0	0	15,093	16,227
COST (M\$)	0.000	4.301	5.330	2.573	0.000	0.000	5.616	6.171

The 81mm Smoke Screening (Red Phosphorous) M819 will be used in the medium, extended range mortar system M252. The round, upon functioning of the time fuze will eject 28 red phosphorous wedges and randomly disperse them on the target to quickly produce an obscuring smoke for five minutes or longer.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty	18710	18710	18710
Consumption	356	299	242
Loss	0	0	11203
Gain			

81 MM Smoke Screen correlates to PANMC P-1 Number 25.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	4.301	5.330	2.573	0.000	0.000	5.616	6.171
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	4.301	5.330	2.573	0.000	0.000	5.616	6.171

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: 1315-01-353-7620  
 NSN: ( C870 )

P-1 ITEM NOMENCLATURE:  
 CTG, 81MM SMOKE RP

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL		
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST				
<b>HARDWARE</b>												
1. LOAD, ASSEMBLE, AND PACK (LAP)			11203	163.62	1833		13997	155.90	2182	7427	148.76	1105
2. FZ M772			11652	112.95	1316		14557	108.77	1583	7725	100.72	778
3. PROP CHG M218			45933	1.79	82		57388	1.74	100	30451	1.89	58
4. CONTAINER ASSY			45933	1.95	89		57388	2.30	132	30451	2.09	64
5. NITROCELLULOSE MW GR A (LB)			762	8.99	7		952	9.08	9	506	9.53	5
6. IGN CTG M752AL			11652	12.59	147		14557	11.62	169	7725	10.07	78
7. M9 FLAKE .010 (LB)			262	51.29	13		327	34.67	11	174	40.09	7
<b>SUBTOTAL</b>					3487				4186			2095
<b>PRODUCT</b>												
1. PRODUCTION ENGINEERING					136				130			96
2. QUALITY ASSURANCE					6				6			3
3. ACCEPTANCE TESTING					162				48			23
4. INTERIM TRANSPORTATION					21				16			20
5. INDUSTRIAL STOCK SUPPORT					209				179			81
6. CAMCF GAIN/LOSS SURCHARGE					280				765			255
<b>SUBTOTAL</b>					814				1144			478
*****												
<b>TOTAL P-1 LINE ITEM</b>				383.90	4301			380.77	5330		346.40	2573

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1315-01-353-7620

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 81MM SMOKE RP

( C870 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	----------------------	-------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	MAR 95	OCT 96	11203	163.62	YES	NO	NO
FY 1996	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	MAY 96	SEP 97	13997	155.90	YES	NO	NO
FY 1997	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	DEC 96	SEP 98	7427	148.76	YES	NO	NO

2 . FZ M772

FY 1995	JUNGHAMS SCHRAMBERG, GERMANY	SS/FP	IOC	MAR 95	JUL 96	11652	112.95	YES	NO	NO
FY 1996	JUNGHAMS SCHRAMBERG, GERMANY	SS/FP	IOC	AUG 96	JUL 97	14557	108.77	YES	NO	NO
FY 1997	JUNGHAMS SCHRAMBERG, GERMANY	SS/FP	IOC	MAR 97	JUL 98	7725	100.72	YES	NO	NO

3 . PROP CHG M218

FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	JUL 96	45933	1.79	YES	NO	NO
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAY 96	JUN 97	57388	1.74	YES	NO	NO
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	AN 97	JUN 98	30451	1.89	YES	NO	NO

4 . CONTAINER ASSY

FY 1995	ARMTEC DEFENSE PROD COACHELLA, CA	C/FP	IOC	AUG 95	JUN 96	45933	1.95	YES	NO	NO
---------	--------------------------------------	------	-----	--------	--------	-------	------	-----	----	----

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1315-01-353-7620

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 81MM SMOKE RP

( C870 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF		QUANTITY	UNIT COST	SPECS		SPECS IF YES	
					FIRST	DELIVERY			AVAIL	NOW		REV
FY 1996		C/FP	IOC	SEP 96	APR 97		57388	2.30	YES	NO	NO	
FY 1997		C/FP	IOC	SEP 97	APR 98		30451	2.09	YES	NO	NO	
5 . NITROCELLULOSE WW GR A (LB)												
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	APR 96		762	8.99	YES	NO	NO	
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAY 96	APR 97		952	9.08	YES	NO	NO	
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	APR 98		506	9.53	YES	NO	NO	
6 . IGN CTG M752A1												
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	JUN 96		11652	12.59	YES	NO	NO	
FY 1996	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	MAY 96	JUN 97		14557	11.62	YES	NO	NO	
FY 1997	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 97	JUN 98		7725	10.07	YES	NO	NO	
7 . M9 FLAKE .010 (LB)												
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	AUG 95	MAY 96		262	51.29	YES	NO	NO	
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAY 96	MAY 97		327	34.67	YES	NO	NO	
FY 1997	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 97	MAY 98		174	40.09	YES	NO	NO	

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1315-01-353-7620

P-1 ITEM NOMENCLATURE

( C870 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 81MM SMOKE RP

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	NOW	AVAIL	SPECS REV	WHEN REQD	SPECS IF YES

REMARKS:

LINE ITEM 2 - \*\* PACING COMPONENT LINE ITEM 4 - TBS - To Be Selected

ASSET DYNAMICS

DATE: 03/14/96

PROCUREMENT OBJECTIVE: 177984 DODIC: C870  
 ACQUISITION OBJECTIVE: 177984 DESCRIPTION: CTG, 81MM SMOKE RP  
 LEADTIME: 24  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$383.9000	\$380.7700	\$346.4000
TOTAL PRICE:	\$0	\$0	\$4,301,000	\$5,330,000	\$2,573,000
FY BUDGET QTY:		0	11203	13997	7427
GAINS:					
FDP DELIVERIES:		0	0	0	11203
OTHER ( 93 & PRIOR)		111680	0	0	0
TOTAL:		111680	0	0	11203
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		18710	18710	18710	18710
WASHOUT:		78	356	299	242
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		18788	19066	19009	18952
NET CHANGE (+/-)		92892	-19066	-19009	-7749
ASSET POSITION:					
STD SERVICEABLE:	25886	118778	99712	80703	72954
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	25886	118778	99712	80703	72954
\$ VALUE:	\$0	\$0	\$38,279,439	\$30,729,232	\$25,271,183
RECOMMENDED BUY QTY	152098	59206	78272	97281	105030
\$ VALUE:	\$0	\$0	\$30,048,618	\$37,041,736	\$36,382,474
DEFICIENCY A.O.	152098	59206	78272	97281	105030
\$ VALUE:	\$0	\$0	\$30,048,618	\$37,041,736	\$36,382,474
PERCENT OF OBJECTIVE:	15%	67%	56%	45%	41%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/PROCUREMENT, MARINE CORPS, BA 01 (RCN: 01-380-1)  
 P-1 NOMENCLATURE:  
 CTG, 120MM TPCSDST

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	15,960	13,063	4,655	14,037	0	10,210	0
COST (M\$)	0.000	10.313	8.714	2.545	8.143	0.000	6.623	0.000

This cartridge is a target practice round for use with the 120mm smooth bore M246 cannon mounted on the M1A1 tank. It is designed to duplicate employment of the kinetic energy service round (APFSDS-T). The reduced maximum range (7,500 meters) allows practice firing in short range training areas.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund. This is a multi-year procurement with the US Army for FY95 - FY98.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Projected Qty	FY95	FY96	FY97
Consumption	13276	13276	13276
Loss	34	7	7
Gain	4310	13407	13787

This item is code "A".

120 MM TPCSDS-T M865 correlates to PANMC P-1 Number 27.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	10.313	8.714	2.545	8.143	0.000	6.623	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	10.313	8.714	2.545	8.143	0.000	6.623	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1315-01-305-9252  
( C785 )

P-1 ITEM NOMENCLATURE:  
CTG, 120MM TPCSDST

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL	
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST			
HARDWARE											
1. COMPLETE ROUND			15960	524.01	8363		13063	524.01	6845	2285	
SUBTOTAL				8363				6845		2285	
PRODUCT											
1. PRODUCTION ENGINEERING				327				212		3	
2. QUALITY ASSURANCE				13				10			
3. ACCEPTANCE TESTING				388				79			
4. INTERIM TRANSPORTATION				51				26		5	
5. INDUSTRIAL STOCK SUPPORT				499				291			
6. CAMCF GAIN/LOSS SURCHARGE				672				1251		252	
SUBTOTAL				1950				1869		260	
*****											
TOTAL P-1 LINE ITEM			646.16	10313			667.06	8714		546.63	2545

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1315-01-305-9252

P-1 ITEM NOMENCLATURE

( C785 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 120MM IPCSDST

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
1 . COMPLETE ROUND									
FY 1995	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	FEB 95	JAN 96	9390	524.01	YES	NO
FY 1995	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	FEB 95	FEB 96	6570	0.00	YES	NO
FY 1996	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	JAN 96	JAN 97	7838	524.01	YES	NO
FY 1996	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	JAN 96	APR 97	5225	0.00	YES	NO
FY 1997	OLIN CORP ST PETERSBURG, FL	C/FP	IOC	JAN 97	JAN 98	4655	490.92	YES	NO

REMARKS:

LINE ITEM 1 - # ACTUAL CONTRACT PRICE FOR MULTIPLE PRODUCERS LINE ITEM 1 - TBS - TO BE SELECTED, ALLIANT/OLIN 60-40 SPLIT LINE ITEM 1 - MULTI-YEAR PROCUREMENT FY 95 - FY 98

DATE: \_\_\_\_\_

PM: AM  
RCN: 03013801

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A  
MRC SEQUENCE

ITEM: CTG, 120MM TPCSDS-T  
MODEL NO: M865

INVENTORY OBJECTIVE QUANTITIES  
POST D-DAY CONSUMPTION

INITIAL ISSUE OF EQUIPMENT  
SUBTOTAL

C785

P20A DISPLAY FOR DODIC:

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

MAJOR REGIONAL CONFLICT "A"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MAJOR REGIONAL CONFLICT "B"  
FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

6 GEO PREPOSITIONED  
NALMEB  
GITMO  
WRSA

7 RESIDUAL

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

MPS BREAKOUT  
MPS 1  
MPS 2  
MPS 3

14,785

14,785

8,101

8,101

22,886

22,886

8-4

8-5

PAGE NO.

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			1995				1996				1997				1998				1999				2000				2001				2002							
			Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4	Q1	Q2	Q3	Q4								
1	ALLIANT TECH SYS, JOLIET, IL	82.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	ALLIANT TECH SYS, JOLIET, IL	50.0	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
3	OLIN MARION, MARION, IL	211	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			3.40	0.00																																		
			2.30	0.00																																		
			9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			8.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
			21.0	2.00	19.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
				0.00	0.00																																	
			21.0	0.00	21.0	0.00																																
			7.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
			5.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
				0.00	0.00																																	
				0.00	0.00																																	
			145	112	33.0	9.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	2.0	
			158	21.0	137		13	11	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13	13
			157	0.00	157																																	
TOTAL MONTHLY PROD			132	543	9	0	9	0	19	0	2	0	1	13	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	15	

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	PRODUCTION RATES		MONTHS TO MAX AFTER 5 DAY	PROCUREMENT LEAD TIME	
			MINIMUM	MAXIMUM		ADMIN LEAD TIME	PROD LEAD TIME
1	ALLIANT TECH SYS, JOLIET, IL	82.0	7.20	24.00	5.00	INITIAL	6.00   6.00   6.00   6.00   6.00   6.00
2	ALLIANT TECH SYS, JOLIET, IL	50.0	12.00	40.00	5.00	REORDER	6.00   4.00   11.00   15.00
3	OLIN MARION, MARION, IL	211	4.80	16.00	5.00		

REMARKS: BY SYSTEMS CONTRACTORS.  
 1995 M831 LINE SHARE  
 BOB CONTRACTORS LAR JOMA ACP FOR FY94/95  
 1995-98 MULTI YEAR PROCUREMENT 60/40 SPLIT  
 QUANTITY IN THOUSANDS

PRODUCTION SCHEDULE (EXHIBIT P-21)

P-1 ITEM NOMENCLATURE: CIG, 12MM TPCSDST

APPROPRIATION/BUDGET: MARINE CORPS, BA 01

IODDIC: C785 I

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	1996		1997		1998																															
			FY	FY	FY	FY	FY	FY																														
			96	97	98	99	00	01																														
1	ALLIANT TECH SYS, JOLIET, IL	216	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
2	ALLIANT TECH SYS, JOLIET, IL	216	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
3	OLIN MARION, MARION, IL	216	96	97	98	99	00	01	02	03	04	05	06	07	08	09	10	11	12	13	14	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	31
TOTAL MONTHLY PROD		132	543	9.0	19.0	12.0	13	15	15	15	15	15	11	10	15	8.0	18	15	13	15	14	16	13	18	12	16	10	15	13	22	21	20	20	20	20	20	20	40.0

FAC NO.	MANUFACTURER NAME & LOCATION	MINIMUM	MAXIMUM	MONTHS TO MAX DAY	
				PRI	AFT
1	ALLIANT TECH SYS, JOLIET, IL	7.20	9.00	6.00	10.00
2	ALLIANT TECH SYS, JOLIET, IL	12.00	15.00	6.00	10.00
3	OLIN MARION, MARION, IL	4.80	6.00	4.00	11.00

FAC NO.	MANUFACTURER NAME & LOCATION	PROCUREMENT LEAD TIME	
		ADMIN	PRODUCTION
1	ALLIANT TECH SYS, JOLIET, IL	6.00	10.00
2	ALLIANT TECH SYS, JOLIET, IL	6.00	10.00
3	OLIN MARION, MARION, IL	6.00	11.00

REMARKS: BY SYSTEMS CONTRACTORS.  
 PRODUCED BY SYSTEMS CONTRACTORS.  
 1885/1881 LINE SHARE  
 BOTH CONTRACTORS ARE LOWA MAP FOR FY94/95  
 FY95-98 MULTY YEAR PROCUREMENT 60/40 SPLIT  
 QUANTITY IN THOUSANDS



FAC	NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY			FISCAL YEAR 1999			FISCAL YEAR 2000			FISCAL YEAR 2001		
			FY 96	FY 97	FY 98	FY 99	00	01	02	03	04	05	06	07
1	ALLIANT TECH SYS, JOLIET, IL	7.20	9.00	24.00	5.00									
2	ALLIANT TECH SYS, JOLIET, IL	12.00	15.00	40.00	5.00									
3	OLIN MARION, MARION, IL	4.80	6.00	16.00	5.00									
TOTAL MONTHLY PROD			635	40.0	20	20								

FAC	NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES			MONTHS TO		
			MINIMUM	MAXIMUM	185	BEFORE	AFTER	DAY
1	ALLIANT TECH SYS, JOLIET, IL	7.20	9.00	24.00	5.00			
2	ALLIANT TECH SYS, JOLIET, IL	12.00	15.00	40.00	5.00			
3	OLIN MARION, MARION, IL	4.80	6.00	16.00	5.00			

FAC	NO.	MANUFACTURER NAME & LOCATION	PROCUREMENT LEAD TIME		
			ADMIN	PROD	AFTER
1	ALLIANT TECH SYS, JOLIET, IL	6.00	6.00	10.00	16.00
2	ALLIANT TECH SYS, JOLIET, IL	6.00	6.00	10.00	16.00
3	OLIN MARION, MARION, IL	6.00	4.00	11.00	15.00

FAC	NO.	MANUFACTURER NAME & LOCATION	CALENDAR YEAR															
			1999	2000	2001	2002	2003	2004	2005	2006	2007	2008	2009	2010				
1	ALLIANT TECH SYS, JOLIET, IL																	
2	ALLIANT TECH SYS, JOLIET, IL																	
3	OLIN MARION, MARION, IL																	

REMARKS: BY SYSTEMS CONTRACTORS.  
 8007 CONTRACTOR TO MAINTAIN FOR FY04/05  
 8007 CONTRACTOR TO MAINTAIN FOR FY04/05  
 QUANTITY IN THOUSANDS

8-9

THIS PAGE INTENTIONALLY LEFT BLANK

P-1 SHOPPING LIST  
ITEM NO. 8

PAGE NO. 10

DATE:

BUDGET ITEM JUSTIFICATION SHEET

(RCN: 01-379-1)

P-1 NOMENCLATURE:

CTG, 120MM TPT

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	7,086	4,510	2,930	11,732	0	4,571	0
COST (M\$)	0.000	4.937	3.244	1.723	7.338	0.000	3.121	0.000

This cartridge is a target practice round used to simulate the ballistics for the M830 HEAT-MP-T round. This cartridge is fired from the 120mm smooth bore M256 cannon mounted on the M1A1 tank. The external appearance of the cartridge is similar to that of the M830 service round; however, it does not contain any explosives or shaped charge. The round is fired in the same manner as the service round and the flight characteristics are similar.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund. This is a multi-year procurement with the US Army FY95 - FY98.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projected Qty	1496	5905	4939
Consumption	5	0	0
Loss	0	5905	4939
Gain			

This item is code "A".

120 MM TP-T M831 correlates to PANMC P-1 Number 28.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	4.937	3.244	1.723	7.338	0.000	3.121	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	4.937	3.244	1.723	7.338	0.000	3.121	0.000





FY	FY	FY	FY	FY	FY	FY	FY	FY	CALENDAR YEAR 2000																		
									JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC							
95P	96	97	98	99	00	1998	1998	1998	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
ALL	133								133	0.00																	
ALL	62.0								62.0	0.00																	
ALL	51.0								51.0	0.00																	
ALL	92.0								83.0	9.00	9.0																
TOTAL MONTHLY PROD										328	9.00	9.0															

REMARKS: BY SYSTEMS CONTRACTORS.  
 PRODUCED BY LINE SHARE STAND ALONE  
 PRODUCTION RATES ARE AT NOMINAL  
 BOTH CONTRACTORS ARE AT NOMINAL FOR FY04/95  
 FY95-98 MONTHLY PRODUCTION 60/40 SPLIT  
 QUANTITY IN THOUSANDS

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO MAX AFTER DAY		PROCUREMENT LEAD TIME				
		MINIMUM	MAXIMUM	PRI	OCT	AFT	OCT	PRODUCTION	AFTER	
1	ALLIANT TECH SYS. JOLIET, IL	7.20	9.00	24.00	5.00	6.00	6.00	9.00	15.00	14.00
2	ALLIANT TECH SYS. JOLIET, IL	12.00	15.00	40.00	5.00	6.00	6.00	9.00	15.00	14.00
3	OLIN MARION, MARION, IL	4.80	6.00	16.00	5.00	6.00	6.00	9.00	15.00	14.00

9-9

THIS PAGE INTENTIONALLY LEFT BLANK

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ (P-1 NOMENCLATURE: (ALTCODE: 010001 )  
 PROCUREMENT, MARINE CORPS, BA 01 25MM, ALL TYPES

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	8.863	6.582	4.807	2.852	5.400	4.684	3.721

This P-40 combines all 25mm ammunition including high explosive (HE), and training practice (TP) rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

25 MM, All Types correlates to PANMC P-1 Number 31.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994		FY - 1995		FY - 1996		FY - 1997	
		QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
P-1 ITEM NOMENCLATURE 25MM, ALL TYPES (010001)									
(TOTAL COST IN MILLIONS OF DOLLARS)									
CTG, 25MM APDST LINKED		0	0.000	147426	3.745	0	0.000	0	0.000
CTG, 25MM DUMMY LINKED		0	0.000	2692	0.088	0	0.000	0	0.000
CTG, 25MM HEIT LINKED		0	0.000	57062	1.940	0	0.000	0	0.000
CTG, 25MM TPDS-T LINKED		0	0.000	0	0.000	0	0.000	55913	0.961
CTG, 25MM TPT LINKED		0	0.000	196022	3.090	405733	6.582	264954	3.846
TOTAL VALUE			0.000		8.863		6.582		4.807

10-2

BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:  
 CTG, 25MM APDST LINKED  
 RCN 01-297-1

APPROPRIATION/  
 PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	147,426	0	0	0	0	0	0
COST (\$)	0.000	3.745	0.000	0.000	0.000	0.000	0.000	0.000

The M791 cartridge is an armor piercing discarding sabot with tracer round. This cartridge is a fixed type, percussion primed 25mm ammunition, intended as the armor piercing service round to successfully engage light armored vehicles.

For FY95 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	0	0	0
Loss	1282	1278	1664
Gain	56207	129920	73713

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	3.745	0.000	0.000	0.000	0.000	0.000	0.000
COST (\$)	0.000	3.745	0.000	0.000	0.000	0.000	0.000	0.000

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-380-8960  
( A974 )

P-1 ITEM NOMENCLATURE:  
CTG, 25MM APDST LINKED

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY	
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST
HARDWARE								
1. LOAD, ASSEMBLE, AND PACK (LAP)			147426	20.54	3028			
2. PALLET MK3-0			138	64.61	9			
SUBTOTAL					3037			
PRODUCT								
1. PRODUCTION ENGINEERING					119			
2. QUALITY ASSURANCE					5			
3. ACCEPTANCE TESTING					141			
4. INTERIM TRANSPORTATION					19			
5. INDUSTRIAL STOCK SUPPORT					180			
6. CAWCF GAIN/LOSS SURCHARGE					244			
SUBTOTAL					708			
*****			25.40		3745		*****	
TOTAL P-1 LINE ITEM								

10-4

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-380-8960

P-1 ITEM NOMENCLATURE

( A974 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 25MM APDST LINKED

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS IF YES	REV WHEN	REQD AVAIL
---------------------------	------------	------------------------------	----	---------------	------------------------------	----------	-----------	--------------	-----------------	-------------	---------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 OLIN MARION  
MARION, IL

NO

YES

66330

MAY 95 JUL 96

IOC

C/FP

2 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 ALLIANT TECH SYS  
JOLIET, IL

NO

YES

20.33

MAY 95 JUL 96

AMCCOM

C/FP

3 . PALLET MK3-0

FY 1995 BEHLEN MFG  
COLUMBUS, NE

NO

YES

64.61

AUG 95 OCT 95

AMCCOM

C/FP

REMARKS:

LINE ITEM 2 - # ACTUAL CONTRACT PRICE FOR MULTIPLE PRODUCERS

804983  
804983  
18  
30 SEPT 1993

A97#  
DODIC: CTG, 25MM APDST LINKED

FY 1996  
FY 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$20.9800	\$25.4000	\$0.0000	\$0.0000
TOTAL PRICE:		\$2,358,000	\$3,745,000	\$0	\$0
FY BUDGET QTY:		112414	147426	0	0
GAINS:					
FDP DELIVERIES:	0	0	56207	129920	73713
OTHER ( 93 & PRIOR):	322025	322025	56207	129920	73713
TOTAL:					
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	8898	8898	0	0	0
PEACETIME:	343	343	1282	1278	1664
WASHOUT:	0	0	0	0	0
SALES:	0	0	0	0	0
OTHER:	9241	9241	1282	1278	1664
TOTAL:	312784	312784	-1282	128642	72049
NET CHANGE (+/-)					
ASSET POSITION:					
STD SERVICEABLE:	114398	427182	425900	554543	626592
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	114398	427182	425900	554543	626592
TOTAL:	\$0	\$8,962,274	\$10,817,867	\$0	\$0
\$ VALUE:					
RECOMMENDED BUY QTY	690585	377801	379083	250440	178391
\$ VALUE:	\$0	\$7,926,269	\$9,628,702	\$0	\$0
DEFICIENCY A.O.	690585	377801	379083	250440	178391
\$ VALUE:	\$0	\$7,926,269	\$9,628,702	\$0	\$0
PERCENT OF OBJECTIVE:	14%	53%	53%	69%	78%

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01 | P-1 NOMENCLATURE: | RCN 01-301-1  
 CTG, 25MM DUMMY LINKED

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	2,692	0	0	0	0	0	0
COST (M\$)	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000

This item is a dummy round used for functional testing and familiarization training with the 25mm machine gun.

For FY95 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	4025	4025	4025
Loss	121	109	101
Gain	0	1346	1346

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.088	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-212-2155

P-1 ITEM NOMENCLATURE

( A967 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 25MM DUMMY LINKED

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL	IF YES REV	WHEN REQD AVAIL
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	----------------	---------------	-----------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 ALLIANT TECH SYS  
JOLIET, IL

AMCCOM

MAY 95 MAY 96

1480

NO

YES

19.97

2 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 OLIN MARION  
MARION, IL

AMCCOM

MAY 95 MAY 96

1212

NO

YES

17.67

3 . PALLET MK3-0

FY 1995 BEHLEN MFG  
COLUMBUS, NE

AMCCOM

AUG 95 OCT 95

3

NO

YES

64.61

REMARKS:

LINE ITEM 2 - # ACTUAL CONTRACT PRICE FOR MULTIPLE PRODUCERS

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03012091

A967

P20A DISPLAY FOR DODIC:

ITEM: CTG, 25MM DUMMY LINKED

MODEL NO: M794

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
MRC TOTALS					
3 SPECIAL MISSION FORCES					
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	8,025				8,025
6 GEO PREPOSITIONED					
NALMEB					
GITMO					
WRSA					
7 RESIDUAL	4,397				4,397
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	12,422				12,422

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

10-12

12422 A967 DODIC: 25MM DUMMY LINKED  
 12422 DESCRIPTION: CTG  
 18  
 30 SEPT 1993  
 30 SEPT 1994  
 30 SEPT 1995  
 30 SEPT 1996  
 30 SEPT 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$32.6900	\$0.0000	\$0.0000
TOTAL PRICE:	\$0	\$0	\$88,000	\$0	\$0
FY BUDGET QTY:			2692		
GAINS:					
FDP DELIVERIES:	0	0	0	1346	1346
OTHER ( 93 & PRIOR):	0	0	0	0	0
TOTAL:	0	0	0	1346	1346
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	1167	0	4025	4025	4025
PEACETIME:	125	0	121	109	101
WASHOUT:	0	0	0	0	0
SALES:	0	0	0	0	0
OTHER:	1292	0	4146	4134	4126
TOTAL:	-1292	-1292	-4146	-2788	-2780
NET CHANGE (+/-)					
ASSET POSITION:					
STD SERVICEABLE:	41778	40486	36339	33551	30772
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	41778	40486	36339	33551	30772
TOTAL:	\$0	\$0	\$1,187,929	\$0	\$0
\$ VALUE:					
RECOMMENDED BUY QTY	-29356	-28064	-23917	-21129	-18350
\$ VALUE:	\$0	\$0	(\$781,854)	\$0	\$0
DEFICIENCY A.O.	-29356	-28064	-23917	-21129	-18350
\$ VALUE:	\$0	\$0	(\$781,854)	\$0	\$0
PERCENT OF OBJECTIVE:	336%	326%	293%	270%	248%

10-13

PAGE NO.

10-14

BUDGET ITEM JUSTIFICATION SHEET

DATE

RCN 01-298-1

APPROPRIATION/ | P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 | CTG, 25MM HEIT LINKED

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	57,062	0	0	0	0	0	0
COST (M\$)	0.000	1.940	0.000	0.000	0.000	0.000	0.000	0.000

The M792 cartridge is a percussion primed 25mm, HEI-T (High Explosive Incendiary-Tracer) cartridge for use in a 25mm weapon system. The M792 will provide the high explosive ammunition to successfully engage unarmored ground targets.

For FY95 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	26450	26450	26450
Loss	3523	3433	3429
Gain	0	28531	28531

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	1.940	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	1.940	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST

ITEM NO.

10-15

Page

EXHIB 140

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
 CTG, 25MM HEIT LINKED

DATE:  
 NSN: 1305-01-380-9884  
 ( A975 )

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (LAP)			57062	16.46	939					
2. FUZE M758			59345	8.96	532					
3. PBXN-5 TYPE I, CLASS 3 (LB)			115	40.29	5					
4. *RDX TYPE II, CLASS 7 (LB)			9	5.00						
5. PBXN 5 TYPE II, CLASS 3 (LB)			4565	20.62	94					
6. PALLET MK3-0			54	64.61	3					
<b>SUBTOTAL</b>					1573					
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING					62					
2. QUALITY ASSURANCE					3					
3. ACCEPTANCE TESTING					73					
4. INTERIM TRANSPORTATION					10					
5. INDUSTRIAL STOCK SUPPORT					93					
6. CAWCF GAIN/LOSS SURCHARGE					126					
7. *GOVERNMENT FURNISHED MATERIAL										
<b>SUBTOTAL</b>					367					
*****										
<b>TOTAL P-1 LINE ITEM</b>				34.00	1940					

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-380-9884

P-1 ITEM NOMENCLATURE

( A975 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 25MM HEIT LINKED

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS AVAIL REV	SPECS IF YES WHEN REQD AVAIL
---------------------------	------------	------------------------------	----	---------------	------------------------------	----------	-----------	-----------------------	-----------------------	---------------------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995 OLIN MARION  
MARION, IL

C/FP

IOC

MAY 95

MAY 96

57062

16.46

YES

NO

2 . FUZE M758

FY 1995 ALLIANT TECH SYS  
JOLIET, IL

C/FP

IOC

AUG 95

MAR 96

59345

8.96

YES

NO

3 . PBXN-5 TYPE I, CLASS 3 (LB)

FY 1995 HOLSTON DEFENSE CORP  
KINGSPORT, TN

SS/CPFF

IOC

MAR 95

DEC 95

115

40.29

YES

NO

4 . \*RDX TYPE II, CLASS 7 (LB)

FY 1995 STOCK ISSUE

N/A

N/A

N/A

N/A

9

5.00

YES

NO

5 . PBXN 5 TYPE II, CLASS 3 (LB)

FY 1995 HOLSTON DEFENSE CORP  
KINGSPORT, TN

SS/CPFF

IOC

MAR 95

DEC 95

4565

20.62

YES

NO

6 . PALLET MK3-0

FY 1995 BEHLEN MFG  
COLUMBUS, NE

C/FP

IOC

AUG 95

DEC 95

54

64.61

YES

NO

Page 10-17

EXHIBIT P-5A

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-380-9884

P-1 ITEM NOMENCLATURE

( A975 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 25MM HEIT LINKED

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	NOW	REQD	AVAIL	SPECS AVAIL	IF YES REV	WHEN RECD	AVAIL

REMARKS:

LINE ITEM 4 - # ACTUAL CONTRACT PRICE FOR MULTIPLE PRODUCERS

ASSET DYNAMICS

DATE :

PROCUREMENT OBJECTIVE: 1432844  
 ACQUISITION OBJECTIVE: 1432844  
 LEADTIME : 18

DODIC: A975  
 DESCRIPTION: CTG, 25MM HEIT LINKED

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$34.0000	\$0.0000	\$0.0000
TOTAL PRICE:	\$0	\$1,940,000	\$0	\$0
FY BUDGET QTY:	0	57062	0	0
GAINS:				
FDP DELIVERIES:	0	0	28531	28531
OTHER ( 93 & PRIOR)	875655	0	0	0
TOTAL:	875655	0	28531	28531
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	29695	26450	26450	26450
WASHOUT:	988	3523	3433	3429
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	30683	29973	29883	29879
NET CHANGE (+/-)	844972	-29973	-1352	-1348
ASSET POSITION:				
STD SERVICEABLE:	329416	1144415	1143062	1141714
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	329416	1144415	1143062	1141714
\$ VALUE:	\$0	\$38,910,096	\$0	\$0
RECOMMENDED BUY QTY				
\$ VALUE:	1103428	288429	289782	291130
	\$0	\$9,806,600	\$0	\$0
DEFICIENCY A.O.				
\$ VALUE:	1103428	288429	289782	291130
	\$0	\$9,806,600	\$0	\$0
PERCENT OF OBJECTIVE:	23%	80%	80%	80%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:

CTG, 25MM TPDS-T LINKED

APPROPRIATION/

PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	55,913	51,846	50,394	48,895	47,485
COST (M\$)	0.000	0.000	0.000	0.961	0.954	0.948	0.940	0.933

This training unique item is designed to ballistically match the firing characteristics of the M791 armor piercing cartridge.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	0	0	0
Loss	0	0	0
Gain	0	0	0

This item is code "A"

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.961	0.954	0.948	0.940	0.933
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.961	0.954	0.948	0.940	0.933

P-1 SHOPP LIST

ITEM NO.

Page 10-22

EXHIBIT P-40

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-01-350-5265

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 25MM TPDS-T LINKED

( A940 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS AVAIL REV	SPECS IF YES WHEN REQD AVAIL
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	-----------------------	-----------------------	---------------------------------------

1 . COMPLETE ROUND

FY 1997

C/FP

IOC

MAR 97 MAY 98

55913

14.56

YES

NO

REMARKS:

LINE ITEM 1 - TBS - To Be Selected



FAC NO.	U M	S B V	PROGRAM QUANTITY		FISCAL YEAR 1999		FISCAL YEAR 2000		FISCAL YEAR 2001		L A R	
			FY 96	FY 97	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03		
			ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO	ACCPT PRI TO		
			0.11	0.07	0.26	0.21	2.27	1.00	1.33	0.00	0.00	0.00
			0.18	0.47	2.27	1.06	1.33	0.00	0.00	0.00	0.00	0.00
			2.27	2.39	3.98	1.33	2.01	2.01	2.01	2.01	2.01	1.3
TOTAL MONTHLY PROD												

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO MAX DAY AFTER		PROCUREMENT LEAD TIME		REMARKS QUANTITY IN MILLIONS
		MINIMUM	MAXIMUM	185	185	ADMIN LEAD TIME	PROD UCTION	
1	ALLIANT TECH SYS, JOLIET, IL	0.26	0.75	2.00	2.00	PRI OCT	AFT OCT	
2	OLIN MARION, MARION, IL	0.33	0.94	2.00	2.00	INITIAL REORDER	4.00   6.00   14.00   20.00	

Page

10-29

BUDGET ITEM JUSTIFICATION SHEET

DATE:

RCN 01-300-1

P-1 NOMENCLATURE:  
CTG, 25MM TPT LINKED

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	196,022	405,733	264,954	127,172	291,779	240,104	174,943
COST (M\$)	0.000	3.090	6.582	3.846	1.898	4.452	3.744	2.788

The M793 cartridge is a percussion primed 25mm TP-T (Target Practice) for use in the 25mm weapon system. The M793 will provide the practice ammunition to ballistically match the HEI-T service ammunition.

This is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	306752	306752	306638
Loss	1570	645	17
Gain	0	98011	300878

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	3.090	6.582	3.846	1.898	4.452	3.744	2.788
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	3.090	6.582	3.846	1.898	4.452	3.744	2.788

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
 CTG, 25MM TPT LINKED

DATE:  
 NSN: 1305-01-380-5862  
 ( A976 )

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		196022 )		FY 1996 (QTY		405733 )		FY 1997 (QTY		264954 )	
	QTY	UNIT COST	TOTAL	TOTAL	QTY	UNIT COST	TOTAL	TOTAL	QTY	UNIT COST	TOTAL	TOTAL	QTY	UNIT COST	TOTAL	
<b>HARDWARE</b>																
1. LOAD, ASSEMBLE, AND PACK (LAP)				2494	196022	12.72	2494	405733	12.74	5170	264954	11.81	3130			
2. PALLET MK3-0			12		183	64.61	12									
<b>SUBTOTAL</b>			2506				2506			5170			3130			
<b>PRODUCT</b>																
1. PRODUCTION ENGINEERING			98				98			160			143			
2. QUALITY ASSURANCE			4				4			7			4			
3. ACCEPTANCE TESTING			116				116			59			34			
4. INTERIM TRANSPORTATION			15				15			20			30			
5. INDUSTRIAL STOCK SUPPORT			150				150			221			124			
6. CAWCF GAIN/LOSS SURCHARGE			201				201			945			381			
<b>SUBTOTAL</b>			584				584			1412			716			
*****																
<b>TOTAL P-1 LINE ITEM</b>			3090			15.76	3090		16.22	6582		14.52	3846			

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE NSN: 1305-01-380-5862

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 25MM TPT LINKED ( A976 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
1 . LOAD, ASSEMBLE, AND PACK (LAP)									
FY 1995	OLIN MARION MARION, IL	C/FP	IOC	MAY 95	APR 96	196022	12.72	YES	NO
FY 1996		C/FP	IOC	MAR 96	MAY 97	405733	12.74	YES	NO
FY 1997		C/FP	IOC	MAR 97	MAY 98	264954	11.81	YES	NO
2 . PALLET MK3-0									
FY 1995	BEHLEN MFG COLUMBUS, NE	C/FP	IOC	APR 95	FEB 96	183	64.61	YES	NO

REMARKS:

LINE ITEM 2 - # ACTUAL CONTRACT PRICE FOR MULTIPLE PRODUCERS LINE ITEM 2 - TBS - To Be Selected

Page 10-32

EXHIBIT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03013001

ITEM: CTG, 25MM TP-T LINKED  
MODEL NO: M793

A976

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT	PHASE I	PHASE II	PHASE III	TOTAL
----------------------------	---------	----------	-----------	-------

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

306,752

306,752

6 GEO PREPOSITIONED

NALMEB  
GITMO  
WRSA

7 RESIDUAL

168,084

168,084

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

474,836

474,836

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

10-33

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 474836 DODIC: A976  
 ACQUISITION OBJECTIVE: 474836 DESCRIPTION: CTG, 25MM TPT LINKED  
 LEADTIME : 18

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$15.7600	\$16.2200	\$14.5200
TOTAL PRICE:		\$0	\$3,090,000	\$6,582,000	\$3,846,000
FY BUDGET QTY:		0	196022	405733	264954
GAINS:					
FDP DELIVERIES:		0	0	98011	300878
OTHER ( 93 & PRIOR)		271040	0	0	0
TOTAL:		271040	0	98011	300878
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		155770	306752	306752	306638
WASHOUT:		1228	1570	645	17
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		156998	308322	307397	306655
NET CHANGE (+/-)		114042	-308322	-209386	-5778
ASSET POSITION:					
STD SERVICEABLE:	409444	523486	215163	5777	0
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	409444	523486	215163	5777	0
\$ VALUE:	\$0	\$0	\$3,390,972	\$93,698	\$0
RECOMMENDED BUY QTY	65392	-48650	259673	469059	474836
\$ VALUE:	\$0	\$0	\$4,092,443	\$7,608,141	\$6,894,619
DEFICIENCY A.O.	65392	-48650	259673	469059	474836
\$ VALUE:	\$0	\$0	\$4,092,443	\$7,608,141	\$6,894,619
PERCENT OF OBJECTIVE:	86%	110%	45%	1%	0%



DATE:

PRODUCTION SCHEDULE (EXHIBIT P-21)

IDDDIC: A976

FISCAL YEAR 2001

CALENDAR YEAR 2001

FISCAL YEAR 2000

CALENDAR YEAR 2000

FISCAL YEAR 1999

CALENDAR YEAR 1999

FISCAL YEAR 1998

CALENDAR YEAR 1998

APPROPRIATION/BUDGET MARINE CORPS. BA 01

FACILITY	SERV	PROGRAM QUANTITY	FY 96		FY 97		FY 98		FY 99		FY 00		FY 01		A	R			
			96	97	98	99	00	01	02	03	04	05							
M	A	0.40																	
M	A	0.33																	
M	A	1.30																	
M	A	0.49																	
M	MC																		
M	MC	0.11																	
M	MC	0.09																	
M	MC	0.40																	
M	MC		0.40																
M	MC																		
ALL																			
ALL		0.93																	
ALL			1.70																
ALL				0.75															
TOTAL MONTHLY PROD													3.27	0.11	0.03	0.03	0.02		

REMARKS: QUANTITY IN MILLIONS

ADMIN LEAD TIME	PROCUREMENT LEAD TIME	
	PRI	AFT
INITIAL	6.00	6.00
REORDER	6.00	4.00

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO	
		MINIMUM	185	MAXIMUM	MAX AFTER DAY
1	ALLIANT TECH SYS, JOLIET, IL	0.26	0.26	0.75	2.00
2	OLIN MARION, MARION, IL	0.08	0.20	0.52	0.00

Page

10-36

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(ALTCODE: 014501 )

P-1 NOMENCLATURE:  
9MM, ALL TYPES

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)		1.615	2.916	2.793	2.044	2.698	2.088	1.260

This P-40 combines all 9mm rounds.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

9 MM, All Types correlates to PANMC P-1 Number 32.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/PROCUREMENT MARINE CORPS, BA 01 (014501)  
 P-1 ITEM NOMENCLATURE  
 9MM, ALL TYPES

ELEMENT OF COST (TOTAL COST IN MILLIONS OF DOLLARS)

IDEN CODE	FY - 1994		FY - 1995		FY - 1996		FY - 1997	
	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
CTG, 9MM BALL	0	0.000	0	0.000	18017900	2.698	19824995	2.523
CTG, 9MM DUMMY FOR SMAW	0	0.000	0	0.000	0	0.000	0	0.000
CTG, 9MM FOR SMAW	0	0.000	183916	1.615	0	0.000	0	0.000
CTG, 9MM TPT FOR AT4	0	0.000	0	0.000	372847	0.218	526682	0.270
TOTAL VALUE		0.000		1.615		2.916		2.793

1-2

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ | P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 | CTG, 9MM BALL

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	18,017,900	19,824,995	15,621,221	19,803,931	15,277,092	9,019,071
COST (M\$)	0.000	0.000	2.698	2.523	2.044	2.649	2.088	1.260

This cartridge is the standard ball service round for use in the 9mm handgun.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	15895099	15895099	15895099
Loss	64690	50620	11792
Gain	11269779	3002983	18319083

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	2.384	2.066	2.044	2.066	2.088	1.260
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	2.698	2.523	2.044	2.649	2.088	1.260

P-1 SHOPP LIST  
 ITEM NO.

11-3

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-172-9558  
( A363 )

APPROPRIATION BUDGET ACTIVITY: P-1 ITEM NOMENCLATURE:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01 CTG, 9MM BALL

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		FY 1998 (QTY)			
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE												
1. LOAD, ASSEMBLE, AND PACK (LAP)					18017900	0.11	2016	19824995	0.10	1951		1951
2. BOX METAL M2A1					18379	5.62	103	20222	5.07	102		102
SUBTOTAL							2119			2053		2053
PRODUCT												
1. PRODUCTION ENGINEERING							66					94
2. QUALITY ASSURANCE							3					3
3. ACCEPTANCE TESTING							24					22
4. INTERIM TRANSPORTATION							8					20
5. INDUSTRIAL STOCK SUPPORT							91					81
6. CAWCF GAIN/LOSS SURCHARGE							387					250
SUBTOTAL							579					470
*****												
TOTAL P-1 LINE ITEM							0.15		2698		0.13	2523

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1305-01-172-9558

( A363 )

P-1 ITEM NOMENCLATURE

CTG, 9MM BALL

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORES, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL	NOW	REV	WHEN REQD	SPECS IF YES AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	----------------	-----	-----	--------------	-----------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996	OLIN CORP EAST ALTON, IL	C/FP	IOC	JAN 96	JUL 96	18017900	0.11	YES	YES			NO
FY 1997	OLIN CORP EAST ALTON, IL	C/FP	IOC	JAN 97	JUL 97	19824995	0.10	YES	YES			NO

2 . BOX METAL MZAL

FY 1996		C/FP	IOC	MAY 96	JUN 96	18379	5.62	YES	YES			NO
FY 1997		C/FP	IOC	MAY 97	JUN 97	20222	5.07	YES	YES			NO

REMARKS:

LINE ITEM 2 - TBS - To Be Selected

11-5

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03011321

A363

P20A DISPLAY FOR DODIC:

ITEM: CTG, 9MM BALL

MODEL NO: M882

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		32,599	200,409	56,499	289,507
FORCES AFLOAT				51,977	51,977
SUBTOTAL		48,201	256,146	59,371	363,718
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE				40,250	40,250
FORCES AFLOAT				403,968	403,968
SUBTOTAL				745,452	745,452
MRC TOTALS					
3 SPECIAL MISSION FORCES	324				324
4 PEACETIME OPERATING STOCKS	916,110				916,110
5 TRAINING REQUIREMENT	15,895,099				15,895,099
6 GEO PREPOSITIONED					
NALMEB	38,000				38,000
GITMO	6,723				6,723
WRSA					
7 RESIDUAL	8,828,433				8,828,433
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	25,684,689	80,800	456,555	208,097	26,430,141

MPS BREAKOUT

MPS 1	44,000				44,000
MPS 2	44,000				44,000
MPS 3	44,000				44,000

11-6

PROCUREMENT OBJECTIVE: 26430141  
 ACQUISITION OBJECTIVE: 26430141  
 LEADTIME: 10

DODIC: A363  
 DESCRIPTION: CTG, 9MM BALL

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.1100	\$0.0000	\$0.1500	\$0.1300
TOTAL PRICE:		\$1,521,000	\$0	\$2,698,000	\$2,523,000
FY BUDGET QTY:		13523735	0	18017900	19824995
GAINS:					
FDP DELIVERIES:		2253956	11269779	3002983	18319083
OTHER ( 93 & PRIOR):		0	0	0	0
TOTAL:		2253956	11269779	3002983	18319083
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		16149595	15895099	15895099	15895099
WASHOUT:		106697	64690	50620	11792
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		16256292	15959789	15945719	15906891
NET CHANGE (+/-)		-14002337	-4690010	-12942736	2412191
ASSET POSITION:					
STD SERVICEABLE:	35565782	21563445	16873435	3930699	6342891
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	35565782	21563445	16873435	3930699	6342891
\$ VALUE:	\$0	\$2,371,979	\$0	\$589,605	\$824,576
RECOMMENDED BUY QTY					
\$ VALUE:	-9135641	4866696	9556706	22499442	20087250
	\$0	\$535,337	\$0	\$3,374,916	\$2,611,343
DEFICIENCY A.O.					
\$ VALUE:	-9135641	4866696	9556706	22499442	20087250
	\$0	\$535,337	\$0	\$3,374,916	\$2,611,343
PERCENT OF OBJECTIVE:	135%	82%	64%	15%	24%





BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ | P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 | CTIG, 9MM FOR SMAW

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	183,916	0	0	0	0	0	0
COST (M\$)	0.000	1.615	0.000	0.000	0.000	0.000	0.000	0.000

The spotting round consists of a 9mm bullet crimped into a 7.62 standard Nato case. The propellant is contained within a primed Winchester Hornet case. The trajectory and time of flight of the bullet approximate those of the SMAW Rocket. These rounds are used for training and to enhance the gunners accuracy with the SMAW High Explosive Anti-Armor Rocket, and Dual Mode Rocket System.

	FY95	FY96	FY97
Projected Qty	86752	57825	57825
Consumption	105	156	790
Loss	103956	269218	122611
Gain			

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	1.615	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	1.615	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-157-2460  
( AX11 )

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
CTG, 9MM FOR SMAW

ELEMENT OF COST QM: EA	FY 1994 (QTY		FY 1995 (QTY		FY 1996 (QTY		FY 1997 (QTY		
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
HARDWARE									
1. COMPLETE ROUND	183916	7.12	1310						
SUBTOTAL			1310						
PRODUCT									
1. PRODUCTION ENGINEERING					51				
2. QUALITY ASSURANCE					2				
3. ACCEPTANCE TESTING					61				
4. INTERIM TRANSPORTATION					8				
5. INDUSTRIAL STOCK SUPPORT					78				
6. CAWCF GAIN/LOSS SURCHARGE					105				
SUBTOTAL					305				
*****									
TOTAL P-1 LINE ITEM		8.78	1615						
*****									

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-01-157-2460

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 9MM FOR SMW

( AX11 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD	WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	-----------------------------	---------------

1 . COMPLETE ROUND

FY 1995 PENN AMMO  
DELMONT, PA

C/FP

IOC

AUG 95 SEP 96

183916

7.12

YES

NO

REMARKS:

11-12

Page

EXHIBIT P

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03013051

ITEM: CTG, 9MM FOR SMAW  
MODEL NO: MK217-0

AX11

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT	PHASE I	PHASE II	PHASE III	TOTAL
TOTAL				
1 MAJOR REGIONAL CONFLICT "A"				
FORCES ASHORE				
FORCES AFLOAT				
SUBTOTAL				
2 MAJOR REGIONAL CONFLICT "B"				
FORCES ASHORE				
FORCES AFLOAT				
SUBTOTAL				
MRC TOTALS				
3 SPECIAL MISSION FORCES				
4 PEACETIME OPERATING STOCKS				
5 TRAINING REQUIREMENT				86,752
6 GEO PREPOSITIONED				
NALMEB				
GITMO				
WRSA				
7 RESIDUAL				47,535
8 REGENERATION				
APPROVED ACQUISITION OBJECTIVE				134,287

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

11-13

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 134287 DODIC: AX11  
 ACQUISITION OBJECTIVE: 134287 DESCRIPTION: CTG, 9MM FOR SMAW  
 LEADTIME : 20  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$6.1200	\$8.7800	\$0.0000	\$0.0000
TOTAL PRICE:		\$1,910,000	\$1,615,000	\$0	\$0
FY BUDGET QTY:		311869	183916	0	0
GAINS:					
FDP DELIVERIES:		0	103956	269218	122611
OTHER ( 93 & PRIOR)		0	0	0	0
TOTAL:		0	103956	269218	122611
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		43456	86752	57825	57825
WASHOUT:		236	105	156	790
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		43692	86857	57981	58615
NET CHANGE (+/-)		-43692	17100	211237	63996
ASSET POSITION:					
STD SERVICEABLE:	78615	34923	52023	263260	327256
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	78615	34923	52023	263260	327256
\$ VALUE:	\$0	\$213,730	\$456,759	\$0	\$0
RECOMMENDED BUY QTY	55672	99364	82264	-128973	-192969
\$ VALUE:	\$0	\$608,107	\$722,280	\$0	\$0
DEFICIENCY A.O.	55672	99364	82264	-128973	-192969
\$ VALUE:	\$0	\$608,107	\$722,280	\$0	\$0
PERCENT OF OBJECTIVE:	59%	26%	39%	196%	244%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 CTG, 9MM TPT FOR AT4

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	372,847	526,682	0	90,928	0	0
COST (M\$)	0.000	0.000	0.218	0.270	0.000	0.049	0.000	0.000

This cartridge is a 9mm tracer projectile with a trajectory and time of flight that is similar to that of the tactical AT-4 projectile. These rounds are used in the AT-4 Practice Launcher which is similar in appearance and operation to the tactical AT-4. They are used to enhance the gunners accuracy and safety.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty			
Consumption	382617	382617	382617
Loss	2631	1476	323
Gain	0	0	248565

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.218	0.270	0.000	0.049	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.218	0.270	0.000	0.049	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1305-01-307-5536  
( A358 )

P-1 ITEM NOMENCLATURE:  
CTG, 9MM TPT FOR AT4

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
HARDWARE										
1. COMPLETE ROUND					372847	0.46	171	526682	0.42	220
SUBTOTAL							171			220
PRODUCT										
1. PRODUCTION ENGINEERING							5			10
2. QUALITY ASSURANCE							2			2
3. ACCEPTANCE TESTING							1			2
4. INTERIM TRANSPORTATION							8			9
5. INDUSTRIAL STOCK SUPPORT							31			27
6. CAMCF GAIN/LOSS SURCHARGE										
SUBTOTAL							47			50
*****										
TOTAL P-1 LINE ITEM					0.58	218		0.51		270

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1305-01-307-5536

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 9MM TPT FOR AT4

( A358 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	CONTRACTED DATE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD	WHEN AVAIL
---------------------------	------------	------------------------------	----	--------------------	---------------	------------------------------	----------	-----------	-----------------------	-----------------------------	---------------

1 . COMPLETE ROUND

FY 1996

C/FP

IOC

MAY 96 JAN 97

372847

NO

YES

0.46

FY 1997

C/FP

IOC

MAR 97 JAN 98

526682

NO

YES

0.42

REMARKS:

LINE ITEM 1 - TBS - To Be Selected

11-18

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

A358

ITEM: CTG, 9MM TP-T FOR AT-4

PM: AM

MODEL NO: M939

RCN: 03013311

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					
MRC TOTALS					
3 SPECIAL MISSION FORCES					
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	382,617				382,617
6 GEO PREPOSITIONED					
NALMEB					
GITMO					
WRSA					
7 RESIDUAL	209,653				209,653
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	592,270				592,270

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

11-19

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 592270 DODIC: A358  
 ACQUISITION OBJECTIVE: 592270 DESCRIPTION: CTG, 9MM TPT FOR AT4  
 LEADTIME: 16

\*\*\*\*\*  
 30 SEPT 1993  
 \*\*\*\*\*

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$0.5800	\$0.5100
TOTAL PRICE:	\$0	\$0	\$218,000	\$270,000
FY BUDGET QTY:	0	0	372847	526682
GAINS:				
FDP DELIVERIES:	0	0	0	248565
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	0	0	248565
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	240718	382617	382617	382617
WASHOUT:	3364	2631	1476	323
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	244082	385248	384093	382940
NET CHANGE (+/-)	-244082	-385248	-384093	-134376
ASSET POSITION:				
STD SERVICEABLE:	1121193	491863	107770	0
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	1121193	491863	107770	0
\$ VALUE:	\$0	\$0	\$62,507	\$0
RECOMMENDED BUY QTY	-528923	100407	484500	592270
\$ VALUE:	\$0	\$0	\$281,010	\$302,058
DEFICIENCY A.O.	-528923	100407	484500	592270
\$ VALUE:	\$0	\$0	\$281,010	\$302,058
PERCENT OF OBJECTIVE:	189%	83%	18%	0%

11-20



THIS PAGE INTENTIONALLY LEFT BLANK

P-1 SHOPPING LIST  
ITEM NO. PAGE NO.

1122

BUDGET ITEM JUSTIFICATION SHEET								
APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01						DATE:		
P-1 NOMENCLATURE: GRENADES, ALL TYPES						(ALTCODE: 015451 )		
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	0.000	1.149	0.686	3.595	3.849	2.751	3.217

This P-40 combines all Smoke grenades, Fragmentation grenades and Pyrotechnics.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Grenades, All Types correlates to PANMC P-1 Number 33.

PROGRAM COST BREAK-DOWN											
											DATE
P-1 ITEM NOMENCLATURE (GRENADES, ALL TYPES)											(015451)
(TOTAL COST IN MILLIONS OF DOLLARS)											
ELEMENT OF COST	IDEN CODE	FY - 1994		FY - 1995		FY - 1996		FY - 1997		TOTAL COST	TOTAL COST
		QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST		
FUZE, HAND GRENADE PRACTICE		0	0.000	0	0.000	142549	0.449	0	0.000	0.000	0.000
GRENADE, HAND SMOKE GREEN		0	0.000	0	0.000	0	0.000	0	0.000	0.000	0.000
GRENADE, HAND SMOKE HC		0	0.000	0	0.000	0	0.000	19591	0.587	0.587	0.587
GRENADE, HAND SMOKE VIOLET		0	0.000	0	0.000	23107	0.700	0	0.000	0.000	0.000
GRENADE, HAND SMOKE YELLOW		0	0.000	0	0.000	0	0.000	0	0.000	0.000	0.000
SIGNAL, ILLUM GROUND GSC		0	0.000	0	0.000	0	0.000	2532	0.099	0.099	0.099
TOTAL VALUE			0.000		0.000		1.149			1.149	0.686

12

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 012751)

P-1 NOMENCLATURE:

FUZE, HAND GRENADE PRAC

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	142,549	0	454,470	0	0	0
COST (M\$)	0.000	0.000	0.449	0.000	1.112	0.000	0.000	0.000

The M228 fuze consists of a primer, striker, delay element, detonator, safety pin and safety ring. This item is used in combination with the M69 practice grenade body. This item is used for familiarization and to simulate training with the M67 fragmentation grenade.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty	378645	378648	378645
Consumption	3337	2192	1461
Loss	411691	137230	106912
Gain			

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.449	0.000	1.112	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.449	0.000	1.112	0.000	0.000	0.000

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

P-1 ITEM NOMENCLATURE:  
 FUZE, HAND GRENADE PRACT.

DATE:

( G878 )

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		0 )		FY 1996 (QTY		142549 )		FY 1997 (QTY		0 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
HARDWARE																
1. COMPLETE ROUND									142549	2.47	353					
SUBTOTAL											353					
PRODUCT																
1. PRODUCTION ENGINEERING																
2. QUALITY ASSURANCE																
3. ACCEPTANCE TESTING																
4. INTERIM TRANSPORTATION																
5. INDUSTRIAL STOCK SUPPORT																
6. CAWCF GAIN/LOSS SURCHARGE																
SUBTOTAL																
*****																
TOTAL P-1 LINE ITEM										3.15	449					

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

FUZE, HAND GRENADE PRACTICE

( 6878 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS REV REQD	SPECS IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	--------------	-------------------	-------------------------------

1 . COMPLETE ROUND

FY 1996 UNKNOWN

C/FP

IOC

MAR 96 DEC 96

142549 2.47

YES NO

REMARKS:

LINE ITEM 1 - TBS - To Be Selected

ASSET DYNAMICS

DATE:

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
PROCUREMENT OBJECTIVE:	710504	G878			
ACQUISITION OBJECTIVE:	710504	DESCRIPTION: FUZE, HAND GRENADE PRAC			
LEADTIME	15				
*****					
	30 SEPT 1993				
*****					
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$1.3900	\$0.0000	\$3.1500	\$0.0000
TOTAL PRICE:		\$763,000	\$0	\$449,000	\$0
FY BUDGET QTY:		548921	0	142549	0
*****					
GAINS:					
FDP DELIVERIES:		0	411691	137230	106912
OTHER ( 93 & PRIOR)		0	0	0	0
TOTAL:		0	411691	137230	106912
*****					
LOSSES:					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		432805	378645	378648	378645
WASHOUT:		4650	3337	2192	1461
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		437455	381982	380840	380106
*****					
NET CHANGE (+/-)		-437455	-381982	-243609	-273194
*****					
ASSET POSITION:					
STD SERVICEABLE:	1549945	1112490	730508	486898	213704
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	1549945	1112490	730508	486898	213704
*****					
\$ VALUE:	\$0	\$1,546,361	\$0	\$1,533,730	\$0
*****					
RECOMMENDED BUY QTY	-839441	-401986	-20004	223606	496800
\$ VALUE:	\$0	(\$558,761)	\$0	\$704,358	\$0
*****					
DEFICIENCY A.O.	-839441	-401986	-20004	223606	496800
\$ VALUE:	\$0	(\$558,761)	\$0	\$704,358	\$0
*****					
PERCENT OF OBJECTIVE:	218%	157%	103%	69%	30%

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

G878

ITEM: FUZE, HAND GRENADE PRACTICE  
MODEL NO: M228

PM: AM  
RCN: 03012751

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT      PHASE I      PHASE II      PHASE III      TOTAL

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE  
FORCES AFLOAT  
SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

6 GEO PREPOSITIONED

NALMEB  
GITMO  
WRSA

7 RESIDUAL

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

MPS BREAKOUT

MPS 1  
MPS 2  
MPS 3

458,998

458,998

251,506

251,506

710,504

710,504

12-7

FAC NO.	U S E R	PROGRAM QUANTITY	1995												1996												1997											
			FISCAL YEAR 1995				FISCAL YEAR 1996				FISCAL YEAR 1997				FISCAL YEAR 1996				FISCAL YEAR 1997				FISCAL YEAR 1997															
			FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY	FY												
			94P	95	96	97	98	99	94P	95	96	97	98	99	94P	95	96	97	98	99	94P	95	96	97	98	99	94P	95	96	97	98	99	94P	95	96	97	98	99
			3.79	1.33	3.26	3.26	0.00	0.00	3.79	1.33	3.26	3.26	0.00	0.00	3.79	1.33	3.26	3.26	0.00	0.00	3.79	1.33	3.26	3.26	0.00	0.00	3.79	1.33	3.26	3.26	0.00	0.00	3.79	1.33	3.26	3.26	0.00	0.00
			3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00	3.20	0.00	0.00	0.00	0.00	0.00
			0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00	0.14	0.00	0.00	0.00	0.00	0.00
			6.99	1.33	3.40	10.0	10.0	10.0	6.99	1.33	3.40	10.0	10.0	10.0	6.99	1.33	3.40	10.0	10.0	10.0	6.99	1.33	3.40	10.0	10.0	10.0	6.99	1.33	3.40	10.0	10.0	10.0	6.99	1.33	3.40	10.0	10.0	10.0
			7.38	14.3	10	10	10	10	7.38	14.3	10	10	10	10	7.38	14.3	10	10	10	10	7.38	14.3	10	10	10	10	7.38	14.3	10	10	10	10	7.38	14.3	10	10	10	10

FAC NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO MAX AFTER DAY	REMARKS
		MINIMUM	MAXIMUM		
1	MARTIN ELECTRONICS, PERRY, FL	0.20	0.40	1.00	5.00

FAC NO.	MANUFACTURER NAME & LOCATION	MINIMUM	MAXIMUM	MONTHS TO MAX AFTER DAY	PROCUREMENT LEAD TIME				REMARKS
					ADMIN	PRODUCTION	INITIAL	REORDER	
1	MARTIN ELECTRONICS, PERRY, FL	0.20	0.40	1.00	5.00	6.00	9.00	15.00	
						6.00	9.00	15.00	
						6.00	9.00	15.00	
						6.00	9.00	15.00	

12-8

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01 (RCN: 012541)  
 P-1 NOMENCLATURE: GRENADE, HAND SMOKE HC

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	19,591	30,806	30,799	30,821	24,533
COST (M\$)	0.000	0.000	0.000	0.587	0.949	0.970	0.992	0.807

The HC smoke hand grenade AN-M8 is a burning type grenade used to generate white smoke for screening activities of small units. It is also used for ground to air signaling. The grenade body is a cylinder of thin sheet metal filled with HC smoke mixture. The duration of the smoke screen is 105 seconds to 150 seconds.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty			
Consumption	33095	33905	33905
Loss	396	296	195
Gain	0	0	0

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.587	0.949	0.970	0.992	0.807
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.587	0.949	0.970	0.992	0.807

P-1 SHOPP LIST  
 ITEM NO.

12-9

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1330-00-219-8511  
( G930 )

P-1 ITEM NOMENCLATURE:  
GRENADE, HAND SMOKE HC

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994		FY 1995		FY 1996		FY 1997		FY 1991			
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
<b>HARDWARE</b>												
1. LOAD, ASSEMBLE, AND PACK (LAP)										19591	24.38	478
2. NITROCELLULOSE WW GR D (LB)										22	5.81	
<b>SUBTOTAL</b>												478
<b>PRODUCT</b>												
1. PRODUCTION ENGINEERING												22
2. QUALITY ASSURANCE												1
3. ACCEPTANCE TESTING												5
4. INTERIM TRANSPORTATION												5
5. INDUSTRIAL STOCK SUPPORT												18
6. CAWCF GAIN/LOSS SURCHARGE												58
<b>SUBTOTAL</b>												109
*****												
<b>TOTAL P-1 LINE ITEM</b>											29.96	587

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1330-00-219-8511

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

GRENADE, HAND SMOKE HC

( G930 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS REV REQD	IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	----------------------	-------------------------

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1997 PINE BLUFF ARSENAL  
PINE BLUFF, AR

IOC

MAR 97 APR 98

19591

24.38

YES

NO

2 . NITROCELLULOSE WW GR D (LB)

FY 1997 HERCULES AEROSPACE  
RADFORD, VA

IOC

SEP 97 FEB 98

22

5.81

YES

NO

REMARKS:

12-11

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03012541

P20A DISPLAY FOR DODIC: G930  
ITEM: GRENADE, HAND SMOKE HC  
MODEL NO: AN-M8

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		225	726	650	1,601
FORCES AFLOAT					1,601
SUBTOTAL					
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE	141		724	505	1,370
FORCES AFLOAT				357	357
SUBTOTAL					1,727
MRC TOTALS					3,328
3 SPECIAL MISSION FORCES	25				25
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	35,095				35,095
6 GEO PREPOSITIONED					
NALMEB	2,272				2,272
GITMO	175				175
WRSA					
7 RESIDUAL	4,131				4,131
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	41,698	366	1,450	1,512	45,026

MPS BREAKOUT  
MPS 1 1,680  
MPS 2 1,680  
MPS 3 1,680

12-12

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 45026 DODIC: G930  
 ACQUISITION OBJECTIVE: 45026 DESCRIPTION: GRENADE, HAND SMOKE HC  
 LEADTIME: 19  
 30 SEPT 1993  
 \*\*\*\*\*  
 FY 1994  
 \*\*\*\*\*  
 FY 1995  
 \*\*\*\*\*  
 FY 1996  
 \*\*\*\*\*  
 FY 1997

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$29.9600
TOTAL PRICE:	\$0	\$0	\$0	\$587,000
FY BUDGET QTY:	0	0	0	19591
GAINS:				
FDP DELIVERIES:	0	0	0	0
OTHER ( 93 & PRIOR)	78880	0	0	0
TOTAL:	78880	0	0	0
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	19923	33095	33095	33095
WASHOUT:	220	396	296	195
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	20143	33491	33391	33290
NET CHANGE (+/-)	58737	-33491	-33391	-33290
ASSET POSITION:				
STD SERVICEABLE:	73296	98542	65151	31861
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	73296	98542	65151	31861
\$ VALUE:	\$0	\$0	\$0	\$954,554
RECOMMENDED BUY QTY	-28270	-53516	-20125	13165
\$ VALUE:	\$0	\$0	\$0	\$394,425
DEFICIENCY A.O.	-28270	-53516	-20125	13165
\$ VALUE:	\$0	\$0	\$0	\$394,425
PERCENT OF OBJECTIVE:	163%	219%	145%	71%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

P-1 NOMENCLATURE:

GRENADE, HAND SMOKE VIOLET

APPROPRIATION/

PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	23,107	0	0	0	0	0
COST (M\$)	0.000	0.000	0.700	0.000	0.000	0.000	0.000	0.000

The M18 Violet Smoke Hand Grenade is primarily used for ground-to-ground or ground-to-air signaling. The grenade body is made of thin sheet metal and will emit a Violet colored smoke for 50 to 90 seconds.

For FY96, this is a Single Manager for Conventional Ammunition item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty			
Consumption	0	0	0
Loss	81	81	80
Gain	0	0	9628

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.700	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.700	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1330-00-289-6853  
( G955 )

P-1 ITEM NOMENCLATURE:  
GRENADE, HAND SMOKE VIOLET

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994		FY 1995		FY 1996		FY 1997		TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	
<b>HARDWARE</b>									
1. LOAD, ASSEMBLE, AND PACK (LAP)					23107	23.79			550
2. NITROCELLULOSE WW GR D (LB)					19	7.97			550
<b>SUBTOTAL</b>									
<b>PRODUCT</b>									
1. PRODUCTION ENGINEERING									17
2. QUALITY ASSURANCE									1
3. ACCEPTANCE TESTING									6
4. INTERIM TRANSPORTATION									2
5. INDUSTRIAL STOCK SUPPORT									23
6. CAWCF GAIN/LOSS SURCHARGE									101
<b>SUBTOTAL</b>									150
*****									
<b>TOTAL P-1 LINE ITEM</b>						30.29			700
*****									

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

NSN: 1330-00-289-6853

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

GRENADE, HAND SMOKE VIOLET

( G955 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996 PINE BLUFF ARSENAL  
PINE BLUFF, AR

IOC

MAR 96 APR 97

23107

YES

NO

2 . NITROCELLULOSE WW GR D (LB)

FY 1996 HERCULES AEROSPACE  
RADFORD, VA

IOC

JAN 96 FEB 97

19

YES

NO

REMARKS:

12-17

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN:

G955

P20A DISPLAY FOR DODIC:

ITEM: GRENADE, HAND SMOKE VIOLET  
MODEL NO: M18

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"				
FORCES ASHORE	1,445	4,157	2,913	8,515
FORCES AFLOAT				8,515
SUBTOTAL				
2 MAJOR REGIONAL CONFLICT "B"				
FORCES ASHORE	4,313	21,913	13,764	39,990
FORCES AFLOAT			9,728	9,728
SUBTOTAL			49,718	49,718
MRC TOTALS				58,233
3 SPECIAL MISSION FORCES				24
4 PEACETIME OPERATING STOCKS				
5 TRAINING REQUIREMENT				
6 GEO PREPOSITIONED				
NALMBE	1,120			1,120
GITMO	224			224
WRSA				
7 RESIDUAL				3,154
8 REGENERATION				
APPROVED ACQUISITION OBJECTIVE	5,758	26,070	26,405	62,755

MPS BREAKOUT

MPS 1	1,072
MPS 2	1,072
MPS 3	1,072

12.18

PROCUREMENT OBJECTIVE: 62755 DODIC: G955  
 ACQUISITION OBJECTIVE: 62755 DESCRIPTION: GRENADE, HAND SMOKE VIOLE  
 LEADTIME : 19  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$30.2900	\$0.0000
TOTAL PRICE:	\$0	\$0	\$0	\$700,000	\$0
FY BUDGET QTY:	0	0	0	23107	0
GAINS:					
FDP DELIVERIES:	0	0	0	0	9628
OTHER ( 93 & PRIOR)	0	0	0	0	0
TOTAL:	0	0	0	0	9628
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	0	0	0
WASHOUT:	81	81	81	80	80
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	81	81	81	80	80
NET CHANGE (+/-)	-81	-81	-81	-80	9548
ASSET POSITION:					
STD SERVICEABLE:	26957	26876	26796	26715	36263
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	26957	26876	26796	26715	36263
\$ VALUE:	\$0	\$0	\$0	\$809,201	\$0
RECOMMENDED BUY QTY					
\$ VALUE:	35798	35879	35959	36040	26492
	\$0	\$0	\$0	\$1,091,648	\$0
DEFICIENCY A.O.					
\$ VALUE:	35798	35879	35959	36040	26492
	\$0	\$0	\$0	\$1,091,648	\$0
PERCENT OF OBJECTIVE:	43%	43%	43%	43%	58%



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/PROCUREMENT, MARINE CORPS, BA 01 (RCN: 013541)  
 P-1 NOMENCLATURE:  
 SIGNAL, ILLUM GROUND GSC

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	2,532	15,226	15,210	15,264	15,262
COST (M\$)	0.000	0.000	0.000	0.099	0.612	0.625	0.641	0.655

This star cluster signal consists of five-star illuminant assemblies and a rocket motor propulsion assembly contained in a hand-held launching tube. The base of the launching tube contains a primer and an initiating charge. These signals are used for daytime or nighttime signaling.

For FY97 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

Projected Qty	FY95	FY96	FY97
Consumption	14645	14465	14465
Loss	182	138	94
Gain	0	0	0

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.099	0.612	0.625	0.641	0.655
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	0.000	0.099	0.612	0.625	0.641	0.655

P-1 SHOPP LIST  
 ITEM NO.

12-21

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1370-01-341-6282  
( L314 )

P-1 ITEM NOMENCLATURE:  
SIGNAL, ILLUM GROUND GSC

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY		0 )		FY 1995 (QTY		0 )		FY 1996 (QTY		0 )		FY 1997 (QTY		2532 )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	
<b>HARDWARE</b>																
1. LOAD, ASSEMBLE, AND PACK (LAP)														2532	31.18	79
2. BOX METAL M548														107	15.12	2
<b>SUBTOTAL</b>																81
<b>PRODUCT</b>																
1. PRODUCTION ENGINEERING																4
2. QUALITY ASSURANCE																1
3. ACCEPTANCE TESTING																1
4. INTERIM TRANSPORTATION																2
5. INDUSTRIAL STOCK SUPPORT																10
6. CAWCF GAIN/LOSS SURCHARGE																
<b>SUBTOTAL</b>																18
*****																
<b>TOTAL P-1 LINE ITEM</b>															39.09	99

P-1 ITEM NO. *12*

PAGE NO. *22*

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1370-01-341-6282

P-1 ITEM NOMENCLATURE

( L314 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

SIGNAL, ILLUM GROUND GSC

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1997

C/FP

IOC

MAR 97 MAR 98

2532

31.18

YES

NO

2 . BOX METAL M548

FY 1997

C/FP

IOC

MAR 97 MAR 98

107

15.12

YES

NO

REMARKS:

LINE ITEM 2 - TBS - To Be Selected

12-23

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03013541

ITEM: SIGNAL, ILLUM GROUND GSC  
MODEL NO: M125A1

L314

P20A DISPLAY FOR DODIC:

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT

POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE	440		1,200	754	2,394
FORCES AFLOAT					
SUBTOTAL					2,394
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE	237		1,192	593	2,022
FORCES AFLOAT				422	422
SUBTOTAL					2,444
MRC TOTALS					4,838
3 SPECIAL MISSION FORCES	11				11
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	14,645				14,645
6 GEO PREPOSITIONED					
NALMEB	612				612
GITMO	108				108
WRSA					
7 RESIDUAL	1,788				1,788
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	17,164	677	2,392	1,769	22,002

MPS BREAKOUT

MPS 1	612	612
MPS 2	612	612
MPS 3	612	612

12-24

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 22002 DODIC: L314  
 ACQUISITION OBJECTIVE: 22002 DESCRIPTION: SIGNAL, ILLUM GROUND GSC  
 LEADTIME : 18  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$0.0000	\$39.0900
TOTAL PRICE:	\$0	\$0	\$0	\$0	\$99,000
FY BUDGET QTY:					2532
GAINS:					
FDP DELIVERIES:					
OTHER ( 93 & PRIOR)	0	0	0	0	0
TOTAL:	0	0	0	0	0
LOSSES:					
COMBAT:					
COMBAT ALLIES:					
PEACETIME:					
WASHOUT:					
SALES:	15507	15507	14645	14645	14645
OTHER:	230	230	182	138	94
TOTAL:	15737	15737	14827	14783	14739
NET CHANGE (+/-)	-15737	-15737	-14827	-14783	-14739
ASSET POSITION:					
STD SERVICEABLE:	76541	60804	45977	31194	16455
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	76541	60804	45977	31194	16455
\$ VALUE:	\$0	\$0	\$0	\$0	\$643,244
RECOMMENDED BUY QTY	-54539	-38802	-23975	-9192	5547
\$ VALUE:	\$0	\$0	\$0	\$0	\$216,815
DEFICIENCY A.O.	-54539	-38802	-23975	-9192	5547
\$ VALUE:	\$0	\$0	\$0	\$0	\$216,815
PERCENT OF OBJECTIVE:	348%	276%	209%	142%	75%

12-25



BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 AMMO MOD

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	0	0	0	0	0	0
COST (M\$)	0.000	9.435	9.408	9.118	9.143	8.952	8.883	8.808

Ammunition modernization consists of procurement of components, end item modernization, repackaging of modernized material and upgrading of ammunition stocks suspended from use, declared unsafe or unserviceable. Items scheduled in FY96 and FY97 include small arms, 40mm, 60mm, 81mm, 155mm, mines, grenades, demolition, and missiles.

Note: This program was funded under the newly established Procurement Ammunition, Navy and Marine Corps BA 2.

Ammunition Modernization correlates to PANMC P-1 Number 35.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	9.435	9.408	9.118	9.143	8.952	8.883	8.808

P-1 SHOPP LIST  
 ITEM NO.

PROGRAM COST BREAKDOWN

APPROPRIATION/  
PMC/BUDGET ACTIVITY 1

P-1 ITEM NOMENCLATURE  
AMMO MODERNIZATION RCN 019961

ITEMS	FY 95		FY 96		FY 97		FY 98		FY 99		FY 00		FY 01	
	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST	QTY	TOTAL COST
MODERNIZATION & COMPONENTS														
SMALL ARMS	1,251,315	513,039	822,840	32,814	0	0	0	0	95,000	3,800	0	0	0	0
CTG 40MM	165,808	703,834	338,915	1,403,108	98,850	499,648	29,500	149,668	0	0	648,000	3,222,240	33,000	204,270
CTG 60MM	124,247	2,258,328	4,815	810,208	117,000	1,884,230	0	0	10,450	186,846	0	0	0	0
CTG 81MM	0	0	4,658	684,728	0	0	22,070	375,411	19,500	348,880	26,500	479,400	10,000	188,000
CTG 105MM	2,837	56,797	0	0	0	0	0	0	0	0	0	0	0	0
CTG 120MM	2,900	115,942	0	0	0	0	0	0	1,900	899,555	0	0	0	0
CTG 150MM	85,000	1,955,000	74,724	1,781,992	147,600	4,988,776	205,000	7,002,800	65,500	3,322,955	60,950	2,300,253	45,000	1,698,300
GRENADES	0	0	19,000	77,400	0	0	0	0	87,500	580,128	85,000	892,160	85,000	892,160
DEMOLITION	0	0	455	121,121	0	0	408	221,900	6,700	6,091	250	151,260	0	0
MULES	118,802	1,773,714	0	0	0	0	116,700	103,883	90,000	83,700	0	0	0	0
10MM COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
11MM COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
105MM COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
120MM COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
155MM COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
MISSILE COMPONENTS	0	0	0	0	0	0	0	0	0	0	0	0	0	0
ROCKETS	20,150	453,880	27,010	810,300	0	0	0	0	22,000	495,660	2,090	47,088	0	0
MINES	0	0	0	0	0	0	0	0	0	0	0	0	0	0
FINES	0	0	0	0	0	0	5,700	590,235	0	0	1,045	119,589	0	0
BUY YEAR COMPONENTS	452,488	1,808,368	1,044,000	3,708,200	488,012	1,726,343	188,865	689,228	851,438	3,022,605	615,068	1,828,484	438,878	1,206,800
TOTAL VALUE		9,434,969		9,407,869		9,117,898		9,142,999		8,981,987		8,883,001		8,807,996

AMMO MOD costs include: Actual hands-on modernization effort (upgrading the round, adding safety features); all related engineering and technical support; and cost of components and packaging materials for modernization and maintenance efforts.

13-2

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 LESS THAN 2 MILLION

(ALTCODE: LESS2M )

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	4.890	10.975	1.601	0.950	0.982	0.680	0.353

This P-40 contains all ammunition items with a value less than 2M dollars. Items include various small arms ammunition, pyrotechnic devices, demolition materials (supporting Marine Expeditionary Unit's SOC requirements) and the Marine Corps Rifle Team's allowances.

NOTE: This program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Items Less Than \$2 Million correlates to PANMC P-1 Number 36.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/  
 PROCUREMENT MARINE CORPS, BA 01  
 P-1 ITEM NOMENCLATURE  
 LESS THAN 2 MILLION  
 (LESS2M)

ELEMENT OF COST	IDEN CODE	FY - 1994			FY - 1995			FY - 1996			FY - 1997		
		QTY	TOTAL COST		QTY	TOTAL COST		QTY	TOTAL COST		QTY	TOTAL COST	
ACTIVATOR, AT MINE PRACTICE		0	0.000	0	0.000	15006	0.110	0	0.000	0	0.000		
AMMO ENGINEERING		0	0.000	0	0.815	0	0.000	0	0.000	0	0.000		
CANINE EXPLOSIVE SCENT KIT		0	0.000	15	0.018	0	0.000	0	0.000	0	0.000		
CAP, BLASTING ELECTRIC		0	0.000	748	0.006	39620	0.331	0	0.000	0	0.000		
CHARGE, DEMO FLSC 1200 GR/FT		0	0.000	0	0.000	582	0.021	0	0.000	0	0.000		
CHARGE, DEMO FLSC 125 GR/FT		0	0.000	492	0.030	2132	0.068	1286	0.043	0	0.000		
CHARGE, DEMO FLSC 225 GR/FT		0	0.000	288	0.032	1708	0.073	1121	0.048	0	0.000		
CHARGE, DEMO FLSC 2400 GR/FT		0	0.000	0	0.000	390	0.021	297	0.015	0	0.000		
CHARGE, DEMO FLSC 30 GR/FT		0	0.000	390	0.016	0	0.000	0	0.000	0	0.000		
CHARGE, DEMO FLSC 40 GR/FT		0	0.000	336	0.019	1296	0.040	0	0.000	0	0.000		
CHARGE, DEMO FLSC 400 GR/FT		0	0.000	171	0.024	539	0.039	685	0.031	0	0.000		
CHARGE, DEMO FLSC 5400 GR/FT		0	0.000	0	0.000	624	0.045	0	0.000	0	0.000		
CHARGE, DEMO FLSC 60 GR/FT		0	0.000	414	0.024	2214	0.070	0	0.000	0	0.000		
CHARGE, DEMO FLSC 600 GR/FT		0	0.000	270	0.047	516	0.054	0	0.000	0	0.000		
CHARGE, DEMO FLSC 600 GR/FT		0	0.000	0	0.000	1034	0.025	0	0.000	0	0.000		
CHARGE, DEMO FLSC 75 GR/FT		0	0.000	1944	0.115	1651	0.296	1002	0.034	0	0.000		
CHARGE, DIVERSIONARY MK 141/0		0	0.000	0	0.000	18000	0.720	0	0.000	0	0.000		
CHARGE, FLEXIBLE 20 GRAM		0	0.000	10	0.013	15363	0.028	0	0.000	0	0.000		
CHG, DEMO EXPLOSIVE SHEET 19FT		0	0.000	0	0.000	942	0.484	1515	0.671	0	0.000		
CHG, DEMO EXPLOSIVE SHEET 25FT		0	0.000	0	0.000	2000	0.626	0	0.000	0	0.000		
CHG, DEMO EXPLOSIVE SHEET 38FT		0	0.000	0	0.000	1758	0.771	0	0.000	0	0.000		
CORD, DETONATING 100 GR/FT		0	0.000	18400	0.006	0	0.000	0	0.000	0	0.000		
CORD, DETONATING 200 GR/FT		0	0.000	21600	0.011	0	0.000	0	0.000	0	0.000		
CORD, DETONATING 400 GR/FT		0	0.000	14500	0.022	0	0.000	0	0.000	0	0.000		
CORD, DETONATING 600 GR/FT		0	0.000	16000	0.028	0	0.000	0	0.000	0	0.000		
CORD, DETONATING PETN		0	0.000	0	0.000	8102168	1.600	0	0.000	0	0.000		
CTG, 12 GAGE #00 BUCKSHOT		0	0.000	0	0.000	4536520	1.549	0	0.000	0	0.000		
CTG, 12 GAGE SLUG		0	0.000	0	0.000	404255	0.190	0	0.000	0	0.000		
CTG, CAL .45 BALL		0	0.000	5459708	1.069	0	0.000	0	0.000	0	0.000		
DET, PERCUSSION 175MS DELAY		0	0.000	0	0.000	53030	1.750	0	0.000	0	0.000		
DUAL FIRING DEVICE MK54		0	0.000	0	0.000	149	0.017	0	0.000	0	0.000		
FUZE, BLASTING TIME		0	0.000	8399765	1.216	0	0.000	0	0.000	0	0.000		
FUZE, MINE AT PRACTICE		0	0.000	0	0.000	14889	0.074	0	0.000	0	0.000		
IGNITER, TIME FUSE BLASTING		0	0.000	0	0.000	106013	0.374	192112	0.575	0	0.000		
LESS THAN LETHAL MUNITIONS		0	0.000	0	0.200	0	0.000	0	0.000	0	0.000		
RIFLE TEAM AMMUNITION		0	0.000	0	0.253	0	0.159	0	0.184	0	0.000		
RIOT CONTROL AGENT, CS CAPSULE		0	0.000	0	0.000	234491	0.140	0	0.000	0	0.000		
SIMULATOR, BOOBYTRAP FLASH		0	0.000	0	0.000	229753	1.300	0	0.000	0	0.000		
SIMULATOR, HAND GRENADE		0	0.000	0	0.000	0	0.000	0	0.000	0	0.000		
SIMULATOR, PROJ GROUND BURST		0	0.000	127044	0.926	0	0.000	0	0.000	0	0.000		
TOTAL VALUE			0.000		4.890		10.975		1.601		1.601		

1210

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 01-247-1)

APPROPRIATION/ | P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 | CTG, 81MM ILLUM

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	32,512	0	0	0	13,309	14,142	22,004
COST (M\$)	0.000	13.044	0.000	0.000	0.000	4.503	4.890	7.776

The M853A1 is an illumination round for use with the 81mm mortar system (M252). This round has a range of approximately 5,100 meters, 55% greater than the older 81mm illumination round. It burns with a 33% greater light output. The M772 time fuze used with this round increases accuracy. The payload consists of a parachute and an improved illuminant which is ignited and ejected upon functioning of the fuze. This round is designed to provide illumination at 525,000 candle power for a period of 60 seconds.

NOTE: In FY95, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Projected Qty	FY95	FY96	FY97
Consumption	33130	33130	33130
Loss	697	595	494
Gain	0	0	32512

This item is code "A".

81 MM Illumination M853 correlates to PANMC P-1 Number 26.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	13.044	0.000	0.000	0.000	4.503	4.890	7.776
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	13.044	0.000	0.000	0.000	4.503	4.890	7.776

P-1 SHOPP LIST  
 ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: 1997  
 NSN: 1315-01-353-7617  
 ( C871 )

P-1 ITEM NOMENCLATURE:  
 CTG, 81MM ILLUM

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL
<b>HARDWARE</b>									
1. LOAD, ASSEMBLE, AND PACK (LAP)				32512	177.66	5776			
2. PROP CHG M219				133300	1.79	238			
3. CONTAINER ASSY				133300	1.95	260			
4. NITROCELLULOSE WW GR A (LB)				2211	8.99	20			
5. IGN CTG M752A1				33813	12.59	426			
6. M9 FLAKE .010 (LB)				758	51.29	39			
7. FZ M772				33813	112.95	3819			
<b>SUBTOTAL</b>						10578			
<b>PRODUCT</b>									
1. PRODUCTION ENGINEERING						414			
2. QUALITY ASSURANCE						17			
3. ACCEPTANCE TESTING						491			
4. INTERIM TRANSPORTATION						65			
5. INDUSTRIAL STOCK SUPPORT						629			
6. CMCF GAIN/LOSS SURCHARGE						850			
<b>SUBTOTAL</b>						2466			
*****									
<b>TOTAL P-1 LINE ITEM</b>					401.20	13044			
*****									

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 81MM ILLUM

( C871 )

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD
1 . LOAD, ASSEMBLE, AND PACK (LAP)									
FY 1995	PINE BLUFF ARSENAL PINE BLUFF, AR	SS/FP	IOC	JAN 95	OCT 96	32512	177.66	YES	NO
2 . PROP CHG M219									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	FEB 95	JUL 96	133300	1.79	YES	NO
3 . CONTAINER ASSY									
FY 1995	ARTEC DEFENSE PROD COACHELLA, CA	C/FP	IOC	AUG 95	JUN 96	133300	1.95	YES	NO
4 . NITROCELLULOSE WW GR A (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	JAN 95	MAY 96	2211	8.99	YES	NO
5 . IGN CTG M752A1									
FY 1995	MARTIN MARIETTA MILAN, TN	SS/CPAF	IOC	JAN 95	JUN 96	33813	12.59	YES	NO
6 . M9 FLAKE .010 (LB)									
FY 1995	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	AUG 95	MAY 96	758	51.29	YES	NO

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1315-01-353-7617

P-1 ITEM NOMENCLATURE

( C871 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG, 81MM ILLUM

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV REQD AVAIL
---------------------------	------------	------------------------------	----	---------------	------------------------------	----------	-----------	-----------------------	--------------------------------------

7 . FZ M772

FY 1995 JUNGHAMS  
SCHRAMBERG, GERMANY

IOC

JUL 95 JAN 96

33813

112.95 YES NO

REMARKS:

LINE ITEM 7 - \*\* PACING COMPONENT

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03012471

ITEM: CTG, 81MM ILLIUM  
MODEL NO: M853A1

P20A DISPLAY FOR DODIC: C871

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		35,376	29,391	10,752	75,519
FORCES AFLOAT				8,631	8,631
SUBTOTAL					84,150
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		6,036	22,043	6,239	34,318
FORCES AFLOAT				5,910	5,910
SUBTOTAL					40,228
MRC TOTALS					124,378
3 SPECIAL MISSION FORCES	1,898				1,898
4 PEACETIME OPERATING STOCKS	6,917				6,917
5 TRAINING REQUIREMENT	33,130				33,130
6 GEO PREPOSITIONED					
NALMEB	11,391				11,391
GITMO	3,417				3,417
WRSA					
7 RESIDUAL	44,196				44,196
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	100,949	41,412	51,434	31,532	225,327

MPS BREAKOUT  
MPS 1 16,398  
MPS 2 16,398  
MPS 3 16,398

81mm-5

ASSET DYNAMICS

DATE: 03/14/96

PROCUREMENT OBJECTIVE: 225327  
 ACQUISITION OBJECTIVE: 225327  
 LEADTIME : 24

DODIC: C871  
 DESCRIPTION: CTG, 81MM ILLUM

\*\*\*\*\*  
 30 SEPT 1993  
 FY 1994  
 FY 1995  
 FY 1996  
 FY 1997  
 \*\*\*\*\*

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
<b>BUY SUMMARY:</b>					
UNIT PRICE:	\$0.0000	\$0.0000	\$401.2000	\$0.0000	\$0.0000
TOTAL PRICE:		\$0	\$13,044,000	\$0	\$0
FY BUDGET QTY:		0	32512	0	0
<b>GAINS:</b>					
FDP DELIVERIES:		0	0	0	32512
OTHER ( 93 & PRIOR)		163276	0	0	0
TOTAL:		163276	0	0	32512
<b>LOSSES:</b>					
COMBAT:		0	0	0	0
COMBAT ALLIES:		0	0	0	0
PEACETIME:		15155	33130	33130	33130
WASHOUT:		253	697	595	494
SALES:		0	0	0	0
OTHER:		0	0	0	0
TOTAL:		15408	33827	33725	33624
<b>NET CHANGE (+/-)</b>		147868	-33827	-33725	-1112
<b>ASSET POSITION:</b>					
STD SERVICEABLE:	84409	232277	198450	164725	163612
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	84409	232277	198450	164725	163612
<b>\$ VALUE:</b>	\$0	\$0	\$79,618,117	\$0	\$0
<b>RECOMMENDED BUY QTY</b>	140918	-6950	26877	60602	61715
<b>\$ VALUE:</b>	\$0	\$0	\$10,783,075	\$0	\$0
<b>DEFICIENCY A.O.</b>	140918	-6950	26877	60602	61715
<b>\$ VALUE:</b>	\$0	\$0	\$10,783,075	\$0	\$0
<b>PERCENT OF OBJECTIVE:</b>	37%	103%	88%	73%	73%

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			1995			1996			1997			1998			1999			2000			2001			2002			2003			2004								
			ACCPT TO	BOE AS	MONTHS TO	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP
1	PINE BLUFF ARSENAL, AR	9.00	9.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
2	JUNGHANS, SCHRAMBERG, GERMANY	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	NA	
	TOTAL MONTHLY PROD	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00	33.00		

FAC NO.	MANUFACTURER NAME & LOCATION	MINIMUM	MAXIMUM	MONTHS TO	MONTHS TO	MONTHS TO	MONTHS TO
		9.00	87.00	185	185	185	185
1	PINE BLUFF ARSENAL, AR	9.00	87.00	185	185	185	185
2	JUNGHANS, SCHRAMBERG, GERMANY	NA	NA	NA	NA	NA	NA
	TOTAL MONTHLY PROD	33.00	33.00	33.00	33.00	33.00	33.00

PROCUREMENT LEAD TIME	ADMIN LEAD TIME	PROD. LEAD TIME	INITIAL	REORDER
PRI	OCT	AFT	OCT	OCT
6.00	6.00	21.00	21.00	27.00
6.00	3.00	21.00	21.00	24.00

REMARKS:	PACKING COMPONENT	TOTAL
	JAN	FEB
	6	18
	8	22
	18	28
	QUANTITY IN THOUSANDS	

THIS PAGE INTENTIONALLY LEFT BLANK

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 018371)

P-1 NOMENCLATURE:

CTG 155MM CHG PROP RED BAG

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	22,729	0	0	0	0	0
COST (M\$)	0.000	0.000	15.662	0.000	0.000	0.000	0.000	0.000

The M203A1 propelling charge is a single increment base ignited Zone 8S charge. Provides extended range capability for 155mm projectiles from both Self Propelled and Towed Howitzers.

NOTE: In FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY96	FY97	FY98
Projected Qty	2572	2572	2572
Consumption	399	390	387
Loss	0	1894	20835
Gain			

This item is code "A".

155 MM, Chg. Prop. Red Bag correlates to PANMC P-1 Number 29.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	1.772	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	13.890	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	15.662	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1320-01-202-8938  
( D532 )

P-1 ITEM NOMENCLATURE:  
CTG 155MM CHG PROP RED BA

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST		
<b>HARDWARE</b>										
1. LOAD, ASSEMBLE, AND PACK (IAP)					22729	57.71				1312
2. M31A1E1 SVL STK PROP (LB)					659141	12.17				8022
3. PWD CB IGNITION (CBI) (LB)					1564	21.53				34
4. COMBUSTIBLE CASE					23184	51.54				1195
5. *NITROGUANIDINE (EA)					375029	4.80				1799
6. PLUG, SHOCK ATTENUATING					864	1.83				2
7. GROMMET M549 SIM (EA)					864	1.40				1
8. IAP M549 SIM					22729	28.21				641
9. M549 SIM MTL PRTS					1023	147.16				151
10. OBTURATOR					1023	0.58				1
11. NITROCELLULOSE WW GR A (LB)					53414	10.49				560
<b>SUBTOTAL</b>										13718
<b>PRODUCT</b>										
1. PRODUCTION ENGINEERING										425
2. QUALITY ASSURANCE										19
3. ACCEPTANCE TESTING										158
4. INTERIM TRANSPORTATION										52
5. INDUSTRIAL STOCK SUPPORT										582
6. CAWCF GAIN/LOSS SURCHARGE										2507
7. *GOVERNMENT FURNISHED MATERIAL										-1799
<b>SUBTOTAL</b>										1944
*****										
<b>TOTAL P-1 LINE ITEM</b>						689.06				15662
*****										

1500-2

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY

P-1 ITEM NOMENCLATURE

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG 155MM CHG PROP RED BAG

( D532 )

NSN: 1320-01-202-8938

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1996 C/FP IOC JUL 96 SEP 97 22729 57.71 YES NO

2 . M31ALE1 SVL STK PROP (LB)

FY 1996 HERCULES AEROSPACE SS/CPAF IOC MAY 96 JUL 97 659141 12.17 YES NO  
RADFORD, VA

3 . PWD CB IGNITION (CBI) (LB)

FY 1996 HERCULES AEROSPACE SS/CPAF IOC MAY 96 JUL 97 1564 21.53 YES NO  
RADFORD, VA

4 . COMBUSTIBLE CASE

FY 1996 ARMTEC DEFENSE PROD C/FP IOC MAY 96 JUL 97 23184 51.54 YES NO  
COACHELLA, CA

5 . \*NITROGUANIDINE (EA)

FY 1996 STOCK ISSUE N/A N/A N/A 375029 4.80 YES NO

6 . PLUG, SHOCK ATTENUATING

FY 1996 C/FP IOC MAY 96 JUL 97 864 1.83 YES NO

7 . GROMMET M549 SIM (EA)

FY 1996 C/FP IOC MAY 96 JUL 97 864 1.40 YES NO

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1320-01-202-8938

P-1 ITEM NOMENCLATURE

( D532 )

APPROPRIATION/BUDGET ACTIVITY

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

CTG 155MM CHG PROP RED BAG

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	AVAIL NOW	SPECS AVAIL	IF YES REV WHEN REQD AVAIL
8 . LAP M549 SIM										
FY 1996		C/FP	IOC	MAY 96	JUL 97	22729	28.21	YES		NO
9 . M549 SIM MTL PRYS										
FY 1996		C/FP	IOC	MAY 96	JUL 97	1023	147.16	YES		NO
10 . OBTURATOR										
FY 1996		C/FP	IOC	MAY 96	JUL 97	1023	0.58	YES		NO
11 . NITROCELLULOSE WW GR A (LB)										
FY 1996	HERCULES AEROSPACE RADFORD, VA	SS/CPAF	IOC	MAY 96	JUL 97	53414	10.49	YES		NO

REMARKS:

LINE ITEM 5 - TBS - To Be Selected LINE ITEM 11 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03018371

P20A DISPLAY FOR DODIC: D532  
ITEM: CHG, PROP 155MM RED BAG  
MODEL NO: M203A1

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE	78,160	99,197	37,439	214,796	
FORCES AFLOAT			91,279	91,279	
SUBTOTAL				306,075	
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE	92,156	200,620	98,542	391,318	
FORCES AFLOAT			36,441	36,441	
SUBTOTAL				427,759	

MRC TOTALS 733,834

3 SPECIAL MISSION FORCES 1,794

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 2,572

6 GEO PREPOSITIONED 14,364

NALMEB 911

GITMO 14,364

WRSR 911

7 RESIDUAL 43,215

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE 62,856

170,316 299,817 263,701 796,690

=====

MPS BREAKOUT	
MPS 1	19,746
MPS 2	19,746
MPS 3	19,746

155M-5

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 796690 DODIC: D532  
 ACQUISITION OBJECTIVE: 796690 DESCRIPTION: CTG 155MM CHG PROP RED BA  
 LEADTIME: 23  
 \*\*\*\*\*  
 30 SEPT 1993 FY 1994 FY 1995 FY 1996 FY 1997

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$0.0000	\$0.0000	\$689.0600	\$0.0000
TOTAL PRICE:	\$0	\$0	\$0	\$15,662,000	\$0
FY BUDGET QTY:	0	0	0	22729	0
GAINS:					
FDP DELIVERIES:	0	0	0	0	1894
OTHER ( 93 & PRIOR)	0	0	0	0	0
TOTAL:	0	0	0	0	1894
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	857	2572	2572
WASHOUT:	0	0	403	399	390
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	0	0	1260	2971	2962
NET CHANGE (+/-)	0	0	-1260	-2971	-1068
ASSET POSITION:					
STD SERVICEABLE:	0	134232	132972	130001	128933
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	0	134232	132972	130001	128933
\$ VALUE:	\$0	\$0	\$0	\$89,578,756	\$0
RECOMMENDED BUY QTY	0	662458	663718	666689	667757
\$ VALUE:	\$0	\$0	\$0	\$459,388,456	\$0
DEFICIENCY A.O.	0	662458	663718	666689	667757
\$ VALUE:	\$0	\$0	\$0	\$459,388,456	\$0
PERCENT OF OBJECTIVE:	0%	17%	17%	16%	16%

PRODUCTION SCHEDULE (EXHIBIT P-21)

FACILITY	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY			FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
		FY			1995			1996			1997			1998			1999			2000			2001			2002			2003											
		96	97	98	95	96	97	96	97	98	97	98	99	98	99	00	99	00	01	00	01	02	01	02	03	02	03	04	03	04	05	04	05	06						
		AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS	AS						
ALL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ALL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ALL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
ALL				0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00							
TOTAL MONTHLY PROD				122.7																																				

FACILITY NO.	MANUFACTURER NAME & LOCATION	PRODUCTION RATES		MONTHS TO ORDER		PROCUREMENT LEAD TIME		ADMIN LEAD TIME		PROD LEAD TIME		AFTER OCT	
		MINIMUM	MAXIMUM	BEFORE	AFTER	PRI	AFT	OCT	OCT	INITIAL	REORDER	INITIAL	REORDER
		185	185	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY	DAY
						6.00	9.00	14.00	23.00	6.00	9.00	14.00	23.00

REMARKS: QUANTITY IN THOUSANDS

155MM-7

THIS PAGE INTENTIONALLY LEFT BLANK

P-1 SHOPPING LIST  
ITEM NO. PAGE NO.

155MM 8

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 014881)

P-1 NOMENCLATURE:

FUZE, ELECTRONIC TIME M762

APPROPRIATION/  
PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	135,074	80,237	0	0	0	0	0
COST (M\$)	0.000	17.194	9.789	0.000	0.000	0.000	0.000	0.000

The M762 fuze is a second generation design that has dual setting capability: (1) handset without need for any external setting device and (2) an automatic set for higher rates of fire. Automatic set will be accomplished by means of an inductive setter used in conjunction with the weapon system's autoloader/loader assist mechanism and fire control system. The fuze will be used with all existing and developmental cargo projectiles in the 105mm and 155mm artillery weapons systems and will also comply with Rationalization, Standardization and Interoperability (RSI) agreements for artillery weapons systems.

NOTE: This program is in Procurement Ammunition, Navy and Marine Corps BA 2.

	FY95	FY96	FY97
Projection QTY			
Consumption	0	1636	8181
Loss	291	389	944
Gain	32886	186942	125935

This item is code "A".

FUZE, ET M762 correlates to PANMC P-1 Number 30.

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	0.200	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	17.194	9.589	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	17.194	9.789	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
ITEM NO.

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1390-01-282-6038  
( N289 )

P-1 ITEM NOMENCLATURE:  
FUZE, ELECTRONIC TIME M762

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		TOTAL	UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST			
<b>HARDWARE</b>											
1. LOAD, ASSEMBLE, AND PACK (LAP)			135074	105.79	14289		80237	95.12	7632		
2. BOX METAL M2A1			16884	6.84	116		10191	5.58	57		
3. HMX SPEC GRAN (LB)							5	104.42	1		
4. PEX 9407 TY 1 (LB)							5	31.39			
<b>SUBTOTAL</b>					14405				7690		
<b>PRODUCT</b>											
1. PRODUCTION ENGINEERING					1338				238		
2. QUALITY ASSURANCE					250				11		
3. ACCEPTANCE TESTING					1201				88		
4. INTERIM TRANSPORTATION									29		
5. INDUSTRIAL STOCK SUPPORT									327		
6. CAWCF GAIN/LOSS SURCHARGE									1406		
<b>SUBTOTAL</b>					2789				2099		
*****											
TOTAL P-1 LINE ITEM				127.29	17194			122.00	9789		

DATE:

PROCUREMENT HISTORY & PLANNING

NSN: 1390-01-282-6038

P-1 ITEM NOMENCLATURE

APPROPRIATION/BUDGET ACTIVITY

( N289 )

FUZE, ELECTRONIC TIME M762

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPECS IF YES REV WHEN REQD AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	--

1 . LOAD, ASSEMBLE, AND PACK (LAP)

FY 1995	UNKNOWN	C/OPTION	IOC	SEP 95	DEC 96	135074	105.79	YES	NO
FY 1996		C/FP	IOC	SEP 96	JAN 98	80237	95.12	YES	NO

2 . BOX, METAL M2A1

FY 1995	UNKNOWN	C/FP	IOC	AUG 95	AUG 96	16884	6.84	YES	NO
FY 1996		C/FP	IOC	OCT 96	NOV 97	10191	5.58	YES	NO

3 . HMX SPEC GRAN (LB)

FY 1996		C/FP	IOC	OCT 96	NOV 97	5	104.42	YES	NO
---------	--	------	-----	--------	--------	---	--------	-----	----

4 . PBX 9407 TY 1 (LB)

FY 1996		C/FP	IOC	OCT 96	NOV 97	5	31.39	YES	NO
---------	--	------	-----	--------	--------	---	-------	-----	----

REMARKS:

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03014881

N289

P20A DISPLAY FOR DODIC:

ITEM: FUZE, ELECTRONIC TIME M762  
MODEL NO: M762

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE		121,249	197,275	75,279	393,803
FORCES AFLOAT				149,925	149,925
SUBTOTAL					543,728
2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE		97,676	235,125	104,021	436,822
FORCES AFLOAT				57,570	57,570
SUBTOTAL					494,392
MRC TOTALS					1,038,120
3 SPECIAL MISSION FORCES	5,191				5,191
4 PEACETIME OPERATING STOCKS					
5 TRAINING REQUIREMENT	16,362				16,362
6 GEO PREPOSITIONED					
NALMEB	41,536				41,536
GITMO	9,199				9,199
WRSB					
7 RESIDUAL	129,448				129,448
8 REGENERATION					
APPROVED ACQUISITION OBJECTIVE	201,736	218,925	432,400	386,795	1,239,856

MPS BREAKOUT

MPS 1	51,920
MPS 2	51,920
MPS 3	51,920

2E-4

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 1239856 DODIC: N289  
 ACQUISITION OBJECTIVE: 1239856 DESCRIPTION: FUZE, ELECTRONIC TIME M762  
 LEADTIME : 22  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1993	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:					
UNIT PRICE:	\$0.0000	\$70.8600	\$127.2900	\$122.0000	\$0.0000
TOTAL PRICE:		\$13,982,000	\$17,194,000	\$9,789,000	\$0
FY BUDGET QTY:		197315	135074	80237	0
GAINS:					
FDP DELIVERIES:	0	0	32886	186942	125935
OTHER ( 93 & PRIOR)	97152	97152	0	0	0
TOTAL:			32886	186942	125935
LOSSES:					
COMBAT:	0	0	0	0	0
COMBAT ALLIES:	0	0	0	0	0
PEACETIME:	0	0	291	1636	8181
WASHOUT:	0	0	389	389	944
SALES:	0	0	0	0	0
OTHER:	0	0	0	0	0
TOTAL:	0	0	291	2025	9125
NET CHANGE (+/-)		97152	32594	184916	116810
ASSET POSITION:					
STD SERVICEABLE:	0	97152	129746	314663	431472
UNSERVICEABLE:	0	0	0	0	0
MAINTENANCE:	0	0	0	0	0
SUBSTITUTE:	0	0	0	0	0
TOTAL:	0	97152	129746	314663	431472
\$ VALUE:	\$0	\$6,884,191	\$16,515,416	\$38,388,842	\$0
RECOMMENDED BUY QTY	1239856	1142704	1110110	925193	808384
\$ VALUE:	\$0	\$80,972,005	\$141,305,854	\$112,873,590	\$0
DEFICIENCY A.O.	1239856	1142704	1110110	925193	808384
\$ VALUE:	\$0	\$80,972,005	\$141,305,854	\$112,873,590	\$0
PERCENT OF OBJECTIVE:	0%	8%	10%	25%	35%

FAC NO.	MANUFACTURER NAME & LOCATION	PROGRAM QUANTITY	FISCAL YEAR 1996												FISCAL YEAR 1997												FISCAL YEAR 1998											
			FY 95P				FY 96				FY 97				FY 98				FY 99				FY 00				FY 01				FY 02				FY 03			
			JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEP	OCT	NOV	DEC
1	BULLOVA SYS. VALLEY STREAM, NY	80.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
2	ALLIANT TECH SYS INC, MN	80.2	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
TOTAL MONTHLY PROD			180.2																																			

REMARKS: M762, AUG. M767 will be produced on the same line.  
 QUANTITY IN THOUSANDS

PROCUREMENT LEAD TIME			
ADMIN	LEAD TIME	PROD	AFTER
PRI	OCT	AFT	OCT
INITIAL	6.00	11.00	17.00
REORDER	6.00	8.00	14.00
			22.00

PRODUCTION RATES		MONTHS TO MAX AFTER	
MINIMUM	MAXIMUM	185	MAXIMUM
20.00	30.00	60.00	0.00
15.00	20.00	40.00	0.00

Fuze-6



THIS PAGE INTENTIONALLY LEFT BLANK

P-1 SHOPPING LIST  
ITEM NO. **F02E** PAGE NO. **8**

BUDGET ITEM JUSTIFICATION SHEET

DATE:

APPROPRIATION/ PROCUREMENT, MARINE CORPS, BA 01	P-1 NOMENCLATURE: ROCKETS, ALL TYPES					(ALTCODE: 015491 )		
	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY								
COST (M\$)	0.000	0.074	6.885	0.000	0.000	75.883	158.311	125.919

This is a roll-up of the SNAW, SRAW (Predator) and MLRS rockets into a single Rockets All Types line.

NOTE: In FY95 & FY96, this program is in Procurement Ammunition, Navy and Marine Corps BA 2.

Rockets, All Types correlates to PANMC P-1 Number 34.

PROGRAM COST BREAK-DOWN

DATE

APPROPRIATION/ PROCUREMENT MARINE CORPS, BA 01 ELEMENT OF COST	IDEN CODE	FY - 1994			FY - 1995			FY - 1996			FY - 1997		
		QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	TOTAL COST	QTY	TOTAL COST	
(TOTAL COST IN MILLIONS OF DOLLARS)													
ROCKET, 227MM PRACTICE		0	0.000	0.074	0	0.074	0	0.000	0	0.000	0	0.000	
ROCKET, 83MM HEAA		0	0.000	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
ROCKET, 83MM HEAA PRACTICE		0	0.000	0.000	0	0.000	4958	6.885	0	6.885	0	0.000	
SHORT RANGE ANTIARMOR WEAPON		0	0.000	0.000	0	0.000	0	0.000	0	0.000	0	0.000	
TOTAL VALUE			0.000	0.074		0.074		6.885		6.885		0.000	

P-1 ITEM NOMENCLATURE  
ROCKETS, ALL TYPES  
(015491)

*Rockets 2*

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 013361)

APPROPRIATION/ P-1 NOMENCLATURE:  
 PROCUREMENT, MARINE CORPS, BA 01 ROCKET, 227MM PRACTICE

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	13	0	0	0	0	0	0
COST (M\$)	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000

The 227mm Practice Rocket is the practice version of the 227mm HEDP-ICM rockets and is used for training for the Multiple Launch Rocket System. The practice rocket simulates the tactical rocket in rocket range and ballistics; also provides a marking smoke upon impact.

NOTE: This program is in Procurement ammunition, Navy and Marine Corps BA 2.

Projected Qty	FY95	FY96	FY97
Consumption	0	0	0
Loss	0	0	0
Gain	0	5	8

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.074	0.000	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
 ITEM NO.

Page *Rockets - 3*

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

APPROPRIATION BUDGET ACTIVITY:  
 PROCUREMNT AMMUNITION, USMC/ACTIVITY 01. AMMUNITION

P-1 ITEM NOMENCLATURE:  
 ROCKET, 227MM PRACTICE

DATE:

(H108)

ELEMENT OF COST QH: EA	FY 94 (QTY )		FY 95 (QTY 13 )		FY 96 (QTY )		FY 97 (QTY )	
	QTY	UNIT COST	TOTAL	QTY	UNIT COST	TOTAL	QTY	UNIT COST
HARDWARE								
1. PRACTICE ROCKET	13	5782.26	67					
SUBTOTAL			67					
PRODUCTION								
1. PRODUCTION ENGINEERING			7					
SUBTOTAL			7					
*****								
TOTAL P-1 LINE ITEM		5891.60	74					

Rockets 4  
 P-1 ITEM NO. PAGE NO.

PCH P020H100042

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, USMC/ACTIVITY 1. AMMUNITION

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	SPECS AVAIL NOW	SPEC REV REQD	IF YES WHEN AVAIL
---------------------------	------------	------------------------------	------------------	---------------	------------------------------	----------	-----------	-----------------------	---------------------	-------------------------

P-1 ITEM NOMENCLATURE  
ROCKET, 227MM, PRACTICE F/MLRS  
(H108)

1. PRACTICE ROCKET

FY 95	HA	STOCK	HICOM	HA	MAR 95	13	5782.26	YES	NO
-------	----	-------	-------	----	--------	----	---------	-----	----

REMARKS:

Item to be delivered from U.S. Army stockpile with funds provided to keep production line warm in preparation for new extended range version of MLRS rocket to begin production in FY97

Rockets - 5

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

P20A DISPLAY FOR DODIC: H108

ITEM: ROCKET, 227MM PRACTICE

PM: AM

MODEL NO: M28

RCN: 03013361

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

TOTAL

PHASE I

PHASE II

PHASE III

TOTAL

1 MAJOR REGIONAL CONFLICT "A"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

2 MAJOR REGIONAL CONFLICT "B"

FORCES ASHORE

FORCES AFLOAT

SUBTOTAL

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

7 RESIDUAL

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

324  
178  
502

324  
178  
502

Rockets-6

ASSET DYNAMICS

DATE:

PROCUREMENT OBJECTIVE: 502 DODIC: H108  
 ACQUISITION OBJECTIVE: 502 DESCRIPTION: ROCKET, 227MM PRACTICE  
 LEADTIME : 19  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$5,782.2600	\$0.0000	\$0.0000
TOTAL PRICE:	\$0	\$74,000	\$0	\$0
FY BUDGET QTY:	0	13	0	0
GAINS:				
FDP DELIVERIES:	0	0	5	8
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	0	5	8
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	0	0	0	0
WASHOUT:	0	0	0	0
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	0	0	0	0
NET CHANGE (+/-)	0	0	5	8
ASSET POSITION:				
STD SERVICEABLE:	0	0	5	13
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	0	0	5	13
\$ VALUE:	\$0	\$0	\$0	\$0
RECOMMENDED BUY QTY	502	502	497	489
\$ VALUE:	\$0	\$2,902,695	\$0	\$0
DEFICIENCY A.O.	502	502	497	489
\$ VALUE:	\$0	\$2,902,695	\$0	\$0
PERCENT OF OBJECTIVE:	0%	0%	1%	3%

APPROPRIATION/BUDGET ACTIVITY		PROGRAM QUANTITY		ACCP		FISCAL YEAR 93		FISCAL YEAR 94		FISCAL YEAR 95		CALENDAR YEAR 93		CALENDAR YEAR 94		CALENDAR YEAR 95	
P.1 ITEM NOMENCLATURE (REF, PRAC, 137MM, MLRS, V/LAUNCH POD)		PROGRAM QUANTITY		PRIO		AS OF		FISCAL YEAR 94		FISCAL YEAR 95		CALENDAR YEAR 93		CALENDAR YEAR 94		CALENDAR YEAR 95	
P.1 ITEM NOMENCLATURE (REF, PRAC, 137MM, MLRS, V/LAUNCH POD)		PROGRAM QUANTITY		PRIO		AS OF		FISCAL YEAR 94		FISCAL YEAR 95		CALENDAR YEAR 93		CALENDAR YEAR 94		CALENDAR YEAR 95	
P.1 ITEM NOMENCLATURE (REF, PRAC, 137MM, MLRS, V/LAUNCH POD)		PROGRAM QUANTITY		PRIO		AS OF		FISCAL YEAR 94		FISCAL YEAR 95		CALENDAR YEAR 93		CALENDAR YEAR 94		CALENDAR YEAR 95	
1	INC	10		10	10												
1	INC	10		10	10												
1	INC	13		13	13												
TOTAL MONTHLY PROD																	

MANUFACTURER NAME AND LOCATION		PRODUCTION		MONTHS TO	
LOCAL, CANON, AS		SITES		MSE AFTER	
LOCAL, CANON, AS		5 11.0 13.4		2	
INITIAL		7 6 12 19		AFTER	
REORDER		5 13 1		AFTER	

PROCUREMENT LEAD TIME		MONTH LEAD TIME		AFTER	
INITIAL		PROG.		AFTER	
7 6 12 19		5 13 1		AFTER	
REORDER		5 13 1		AFTER	

Rockets-8

BUDGET ITEM JUSTIFICATION SHEET

DATE:

(RCN: 013331)

P-1 NOMENCLATURE:

ROCKET, 83MM HEAA PRACTICE

APPROPRIATION/

PROCUREMENT, MARINE CORPS, BA 01

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
QUANTITY	0	0	4,958	0	0	0	0	0
COST (M\$)	0.000	0.000	6.885	0.000	0.000	0.000	0.000	0.000

This practice rocket is for the Shoulder-Launched Multi-Purpose Assault Weapon (SMAW). It is configured to be ballistically matched to the dual Mode and High Explosive Anti-Armor Rockets. This item is for training use only.

For FY96 this is a Single Manager for Conventional Ammunition managed item being procured through the Conventional Ammunition Working Capital Fund.

	FY95	FY96	FY97
Projected Qty	6491	6491	6491
Consumption	79	60	40
Loss	0	0	1,240
Gain			

This item is code "A".

	FY 1994	FY 1995	FY 1996	FY 1997	FY 1998	FY 1999	FY 2000	FY 2001
CONSUMPTION	0.000	0.000	6.885	0.000	0.000	0.000	0.000	0.000
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	0.000
COST (M\$)	0.000	0.000	6.885	0.000	0.000	0.000	0.000	0.000

P-1 SHOPP LIST  
ITEM NO.

Page  
**Rockets - 9**

AMMUNITION COST ANALYSIS (DOLLARS IN: THOUSANDS)

DATE: NSN: 1340-01-227-8871  
(HX07)

P-1 ITEM NOMENCLATURE:  
ROCKET, 83MM HEAA PRACTICE

APPROPRIATION BUDGET ACTIVITY:  
PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

ELEMENT OF COST QM: EA	FY 1994 (QTY)		FY 1995 (QTY)		FY 1996 (QTY)		FY 1997 (QTY)		TOTAL	UNIT COST	TOTAL
	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST	QTY	UNIT COST			
HARDWARE											
1. COMPLETE ROUND					4958	1118.08			5543		
SUBTOTAL									5543		
PRODUCT											
1. QUALITY ASSURANCE											8
2. ACCEPTANCE TESTING											64
3. INTERIM TRANSPORTATION											21
4. INDUSTRIAL STOCK SUPPORT											236
5. CAWCF GAIN/LOSS SURCHARGE											1013
SUBTOTAL									1342		
*****											
TOTAL P-1 LINE ITEM						1388.65			6885		

*Rocket 10*

DATE:

PROCUREMENT HISTORY & PLANNING

APPROPRIATION/BUDGET ACTIVITY P-1 ITEM NOMENCLATURE NSN: 1340-01-227-8871

ROCKET, 83MM HEAA PRACTICE (HX07)

PROCUREMENT AMMUNITION, MARINE CORPS, BA 01

LINE ITEM/ FISCAL YEAR	CONTRACTOR	CONTRACT METHOD & TYPE	CONTRACTED BY	AWARD DATE	DATE OF FIRST DELIVERY	QUANTITY	UNIT COST	NOW	AVAIL	REV	SPECS IF YES
1	COMPLETE ROUND										
FY 1996		C/FP	IOC	JUN 96	DEC 97	4958	1118.08	YES	NO		

REMARKS:

LINE ITEM 1 - TBS - To Be Selected

SUMMARY ITEM READINESS STUDY - EXHIBIT P20A DODIC SEQUENCE

DATE:

PM: AM  
RCN: 03013331

HX07

P20A DISPLAY FOR DODIC:

ITEM: ROCKET, 83MM HEAA PRACTICE  
MODEL NO: MK7-0

INVENTORY OBJECTIVE QUANTITIES

INITIAL ISSUE OF EQUIPMENT POST D-DAY CONSUMPTION

	TOTAL	PHASE I	PHASE II	PHASE III	TOTAL
1 MAJOR REGIONAL CONFLICT "A"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					

2 MAJOR REGIONAL CONFLICT "B"					
FORCES ASHORE					
FORCES AFLOAT					
SUBTOTAL					

MRC TOTALS

3 SPECIAL MISSION FORCES

4 PEACETIME OPERATING STOCKS

5 TRAINING REQUIREMENT 9,000

6 GEO PREPOSITIONED

NALMEB

GITMO

WRSA

7 RESIDUAL

4,932

8 REGENERATION

APPROVED ACQUISITION OBJECTIVE

13,932

13,932

=====

MPS BREAKOUT

MPS 1

MPS 2

MPS 3

Rock 5-12

PROCUREMENT OBJECTIVE: 13932 DODIC: HX07  
 ACQUISITION OBJECTIVE: 13932 DESCRIPTION: ROCKET, 83MM HEAA PRACTIC  
 LEADTIME : 21  
 \*\*\*\*\*  
 30 SEPT 1993

	FY 1994	FY 1995	FY 1996	FY 1997
BUY SUMMARY:				
UNIT PRICE:	\$0.0000	\$0.0000	\$1,388.6500	\$0.0000
TOTAL PRICE:	\$0	\$0	\$6,885,000	\$0
FY BUDGET QTY:	0	0	4958	0
GAINS:				
FDP DELIVERIES:	0	0	0	1240
OTHER ( 93 & PRIOR)	0	0	0	0
TOTAL:	0	0	0	1240
LOSSES:				
COMBAT:	0	0	0	0
COMBAT ALLIES:	0	0	0	0
PEACETIME:	257	6491	6491	6491
WASHOUT:	80	79	60	40
SALES:	0	0	0	0
OTHER:	0	0	0	0
TOTAL:	337	6570	6551	6531
NET CHANGE (+/-)	-337	-6570	-6551	-5292
ASSET POSITION:				
STD SERVICEABLE:	26804	19896	13345	8054
UNSERVICEABLE:	0	0	0	0
MAINTENANCE:	0	0	0	0
SUBSTITUTE:	0	0	0	0
TOTAL:	26804	19896	13345	8054
\$ VALUE:	\$0	\$0	\$18,532,228	\$0
RECOMMENDED BUY QTY	-12872	-5964	587	5878
\$ VALUE:	\$0	\$0	\$814,444	\$0
DEFICIENCY A.O.	-12872	-5964	587	5878
\$ VALUE:	\$0	\$0	\$814,444	\$0
PERCENT OF OBJECTIVE:	192%	143%	96%	58%

