

BUDGET ITEM JUSTIFICATION SHEET

DATE: FEBRUARY 2004

APPROPRIATION/ PROCUREMENT, PAN&MC		P-1 NOMENCLATURE: DEMOLITIONS, ALL TYPES							(BLIN: 150000)
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009		
QUANTITY									
COST (M\$)	11.775	3.724	3.270	3.435	2.695	12.515	2.816		

MARINE CORPS RESERVES (M) \$'S:

FY03	FY04	FY05	FY06	FY07	FY08	FY09
0.306	0.281	0.251	0.264	0.209	0.944	0.218

P-1 SHOPP LIST *This line item received 6.643 million in FY2003 IFF Supplemental funds.

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APPROPRIATION/ PROCUREMENT,	PAN&MC		P-1 NOMENCLATURE: COMBAT BREACHER VEHICLE					
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
QUANTITY	0	0	0	0	0	0	0	
COST (M\$)	0.000	0.030	0.245	0.242	0.000	0.000	0.000	

The Combat Breacher Vehicle is a full tracked armored combat engineer vehicle specifically designed for conducting in-stride and deliberate breaching of minefields and complex obstacles. Based on an Improved Performance M1 Abrams (IPM1) Main Battle Tank chassis, it provides the latest technology in crew protection and vehicle survivability while having the speed and mobility to keep pace with the maneuver force. Its integrated systems provide maximum commonality with the current tank fleet. Major components of this system include a Full Width Mine Plow (FWMP), two Linear Demolition Charges (LDCs), lane marking system, remote control system, self protection weapon system and a turret designed specifically for the CBV integrated on a modified IPM1 tank chassis. The CBV will clear a lane of sufficient width and depth for the assault forces of the Ground Combat Element and will be operated by a two man crew or via the remote control system.

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
CONSUMPTION	0.000	0.030	0.245	0.242	0.000	0.000	0.000	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M\$)	0.000	0.030	0.245	0.242	0.000	0.000	0.000	

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APPROPRIATION/ PROCUREMENT,	PAN&MC		P-1 NOMENCLATURE: CAP, BLASTING ELECTRIC					
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
QUANTITY	169,609	44,603	47,214	99,009	45,808	45,413	44,622	
COST (M\$)	3.131	1.000	1.000	2.000	1.000	1.000	1.000	

The Cap, Blasting Electric M6 (DODIC M130) is used for initiating high explosives with a blasting machine or other suitable source of electric power. It is capable of detonating all standard military explosives. This blasting cap is waterproof and can be used in underwater demolition. It is also used as the detonating element in certain land mine fuzes.

The M6 Blasting Cap consists of an aluminum alloy tube containing a compressed charge of RDX or PETN and an ignition charge. The cap is provided with two shunted (twisted together) plastic-covered copper lead wires, 12 feet in length, that extend through a rubber plug assembly (or rubber and sulfur) into the ignition charge where they are connected with a bridge wire.

Combat Expenditures: 11,078

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
CONSUMPTION	3.131	1.000	1.000	2.000	1.000	1.000	1.000	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M\$)	3.131	1.000	1.000	2.000	1.000	1.000	1.000	

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APPROPRIATION/ PROCUREMENT,	PAN&MC		P-1 NOMENCLATURE: CAP, BLASTING NON-ELECTRIC					
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
QUANTITY	387,651	340,239	198,041	110,046	159,544	1,118,403	166,171	
COST (M\$)	2.888	2.562	2.022	1.183	1.680	11.486	1.788	

The Cap, Blasting Non-Electric M7 (DODIC M131) is used to detonate high explosives and is initiated by time-blasting fuse.
 The M7 Blasting Cap consists of an aluminum alloy tube containing a base charge of RDX or PETN, a priming charge, and an ignition charge. The flame from a time blasting fuse or firing device is transferred to ignition charge in the cap. The ignition charge ignites the priming charge, which in turn detonates the base charge. The M7 is flared at the mouth to allow easier insertion of time fuse.

Combat Expenditures: 27,608

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
CONSUMPTION	2.888	2.562	2.022	1.183	1.680	11.486	1.788	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M\$)	2.888	2.562	2.022	1.183	1.680	11.486	1.788	

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APPROPRIATION/ PROCUREMENT, PAN&MC		P-1 NOMENCLATURE: IGNITER, TIME FUZE BLASTING						
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
QUANTITY	164,802	18,562	556	1,811	2,659	5,123	4,869	
COST (M\$)	0.501	0.062	0.003	0.010	0.015	0.029	0.028	

Igniter, Time Blasting Fuse, M81 with Shock Tube Capability (DODIC MN08) is used to ignite time blasting fuse or to initiate the shock tube of the new shock tube Non-electric blasting caps.

Combat Expenditures: 31,818

	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	
CONSUMPTION	0.501	0.062	0.003	0.010	0.015	0.029	0.028	
WAR RESERVES	0.000	0.000	0.000	0.000	0.000	0.000	0.000	
COST (M\$)	0.501	0.062	0.003	0.010	0.015	0.029	0.028	