INDIVIDUAL MODIFICATION

MODIFICATION TITLE: PRIVATEER (MKV)

MODELS OF SYSTEMS AFFECTED: MKV

DESCRIPTION/JUSTIFICATION: PRIVATEER is part of an evolutionary signals intelligence systems migration and acquisition program. As a permanent ship board installation, it provides a full spectrum, passive electronic warfare capability for communications and radar early warning. Also includes an electronic attack capability for "ownership" self-defense.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: PDR: Aug 96; CDR: Oct 96; 1st trial install: 2nd Qtr FY97; 1st production install: 3rd Qtr FY98

FINA	NCIAI	.PLAN	: (\$ in	millions)

Thursday Bridge (4 minusis)	P	Ys	FY	98	FY	99	FY	00	FY	01	F	Y02	FY	03	FY	704	FY	205	Т	С	TOT	AL
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E				2.2																	0	2.2
PROCUREMENT				5.7		0.8		5.7		4.1											0	16.3
Installation Kits *(ES)			7	0.3	1		7	0.3	5	0.2											20	0.8
Installation Kit Nonrecurring																					0	0.0
Equipment			7	4.0	1	0.5	7	4.1	5	3.0											20	11.6
Equipment Nonrecurring																					0	0.0
Engineering Change Orders				0.6		0.2		0.5		0.4											0	1.7
Data																					0	0.0
																					0	0.0
	·																					
																					0	
																					0	0.0

1	neta	llation	of H	ardware

ition of Hardware																						0.0
PY																						0.0
FY98																					0	0.0
FY99 (ES)			7	0.8	1	0.1															8	0.9
FY00 (EA)							7	0.8													7	0.8
FY01 (EA)									5	0.5											5_	0.5
FY02																					0	0.0
FY03					•																0	0.0
FY04																						
FY05																						
To Complete																					0	0.0
nstallation Cost	0	0.0	7	0.8	1	0.1	7	0.8	5	0.5	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	20	2.2
Total Procurement		0.0		5.7		0.8		5.7		4.1		0.0		0.0		0.0		0.0		0.0		16.3

METHOD OF IMPLEMENTATION: CONTRACTOR/GOVERNMENT

ADMINISTRATIVE LEADTIME: 3 MONTHS

PRODUCTION LEADTIME: 6 MONTHS

CONTRACT DATE:

Current Year: 12/98

Budget Year 1: 12/99

Budget Year 2: 12/00

DELIVERY DATE:

Current Year: 06/99

Budget Year 1: 06/00

Budget Year 2: 06/01

Page 1 of 2 Pages EXHIBIT P3A Exhibit P-3a, Individual Modification (Cont)

MODIFICATION TITLE: PRIVATEER (MKV)

INSTALLATION SCHEDULE

	PYs	I	19	998			1>	99			20	000			20	01			20	002	
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
In									8				7				5				
Out					1				8		[··		7				5	Ī			

		20	03			20	04			20	005		To Complete	Total
	1	2	3	4	1	2	3	4	1	2	3	4		
In														20
Out	1		-											20

	BUDGET I	TEM JUSTIFI	CATION SHEE	3T			DATE FE	BRUARY 1999	
APPROPRIATION / BUDGE PROCUREMENT, DEFENSE					I NOMENCLA ARMS AND W		<u></u>		di di (1) - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 - 1 -
	Prior Years	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY									
COST (In Millions \$)	43.941	11.043	10.220	23.355	8.798	5.414	7.460	14.893	8.753

MISSION AND DESCRIPTION: Provides small arms and combat equipment in support of Special Operations Forces (SOF), to include Army Rangers, Army Special Forces, Navy SEALS, Navy special boat units, and Air Force Special Tactics Operators. This budget line procures a variety of weapons and equipment to include; M4A1 SOF Carbine and Accessory Kit, Naval Special Warfare Peculiar Weapons, SOF Personal Equipment Advanced Requirements, SOF Laser Marker, Lightweight Thermal Imager, Improved Night/Day Observation/Fire Control Device, and Heavy Sniper Rifle.

1. Naval Special Warfare Peculiar Weapons. Provides a variety of weapons, support equipment, and replacement parts. Provides support equipment such as gun mounts, stands, and installation kits for boat backfit or modification; purpose code replacement and/or follow-on procurement of unique weapons to maintain inventory; and product improvements to existing weapons in inventory.

FY 2000 PROGRAM JUSTIFICATION: Procures AN/PVS-7C waterproof night vision goggles.

FY 2001 PROGRAM JUSTIFICATION: Procures AN/PVS-7C waterproof night vision goggles.

2. SOF Weapons Mods and Support Equipment. Provides small arms weapons and accessories to the individual SOF operator, enabling him to tailor the configuration of his weaponry to the assigned mission and operational environment. This line includes the SOF peculiar modification to the M4 Carbine (SOPMODM-4), also known as the M4A1 Carbine. This weapon has full automatic fire capability vice the three round burst of the Army standard M4. This line also includes the M4A1 carbine accessory kit which consists of a 4X day scope, 40mm quick attach/detach grenade launcher w/sight, a forward handgrip, infrared laser aiming light/illuminator, visible aiming light, flashlight, suppressor, close quarters battle sight, rail interface system, night scope, and storage case.

P-1 SHOPPING LIST, ITEM NO. 55

Page 1 of 4

BUDGET ITEM JUSTIFICATION SHEET		DATE	FEBRUARY 1999
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS		

FY 2000 PROGRAM JUSTIFICATION: Procures M4 SOF Peculiar Modification (SOPMOD) accessory kit items to meet the inventory objective.

FY 2001 PROGRAM JUSTIFICATION: Procures M4 SOPMOD accessory kit items to meet the inventory objective.

3. SOF Personal Equipment Advanced Requirements. Provides funding for the acquisition of SOF-unique, state-of-the-art, individual operator equipment in 8 functional areas including lightweight environmental protective clothing, Body Armor/Load Carriage System (BALCS), Modular Integrated Communications Helmet (MICH), modular target identification and acquisition, team platoon C4I, ballistic/laser eyewear, signature management, and physiological management.

FY 2000 PROGRAM JUSTIFICATION: Procures BALCS systems to meet the inventory objective, and procures MICH to meet IOC.

FY 2001 PROGRAM JUSTIFICATION: Procures lightweight environmental protective handwear and headgear to meet the inventory objectives.

- 4. SOF Laser Acquisition Marker (SOFLAM). SOFLAM provides SOF with a lightweight, manportable, laser target designator and rangefinders effective out to five kilometers. SOFLAM gives SOF a standoff capability request of unique targets. SOFLAM replaces heavier, bulkier, and less reliable systems such as Compact Laser Designator and the AN/PAQ-1 laser target marker.
- 5. Lightweight Thermal Imager (LTI). LTI provides long range observation and fire control for small arms weapons under day/night conditions and in the presence of obscurants.

FY 2000 PROGRAM JUSTIFICATION: Procures LTI to meet the inventory objectives.

6. Improved Night/Day Observation/Fire Control Device (INOD). Provides the SOF sniper with a lightweight, low signature, fire control and

P-1 SHOPPING LIST, ITEM NO. 55 UNCLASSIFIED

Page 2 of 4

BUDGET ITEM JUSTIFICATION SHEET		DATE	FEBRUARY 1999
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS		

observation device which allows him to detect, acquire, and engage targets out to his weapon's maximum effective range under day/night conditions. Precludes the need to carry two devices (one for day operations, one for night operations). Allows the sniper to go from day to night operations without re-zeroing.

FY 2000 PROGRAM JUSTIFICATION: Procures INODs to meet the inventory objective.

FY 2001 PROGRAM JUSTIFICATION: Procures INODs to meet the inventory objective.

7. Heavy Sniper Rifle (HSR). HSR provides Special Operations Forces (SOF) with a standoff engagement capability against various materiel targets such as parked aircraft, C3I sites, radar equipment, ammunition storage facilities, fuel storage facilities, and light armored vehicles. Allows SOF operators to engage materiel targets at long range before enemy security forces can react.

FY 2000 PROGRAM JUSTIFICATION: Procures .50 cal sniper ball round ammunition to meet the inventory objectives for war reserve and training.

FY 2001 PROGRAM JUSTIFICATION: Procures .50 cal sniper ball round ammunition to meet the inventory objectives for war reserve and training.

8. 5.56 Lightweight Machine Gun (LMG). Program acquires for Sea, Air, Land (SEAL) units 5.56mm lightweight machine guns. The LMG will be lightweight, portable, have a cyclic firing rate of 500 rounds per minute, and be corrosion resistant. The LMG will increase SEAL unit's organic suppressive firepower without increasing carry weight attributed to weapon and ammunition.

FY 2000 PROGRAM JUSTIFICATION: Procures 5.56 lightweight machine guns to meet inventory objective.

FY 2001 PROGRAM JUSTIFICATION: Procures 5.56 lightweight machine guns to meet inventory objective.

P-1 SHOPPING LIST, ITEM NO. 55

Page 3 of 4

BUDGET ITEM JUSTIFICATION SHEET		DATE FEBRUARY 1999
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SMALL ARMS AND WEAPONS	
9. Advanced Design Night Vision Devices. Program acquires advancers, SEALS). Devices provide day/night and all-weather capab advanced technologies such as multi-spectral imaging, multi sensor detection/recognition ranges under all light conditions and in the presentation.	ility for fire control, surveillance, ar fusion, and digital image display. Pr	nd land navigation through use of rovides SOF operators with longer

P-1 SHOPPING LIST, ITEM NO. 55

Page 4 of 4
EXHIBIT P-40 Budget Item Justification Sheet

COST ANALYSIS	A. Appropriatio	n/Budget	Activity Title/	No.	B. Line Iten	n Nomenclatu	re				
EXHIBIT (P-5) - Other Procurement	Procurement, De	fense-Wic	le/Proc. Just./2		SOF SMALL	ARMS AND	WEAPONS		C. DATE: F	EBRUARY 1	999
Work Breakdown Structure		FY	1997	FY	1998	FY	1999	FY	2000	FY 2	
Cost Elements (\$ thousands)	υ	Init Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
1. NSW PECULIAR WEAPONS											
A. Waterproof Night Vision Goggles								7.500	1,514		
B. Mounts		5.150	206	2.523	217			2.523	14	2.523	470
C. Production Engineering			70								7
Subtotal			276		217				1,528		477
2. SOF WPNS MODS & SPT EQUIP											
A. M4 SOPMOD Kit II										10.000	2,366
B. Production Support			677		522		313		58		862
C. M4 Carbine SOPMOD Kits		8.792	6,884	8.000	5,297		3,5	8.000	129		
D. M4 Carbine Nightscopes		0.172	0,001	5.000				4.000	6,752		
Subtotal			7,561	5.000	7,944		313		6,939		3,228
3. SOF PERSONAL EQUIP ADV REQ											
A. Lightweight Environmental		0.200	289								
Protective Clothing										0.400	1,032
B. Body Armor/Load Carriage System				2.545	2,431	2.621	5,725	2.700	5,302		
C. Modular Integrated Comm Helmet						***		1.000	1,021		
Subtotal			289		2,431		5,725		6,323		1,032
4. SOF LASER ACQUISITION MARKER (SOFLAM)										
A. SOFLAM Units		Var	586	64.429	451						
Subtotal			586		451						
5. LIGHTWEIGHT THERMAL IMAGER											
A. Hardware						21.800	3,270	30.926	586		
Subtotal							3,270		586		
6. IMPROVED NIGHT/DAY OBSERVATION/FIRE	CONTROL DEVI	ICE									
A. Hardware						10.133	912	9.771	4,104	9.429	3,206
Subtotal				·			912		4,104		3,206
7. HEAVY SNIPER RIFLE											
A. Hardware								10.400	1,800	10.400	468
B. Ammo								0.007	230	0.007	195
Subtotal						,			2,030		663

COST ANALYSIS	A. Appropriation/Budget Activity Title/No. Procurement, Defense-Wide/Proc. Just./2					n Nomenclatu					
EXHIBIT (P-5) - Other Procurement	Procurement				SOF SMALL				C. DATE: F		
Work Breakdown Structure			1997		1998	FY		FY		FY	
Cost Elements (\$ thousands)		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
8. 5.56 LIGHTWEIGHT MACHINE GUN											
A. Hardware								4.000	1,521	4.000	180
B. Production Support									324		12
Subtotal									1,845		192
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LINE ITEM TOTAL			8,712		11,043		10,220	<u> </u>	23,355		8,79

BUDGET PROCUREMENT HISTORY	AND PLANN	UNG		C D I ITTEN	NOVENOLATIO		A. DATE: F	EBRUAR	1 1999
B. APPROPRIATION/BUDGET ACTIVITY					I NOMENCLATURI LL ARMS AND WI				
PROCUREMENT, DEFENSE-WIDE/2				CONTRACT	LL ARMS AND WI	CAPONS	DATE OF	SPECS	DATE
LINE ITEM/	QTY	UNIT	LOCATION	METHOD	CONTRACTOR	AWARD	FIRST	AVAIL	REVIS
FISCAL YEAR	(1)	COST	OF PCO	TYPE	AND LOCATION	DATE	DELIVERY	NOW?	AVAI
1. NSW PECULIAR WEAPONS		0001	01100	1		Bill		210	
A. Waterproof Night Vision Goggles									
FY 00	201	7.500	NSWC Crane	MIPR	NSWC Crane Div Crane, IN	MAR 00	MAR 01	YES	
B. Mounts			,						
FY 98 - (MK 93 Tri-Purpose M60/40MM/.50 Cal)	86	2.523	NSWC Crane	MIPR	NSWC Crane Div Crane, IN	JUN 98	JAN 99	YES	
FY 00	5	2.523	NSWC Crane	MIPR	NSWC Crane Div Crane, IN	JUN 00	JAN 01	YES	
FY 01 - (MK 93 Tri-Purpose M60/40MM/.50 Cal)	186	2.523	NSWC Crane	MIPR	NSWC Crane Div Crane, IN	JUN 01	JAN 00	YES	
2. SOF WEAPONS MODS & SUPPORT EQUIP						,			
A. M4 SOPMOD Kit II FY 01	236	10.000	NSWC Crane	СЉР	Various	DEC 00	JAN 01	YES	
C. M4 Carbine SOPMOD Kits									
FY 98	662	8.000	NSWC Crane	C/FP	Various	DEC 97	JAN 98	YES	
FY 00	16	8.000	NSWC Crane	C/FP	Various	DEC 99	JAN 00	YES	
D. M4 Carbine Night Scopes							!		
FY 98	425	5.000	NSWC Crane	C/FP	Litton E-O Systems Tempe, AZ	SEP 98	MAR 99	YES	

B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT, DEFENSE-WIDE/2 LINE ITEM/ FISCAL YEAR D. M4 Carbine Night Scopes (Cont)	QTY	UNIT COST	LOCATION	SOF SMA CONTRACT	NOMENCLATURE LL ARMS AND WE				
LINE ITEM/ FISCAL YEAR	QTY		LOCATION	CONTRACT	LL ARMS AND WE	EAPONS			
FISCAL YEAR	QTY		LOCATION		1				
FISCAL YEAR	QTY		LOCATION				DATE OF	SPECS	DATE
		COST		METHOD	CONTRACTOR	AWARD	FIRST	AVAIL	REVIS
D. M4 Carbine Night Scopes (Cont)	1		OF PCO	TYPE	AND LOCATION	DATE	DELIVERY	NOW?	AVAII
	4 (00	4 000	Norta a	0 // 100	T'' FOG '	DEC 00	IANIOO	WEG	
FY 00	1,688	4.000	NSWC Crane	Option/FP	Litton E-O Systems Tempe, AZ	DEC 99	JAN 00	YES	
. SOF PERSONAL EQUIP ADV REQ (SPEAR)					•				1
A. Lightweight Environmental Protective Clothing									
FY 01	2,580	0.400	USSOCOM	C/FP (ID/(IQ)	TBD	MAR 01	MAR 02	NO	
B. Body Armor/Load Carriage System									
FY 98	955	2.545	USSOCOM	C/FP (ID/(IQ)	Various	MAR 98	DEC 98	YES	
FY 99	2,184	2.621	USSOCOM	Option/FP	Various	OCT 98	JUN 99	YES	
FY 00	1,964	2.700	USSOCOM	Option/FP	Various	OCT 99	DEC 99	YES	
C. Modular Integrated Comm Helmet									
FY 00	1,021	1.000	USSOCOM	C/FP (ID/(IQ)	TBD	DEC 99	MAR 00	NO	AUG 99
. LIGHT WEIGHT THERMAL IMAGER									
A. Hardware	ŀ								
FY 99	150	21.800	USA PM/NVRSTA	C/FP	TBD	MAR 99	SEP 99	YES	
FY 00	28	20.926	USA PM/NVRSTA	Option/FP	ТВО	NOV 00	JUN 01	YES	
). REMARKS				<u> </u>	1	<u></u>			

BUDGET PROCUREMENT HISTORY AS APPROPRIATION/BUDGET ACTIVITY				C P-1 ITEM	NOMENCLATURI			EBRUAR	
PROCUREMENT, DEFENSE-WIDE/2				1	LL ARMS AND W				
ROCOREMENT, DEFENSE-WIDE/2	1 1			CONTRACT		SITT ON S	DATE OF	SPECS	DAT
LINE ITEM/	QTY	UNIT	LOCATION	METHOD	CONTRACTOR	AWARD	FIRST	AVAIL	REV
FISCAL YEAR	\(\)	COST	OF PCO	TYPE	AND LOCATION	DATE	DELIVERY	NOW?	AVA
. IMPROVED NIGHT/DAY OBSERVATION/FIRE	 	0001	01100	15	111.00 20 01111011		222.12.11		
CONTROL DEVICE				·					
A. Hardware				•					
FY 99	90	10.133	USA PM/NVRSTA	Option/FP	ITT, Inc.	JUL 99	JUL 00	NO	
1 1 77		10.155			Roanoke, VA				
FY 00	420	9.771	USA PM/NVRSTA	Option/FP	ITT, Inc.	JAN 00	NOV 00	NO	
1100				1	Roanoke, VA				
FY 01	340	9.429	USA PM/NVRSTA	Option/FP	ITT, Inc.	DEC 00	FEB 01	NO	
			-	1 *	Roanoke, VA				
. HEAVY SNIPER RIFLE	1	!							
A. Hardware									
FY 00	173	10.400	USA PM SMALL	C/FP	TBD	MAY 00	JAN 01	NO	NOV 9
			ARMS			:			
		10.400	TICA DM CMALL	Out of CD	TBD	MAY 01	JAN 02	NO	NOV 9
FY 01	45		USA PM SMALL ARMS	Option/FP	IBD	MAIUI	JAN 02	NO	NOV
B. Ammo			AKMO						
FY 00	32,857	0.007	USA PM SMALL	Option/FP	TBD	DEC 99	MAR 00	NO	NOV 9
1100	32,031	0.00.	ARMS						
FY 01	27,857	0.007	USA PM SMALL	Option/FP	TBD	DEC 00	MAR 01	NO	NOV 9
			ARMS	1					
. 5.56 LIGHTWEIGHT MACHINE GUN									
A. Hardware									
FY 00	380	4.000	NSWC Crane	C/FP	TBD	AUG 00	JAN 01	NO	JUN 0
				,					
FY 01	45	4.000	NSWC Crane	Option/FP	TBD	JAN 01	JUN 01	NO	JUN 0
). REMARKS			•						

BUDGET PRODUCTION	SCHE	DULE			P-1 I				LATU		PONS																						D.	AT	3:					Y 19	999				
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ITEM/MANUFACTURER/ PROCUREMENT YEAR	S E R V	PROC QTY	ACCEP PRIOR TO I OCT	BAL DUE AS OF I OCT	O C T	N D O E V C	J A N	F I E I B I	M A P R	M A Y	1 U U L	A S U I G I	S O C T	N O V	C E D	J A N	F M E A B R	A P R	M A Y	J U	J U L	A S U I G I	O C T	N 0 V	D B C	J A N	F P	M A A P R R	M A Y	N U	J U L	A U G	S O	N O V	D E C		lΕ	l a	A P R	A	N U	U		S E P	L A T E R
2. SOF WEAPONS MODS & S	UPPORT	EQUIPM	1ENT		П	1	T	П				\neg				П	Т	Т					Т	T	П											Г	T	Ī .					Ì		
D. M4 Carbine Night Scopes	1					1					1	- 1			- 1						1	-										- [ļ		1							-		
FY 98	A	425		425									A	П	- 1		1	0			l	100 10	20 100	0 100	15					H				ŀ	1									-	
FY 99	A		210	215			1						1		- 1			1	'								ŀ							1	1			1							
FY 00	A	1,688	1,115	788									1					1				.	1_		A	100	100 1	00 10	100	100	100	100 1	00 10	0 10	01 00	0 10	0 100	100	100	88				\perp	
3. SOF PERSONAL EQUIP AT	DV REQ															\Box	Т					Т	T											1									- 1		
B. Body Armor/Load Carriag		İ]]			-	1		1		1					- 1				ı		1	1					ļ					-	
FY 98	A	955		955		1			A					1 1	955							ł									- [1		1									
FY 99	A	2,184	3,139										1				1			ıĸ	ıĸı	84				- 1					- 1				1				l						
FY 00	A	1,964	1,964		1				1		1		1	,		-					- 1		A	A	1K	964	- 1	-			1	1											1		
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MANUFACTURER'S	MIN	LIONK	MAX	RCH'D	 			—Τ		ADM	IIN	7					_ի^	- IVIA																											
NAME AND LOCATION			יייייי	[TIME				Tr	IATC	\dashv																												
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	BUDGET	TITEM JUSTIF	ICATION SHEE	Т		DAT	E FEBRUA	RY 1999	
APPROPRIATION / BUDG PROCUREMENT, DEFEN			, , , , , , , , , , , , , , , , , , ,		NOMENCLAT ME EQUIPMEN	TURE TT MODIFICAT	TIONS		
	Prior Years	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY					,				
COST (In Millions \$)	19.361	10.583	21.674	2.183	.915	.361	.453	.420	.512

MISSION AND DESCRIPTION: Program provides for Patrol Coastal (PC) and MK V Special Operations Craft (SOC) maritime modifications and consolidates them into a single line item.

1. PC. Program provides for numerous modifications to the Cyclone Class PC ships. The modifications correct performance deficiencies identified through testing and/or operation. The upgrades improve situational awareness, self-defense capabilities, ship handling, speed, and human factors.

FY 2000 PROGRAM JUSTIFICATION: Includes upgrade of existing Integrated Bridge System (IBS) to incorporate evolving technologies including: complete Electronic Chart Display Information System - Navy (ECDNIS-N) compliance, visual line of bearing integration, radar overlay capability, operator interface improvements and hardware upgrades for faster processing, display and dissemination of IBS data. Provides for installation of main propulsion diesel engine noise reduction which reduces noise levels. This will eliminate the requirement of double hearing protection and allow watchstanders longer duration in the engine rooms.

2. MK V SOC. Program provides pre-planned product improvements to baseline (craft) capabilities in the areas of weapons, electronics, and night vision. Improved weapons/mounts include, but are not limited to, GAU-17 (7.62MM) mini-guns, MK38 (25MM) chain guns, and MK95 (twin .50 cal) mounts. Night vision improvements center on a FLIR capability to enhance MK V nighttime situational awareness, self defense, and navigation.

IED Page 1 of 2

	BUDGET ITEM JUSTIFIC	CATION SHEET				DATE	FEBRU	JARY 1999)	
	APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2			MENCLA OUIPMEI		FICATIO	NS			
		MODIFICATION S	SUMMA	RY .						
	DESCRIPTION	Prior Years	FY98	FY99	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>
1.	PC Command and Control Software Upgrades	1.096	1.168	1.445						
2.	PC Stern Flap Modification	.025	.053	.056						
3.	PC Active Noise Cancellation	.869	.057							
4.	PC Propeller Upgrade	1.138	.165							
5.	PC Communication Alterations	.000	2.827	.476						
6.	PC Forward Looking Infrared Upgrade	.000		4.113						
7.	MK V Special Operations Craft (SOC) Weapons	3.607	3.435	1.207						
8.	MK V SOC Forward Looking Infrared	.000	2.772	14.377						
9.	K Alterations	.368	.106							
10.	PC Command and Control Software Upgrades	.000			.228	.253	.218	.336	.311	.379
11.	PC Future Communications Modifications	.000			.597	.244	.143	.117	.109	.133
12.	PC Main Propulsion Diesel Engine Noise Treatment	.000			1.358	.418				
, , , , , , , , , , , , , , , , , , , 	SUBTOTAL FOR MODS	7.103	10.583	21.674	2.183	.915	.361	.453	.420	.512

P-1 SHOPPING LIST, ITEM NO.

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EXHIBIT (P-5) - Shipbuilding Work Breakdown Structure Cost Elements (\$thousands)	Procurement	Defense-Wid									
Cost Elements (\$thousands)		, Detense TTR	le/Proc. Just./2		MARITIME		T MODIFICA	TIONS	C. DATE: F		
		FY		FY	1998	FY	1999	FY:		FY	
		Unit Cost	Total Cost	Unit Cost		Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A. Alterations/Material/Install			189		106						l
(PC K ALTS)											
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Modifications		1	10,309		10,477		21,674		2,183		91
***************************************			,								
LINE ITEM TOTAL			10,498	<u> </u>	10,583		21,674		2,183		91

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	BUDGET I	TEM JUSTIFI	CATION SHE	ET			DATE FEI	BRUARY 1999	
APPROPRIATION / BUDGE PROCUREMENT, DEFENSE				1	M NOMENCLA SPECIAL WA		INFLATABLI	E BOAT	
	Prior Years	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY									
COST (In Millions \$)	.000	12.562	15.369						

MISSION AND DESCRIPTION: The Naval Special Warfare Rigid Inflatable Boat (NSW RIB) program provides a short range surface mobility platform for Special Operations Forces (SOF) insertion and extraction and replaces the Special Warfare Craft (Light), or SEAFOX, and earlier RIBs which have ended their service life. The program supports the procurement of craft, trailers, prime movers, deployment packages, contractor logistics, and engineering support. The NSW RIB line item has been renamed SOF Combatant Craft Systems beginning in FY 2000.

Work Beakdown Structure Orall Elements (S. housands) Oral Cost I Elements (S. housands) Oral Cost I Elements (S. housands) I. Naval Special Warfare Rigid Inflatable Boat A. Bostof Trailers Orall Cost I Elements (S. housands) Orall Cost I Elements (S. housands) Orall Cost I Elements (S. housands) Orall Cost I Total Cost I Total Cost I Total Cost I Total Cost I Unit Cost I Unit Cost I Unit Cost I I I I I I I I I I I I I I I I I I I	COST ANALYSIS	A. Appropria	ation/Budget	Activity Title/	No.		n Nomenclatu					
New Special Warfare Rigid Inflatable Boat New Special Warfare	EXHIBIT (P-5) - Other Procurement	Procurement,										
1. Nava Special Warfare Rigid Inflatable Boat	Work Breakdown Structure		FY	1997	FY							
1. Nava Special Warfase Rigid Inflatable Boat	Cost Elements (\$ thousands)	ſ	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
A. Bost/Trailers	Naval Special Warfare Rigid Inflatable Boat											
B. Deployment Packages C. Prime Movers D. Other Subtotal Subtotal Substant	A. Boats/Trailers				460.000	8,280	487.250	9,745				
C. Prime Movers D. Other Subtotal Subtotal Sub total Sub					396.000	3,564	435.700	4,357				
D. Other												
Subtotal 12,562 15,369 —						718		1,267				
						12,562		15,369				

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LINE ITEM TOTAL 0 12,562 15,369 0						12.552		15.260		-		

	BUDGET I	TEM JUSTIF	ICATION SHE	ET			DATE FEI	BRUARY 1999	
APPROPRIATION / BUDGE PROCUREMENT, DEFENSE					MINOMENCLA	ATURE RAFT SYSTEM	1S		
	Prior Years	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY									
COST (In Millions \$)				18.771	8.905	9.939	14.843	23.636	17.237

MISSION AND DESCRIPTION: The Naval Special Warfare Rigid Inflatable Boat P-1 line has been renamed to Special Operations Forces (SOF) Combatant Craft Systems in FY 2000. This renamed P-1 will serve as the umbrella program for Combatant Craft Systems. The following craft are represented:

1. Naval Special Warfare Rigid Inflatable Boat (NSW RIB). The NSW RIB program provides a short range surface mobility platform for SOF insertion and extraction and replaces the Special Warfare Craft (Light), or SEAFOX, which has ended its service life. The program supports the procurement of RIBs, trailers, deployment packages, on-board spares, and provides engineering support.

FY 2000 PROGRAM JUSTIFICATION: Procures NSW RIBs with deployment packages. Also funds contractor logistics, miscellaneous equipment, and engineering support.

FY 2001 PROGRAM JUSTIFICATION: Procures NSW RIBs with deployment packages. Also funds contractor logistics, miscellaneous equipment, and engineering support.

2. Riverine Replacement Craft. This program was formerly in the SOF Maritime Equipment Line. The riverine craft will provide SOF with the capability to insert and extract SOF in the riverine environment. It is manned by a crew of 3 and can carry 8 combat loaded SOF operators. The craft is capable of navigating coastal, restricted and shallow rivers, estuaries, bays and the littoral, and carry light organic arms. It is also capable of being transported by C-130 aircraft.

FY 2000 PROGRAM JUSTIFICATION: Funds will procure 10 interim riverine craft, transporters, and support packages.

COST ANALYSIS EXHIBIT (P-5) - Other Procurement	A. Appropri	ation/Budget	Activity Title/ de/Proc. Just.//	No.		n Nomenclatu	re FT SYSTEMS		C. DATE: F	EBRHARY 1	999
Work Breakdown Structure	Trocurement	FY			1998	FY		FY		FY	
Cost Elements (\$ thousands)			Total Cost	Unit Cost		Unit Cost		Unit Cost	Total Cost	Unit Cost	Total Cost
1. Naval Special Warfare Rigid Inflatable Boat		Onit Cost	Total Cost	Onit Cost	Total Cost	Oint Cost	Total Cont	OHR COOL	10 00	0111 0001	
A. Boats/Trailers								472.563	7,561	474.600	4,740
B. Deployment Packages								418.125	3,345	416.600	2,083
C. Prime Movers										94.118	1,600
D. Other									1,239		470
Subtotal							-		12,145		8,90
2. COMBATANT CRAFT SUBSYSTEMS											
A. Riverine Replacement Craft											
(1) Craft/Engines/Trailers								550.000	5,500		
(2) Airdrop									281		
(3) Support Equipment									80		
(4) Data Packages									70		
(5) Production Engineering									165		
(6) Initial Spares/Deployment Package									530		
Subtotal									6,626		
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									10 771		9.00
LINE ITEM TOTAL			0	<u> </u>	0	<u> </u>	0		18,771	<u></u>	8,90

BUDGET PROCUREMENT HISTOR	Y AND PLA	NNING					A. DATE: F	EBRUAR'	Y 1999
B. APPROPRIATION/BUDGET ACTIV	'ITY			C. P-1 ITEM	I NOMENCLATURE				
PROCUREMENT, DEFENSE-WIDE/2				SOF COM	ABATANT CRAFT SY	STEMS			
				CONTRACT			DATE OF	SPECS	DATE
LINE ITEM/	QTY	UNIT	LOCATION	METHOD	CONTRACTOR	AWARD	FIRST	AVAIL	REVIS
FISCAL YEAR	`	COST	OF PCO	TYPE	AND LOCATION	DATE	DELIVERY	NOW?	AVAIL
1. NSW RIB									
A. Boats/Trailers									
FY 00	16	472.563	USSOCOM	FFP/Option	US Marine, Inc	NOV 99	APR 00	YES	
					New Orleans, LA				
FY 01	10	474.600	USSOCOM	FFP/Option	US Marine, Inc	NOV 00	JUN 01	YES	
					New Orleans, LA				
B. Deployment Packages				1					
FY 00	8	418.125	USSOCOM	FFP/Option	US Marine, Inc	NOV 99	APR 00	YES	
					New Orleans, LA				
FY 01	5	416.600	USSOCOM	FFP/Option	US Marine, Inc	NOV 00	JUN 01	YES	
				-	New Orleans, LA				
C. Prime Movers									
FY 01	17	94.118	GSA	MIPR	Unknown	Unknown	Unknown	YES	
				Ì					
2. RIVERINE REPLACEMENT CRAFT									
A. Boats/Engines/Trailers				}					}
FY 00	10	550.000	USSOCOM	FFP	Unknown	DEC 99	MAR 00	YES	
						1			
				1					
						1			
D. REMARKS									