

BUDGET PROCUREMENT HISTORY AND PLANNING							A. DATE: FEBRUARY 1999			
B. APPROPRIATION/BUDGET ACTIVITY PROCUREMENT, DEFENSE-WIDE/2				C. P-1 ITEM NOMENCLATURE COMMUNICATIONS EQUIPMENT & ELECTRONICS						
LINE ITEM/ FISCAL YEAR	QTY	UNIT COST	LOCATION OF PCO	CONTRACT METHOD TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	SPECS AVAIL NOW?	DATE REVIS AVAIL	
8. JOINT BASE STATION (JBS)										
B. Variant 1 Production										
(1) Variant 1 Transant Case FY 98	4	595.010	NAWC-AD	PO	Various	MAY 98	FEB 00	YES		
(2) Variant 1 Vehicle System Hardward FY 98	5	1,912.488	NAWC-AD	PO	Various	MAY 98	FEB 00	YES		
FY 99	3	1,941.973	NAWC-AD	PO	Various	OCT 98	OCT 00	YES		
FY 00	3	1,974.072	NAWC-AD	PO	Various	OCT 99	OCT 01	YES		
FY 01	1	2,009.000	NAWC-AD	PO	Various	OCT 00	OCT 02	YES		
D. Variant 3 Upgrade										
(1) Variant 3 Hardward FY 99	5	1,034.400	NAWC-AD	PO	Various	MAR 99	APR 00	YES		
E. Variant 4 Production										
(1) New Hardware FY 99	3	1,418.333	NAWC-AD	PO	Various	DEC 98	JUN 00	YES		
FY 00	2	1,363.500	NAWC-AD	PO	Various	OCT 99	MAR 01	YES		
FY 01	2	1,387.000	NAWC-AD	PO	Various	OCT 00	MAR 02	YES		
D. REMARKS:										

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E. Variant 4 Production (Cont)										
(2) Upgrade Hardware										
FY 99	3	963.333	NAWC-AD	PO	Various	DEC 987	DEC 00	YES		
FY 00	3	995.667	NAWC-AD	PO	Various	OCT 00	OCT 01	YES		
9. SPECIAL OPERATIONS COMMUNICATIONS ASSEMBLAGES										
FY 00	7	490.591	USSOCOM	C/FFP	TBD	DEC 99	DEC 00	NO	APR 99	
FY 01	8	491.125	USSOCOM	Option	TBD	OCT 00	OCT 01	NO	APR 99	
10. C4IAS										
A. Workstation Hardware										
FY 00	2,791	2.721	USSOCOM	PO	TBD	DEC 99	MAR 00	NO	OCT 99	
FY 01	2,791	2.769	USSOCOM	PO	TBD	DEC 00	MAR 01	NO	OCT 00	
B. Server Hardware										
FY 00	83	29.434	USSOCOM	PO	TBD	DEC 99	MAR 00	NO	OCT 99	
FY 01	83	29.940	USSOCOM	PO	TBD	DEC 00	MAR 01	NO	OCT 00	
C. Printers										
FY 00	676	1.842	USSOCOM	PO	TBD	DEC 99	MAR 00	NO	OCT 99	
FY 01	676	1.874	USSOCOM	PO	TBD	DEC 00	MAR 01	NO	OCT 00	
D. REMARKS:										

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11. SCAMPI										
A. Deployable Nodes										
FY 99	3	559.000	Technology Application Office (TAO)	CPFF	CSTI, Columbia, MD	APR 99	SEP 99	YES		
FY 01	7	454.286	TAO	CPFF	TBD	NOV 00	MAY 01	NO	SEP 00	
B. Node Relocation										
FY 01	2	102.000	TAO	CPFF	TBD	NOV 00	MAY 01	NO	SEP 00	
C. Node Retrofits										
FY 01	10	516.600	TAO	CPFF	TBD	FEB 01	JUN 01	NO	OCT 00	
E. Hub ATM Retrofits										
FY 99	2	961.000	TAO	CPFF	CSTI, Columbia, MD	NOV 98	MAR 99	YES		
FY 00	4	961.750	TAO	CPFF	TBD	DEC 99	JUN 00	NO	OCT 00	
FY 01	1	961.750	TAO	CPFF	TBD	DEC 00	APR 01	NO	OCT 01	
F. Gateways										
FY 99	1	751.000	TAO	CPFF	CSTI, Columbia, MD	NOV 98	MAR 99	YES		
G. Red Switch Upgrade										
FY 00	1	800.000	TAO	CPFF	TBD	JAN 00	JUL 00	YES		
D. REMARKS:										

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12. VIDEO TLELCONFERENCEING (VTC)										
A. Site Hardware										
FY 99	3	152.000	USSOCOM	Option	TBD	MAR 99	JUN 99	NO	FEB 99	
B. Site Bridge Equipment Upgrades										
FY 00	1	300.000	USSOCOM	PO	TBD	MAR 00	AUG 00	NO	JAN 00	
FY 01	2	150.000	USSOCOM	PO	TBD	NOV 00	FEB 00	NO	JAN 00	
C. Interface Equipment Upgrades										
FY 00	2	11.000	USSOCOM	PO	TBD	APR 00	AUG 00	NO	JAN 00	
FY 01	2	11.000	USSOCOM	PO	TBD	DEC 00	MAR 00	NO	JAN 00	
D. Terminal Equipment Upgrades										
FY 00	6	32.000	USSOCOM	PO	TBD	JAN 00	JUN 00	NO	SEP 99	
FY 01	6	32.667	USSOCOM	PO	TBD	NOV 00	MAR 01	NO	SEP 99	
E. Theater Special Operations Command Sites										
FY 00	4	150.000	USSOCOM	PO	TBD	OCT 99	FEB 00	NO	JAN 00	
D. REMARKS:										











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BUDGET ITEM JUSTIFICATION SHEET							DATE FEBRUARY 1999		
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2				P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS					
	Prior Years	FY98	FY99	FY00	FY01	FY02	FY03	FY04	FY05
QUANTITY									
COST (In Millions \$)	147.492	24.986	9.195	19.154	40.692	14.172	13.003	14.422	17.165
<p><b>MISSION AND DESCRIPTION:</b> This budget line includes all Special Operations Forces (SOF) intelligence requirements under one procurement program. Examples of systems procured are Joint Deployable Intelligence Support System-Special Operations Command, Research, Analysis and Threat Evaluation System, SOF Intelligence Vehicle, Multi-mission Advanced Tactical Terminal, SILENT SHIELD, Integrated Survey Program, SOF Signal Intelligence Manpack System, PRIVATEER, and Special Operations Tactical Video System.</p> <p>USSOCOM has developed an overall strategy to ensure that Command, Control, Communications, Computers, and Intelligence (C4I) systems continue to provide SOF with the required capabilities into the 21st century. USSOCOM's C4I systems comprise an integrated network of systems providing positive command and control and the timely exchange of intelligence and threat warning to all organizational echelons. The C4I systems that support this architecture will employ the latest standards and technology by transitioning from separate systems to full integration with the infosphere. The infosphere will allow SOF elements to operate with any force combination in multiple environments. The C4I programs funded in this procurement line are grouped by the level of organizational element they support: Operational Element (Team), Above Operational Element (Deployed) and Above Operational Element (Garrison).</p> <p><b>OPERATIONAL ELEMENT (TEAM)</b></p> <p>1. Multi-mission Advanced Tactical Terminal (MATT). Program enables combat forces to directly receive near-real-time operational intelligence products and threat information to support mission planning, updates, and execution. The program integrates MATT capabilities with command, control, communications, and intelligence systems. Procurement and fielding of MATT will address the primary requirement for</p>									

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BUDGET ITEM JUSTIFICATION SHEET		DATE FEBRUARY 1999
APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS	
<p>situational awareness during infiltration and exit from operating areas. Multi-mission Advanced Tactical Terminal (MATT) is designated by ASD (C3I) as one of two tactical terminal migration systems.</p> <p>2. SILENT SHIELD. The program is part of an evolutionary Joint Threat Warning System (JTWS) migration being developed to support SOF-wide operations. System development emphasizes a rapid prototyping effort to develop, test, and field systems that provide direct threat warning and enhanced situational awareness data to SOF aircrews at the Collateral SECRET level.</p> <p>FY 2001 PROGRAM JUSTIFICATION: Procures 27 Communications Surveillance Systems and 21 Tactical Data Receivers, engineering change orders, and initial spares.</p> <p>3. Integrated Survey Program (ISP). Supports JCS contingency planning by conducting surveys and producing highly detailed target analysis packages on critical US facilities. ISP is a DOD migration system merging four existing programs standardizing methodology and equipment. Establishes central production of survey products while increasing dissemination through use of CD-ROM and INTELINK/INTELINK-S.</p> <p>4. PRIVATEER. PRIVATEER is part of an evolutionary signal intelligence system migration and acquisition program that provides a permanent full spectrum Radar and Communications Early Warning capability aboard Cyclone-Class Patrol Coastal (PC) and MK-V Special Operations Craft (SOC). The PC configuration is confined to the electronic surveillance mission area, while the MK-V SOC configuration has been expanded to include an electronic attack capability for self-defense. A subset of the JTWS, it hosts a common software architecture that controls a variety of hardware modules designed to satisfy the unique platform requirements of each ship class. System configuration provides the equipment necessary to monitor and provide direction finding on radar and communications signals of interest. Also provides broadcast</p>		

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APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS	
<p>threat warning capabilities. Architecture is Joint Deployable Intelligence Support System/Joint Maritime Communications and Intelligence Support System compliant with UNIX-based software.</p> <p>FY 2000 PROGRAM JUSTIFICATION: Procures 7 Electronic Surveillance (ES) Systems for the MK V SOC, and the Modern Modes Exploitation and SATCOM antennas Evolutionary Technology Insertions (ETI) for Block 2 upgrade to 7 Patrol Coastals.</p> <p>FY 2001 PROGRAM JUSTIFICATION: Procures 5 ES Systems for the MK-V SOC, the Standards Compliance ETI for 20 MK-V's and 7 Patrol Coastals, and the Modern Modes Exploitation ETI for 20 MK-V's.</p> <p>5. SOF Signal Intelligence (SIGINT) Manpack System (SSMS). SSMS is part of an evolutionary SIGINT system migration and acquisition program that provides a permanent full spectrum Communications Early Warning capability to ground, maritime and air components of the SOF. Program acquires manpackable, lightweight communications early warning and direction finding systems that weigh less than 38 pounds and fit within an Alice pack. Initial acquisition provided NDI capability that has now been substantially improved to reduce weight and power while significantly improving capability through multiple receivers and reduced numbers of antennas. Premier SIGINT System within SOF whose capability has been expanded to support the unique platform requirements of maritime and airborne platforms. Migrates into the Joint Threat Warning System.</p> <p>ABOVE OPERATIONAL ELEMENT (DEPLOYED)</p> <p>6. Special Operations Forces Intelligence Vehicle (SOF IV). The SOF IV is a deployable, automated, multi-source intelligence processing and</p>		

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APPROPRIATION / BUDGET ACTIVITY PROCUREMENT, DEFENSE - WIDE / 2	P-1 ITEM NOMENCLATURE SOF INTELLIGENCE SYSTEMS	
<p>dissemination system. The SOF IV extends the Joint Deployable Intelligence Support System/Special Operations Command Research, Analysis and Threat Evaluation System architecture to the Joint Special Operations Task Force level permitting automated interface to all theater-level intelligence data handling systems. SOF IV provides for the receipt, processing, and manipulation of near-real-time intelligence data in order to produce highly tailored, accurate and timely intelligence products to support deployed Special Operations Forces. The system employs a high mobility multi-purpose wheeled vehicle configured with a rigid wall, standard integrated command post shelter to house computer servers, mass storage devices, and communications equipment, and a tent extension for the remote operation of analyst workstations. It incorporates DoD Intelligence Information System and Joint Deployable Intelligence Support System standards and products in accordance with JCS direction. A second configuration of the system also exists with identical performance capabilities using a modular, transit case design.</p> <p>NOTE: The Joint Deployable Intelligence Support System-Special Operations Command Research, Analysis and Threat Evaluation System (JDISS-SOCRATES) is planned for this level as well as capabilities to receive broadcast threat warning data.</p> <p>7. Special Operations Tactical Video System (SOTVS). SOTVS will provide the capability to forward digital/video imagery near-real time via current or future communication systems (i.e., landline, HF, VHF, and SATCOM radios) in support of surveillance and reconnaissance missions. This manpackable tactical system will consist of digital still/video cameras, ruggedized palmtop/laptop computers with image manipulation software and data controllers. Three versions are planned: Splashproof-Still Digital (SV1A), Splashproof-Single Frame Video Grab (SV1B), and Waterproof-Still Digital (SV2).</p> <p>FY 2000 PROGRAM JUSTIFICATION: Procures the Low-Rate Initial Production (LRIP) quantities (10 SV1A's, 4 SV1B's, and 2 SV2's) to be used as test articles for operational testing; these LRIP units will be fielded once Milestone III occurs.</p>		

UNCLASSIFIED

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<p>FY 2001 PROGRAM JUSTIFICATION: Procures 78 SV1A's, 28 SV1B's, 22 SV2's, software and data controllers, initial cadre training, and initial spares.</p> <p>ABOVE OPERATIONAL ELEMENT (GARRISON)</p> <p>8. Joint Deployable Intelligence Support System (JDISS) - Special Operations Command Research, Analysis, and Threat Evaluation System (JDISS-SOCRATES). The JDISS-SOCRATES Program provides a wide range of mission-directed automated intelligence and imagery support to HQ USSOCOM, its component commands, and Theater Special Operations Commands both in garrison and deployed. JDISS-SOCRATES also includes the 4th POG Psychological Operations Automation System and the JSOC Special Operations Intelligence System (SOIS). The SOIS was reprogrammed into the JDISS-SOCRATES program to integrate common technical solutions and to better manage Intelligence Automated Information Systems supporting SOF. JDISS-SOCRATES is an umbrella client-server based architecture which allows single workstation access to the data bases and provides secure, on-line services to remote sites via SCAMPI (a secure communications distribution system), Secret Internet Protocol Routed Network, and the Joint Worldwide Intelligence Communications System. Through connectivity with local, theater and national intelligence assets and data bases, JDISS-SOCRATES provides tailored, near real-time support to the SOF analysts. JDISS-SOCRATES capabilities include data processing, video mapping, news and message traffic, soft copy imagery processing and secondary imagery dissemination. The program ensures SOF intelligence interoperability and connectivity worldwide.</p> <p>FY 2000 PROGRAM JUSTIFICATION: JDISS-SOCRATES is an evolutionary acquisition program and will provide technology insertions along with a proportional replacement for the next generation of equipment and software. Technology insertions planned include enhancements to the indications and warning, collection management, electronic intelligence, and National broadcast system capabilities as well as multimedia</p>		

UNCLASSIFIED

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<p>production storage upgrades.</p> <p>FY 2001 PROGRAM JUSTIFICATION: JDISS-SOCRATES is an evolutionary acquisition program and will provide technology insertions along with a proportional replacement for the next generation of equipment and software. Technology insertions planned include enhancements to intelligence preparation of the battlefield, joint intelligence fusion, collection asset management, automated language translation and meteorological and oceanographic system capabilities.</p>		

UNCLASSIFIED

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<b>MODIFICATION SUMMARY</b>												
<u>DESCRIPTION</u>				<u>Prior Years</u>	<u>FY98</u>	<u>FY99</u>	<u>FY00</u>	<u>FY01</u>	<u>FY02</u>	<u>FY03</u>	<u>FY04</u>	<u>FY05</u>
1.	PRIVATEER (MKV)			.000	5.674	.783	5.700	4.080				
*Total does not include Upgrade/Sustainment cost.												
<b>* SUBTOTAL FOR MODS</b>				<b>.000</b>	<b>5.674</b>	<b>.783</b>	<b>5.700</b>	<b>4.080</b>				



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COST ANALYSIS EXHIBIT (P-5) - Work Breakdown Structure Cost Elements (\$thousands)	A. Appropriation/Budget Activity Title/No. Procurement, Defense-Wide/Proc. Just./2				B. Line Item Nomenclature SOF INTELLIGENCE SYSTEMS		C. DATE: FEBRUARY 1999			
	FY 1997		FY 1998		FY 1999		FY 2000		FY 2001	
	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost	Unit Cost	Total Cost
<b>1. MULTI-MISSION ADVANCED TACTICAL</b>										
TERMINAL (MATT)										
A. Prime Mission Equip (MATT)	166.772	167	160.162	2,563						
B. Prime Mission Equipment (BMATT)	161.047	322	171.865	688						
C. Production Engineering		3,359		2,974		635				
D. MATT/IDAS Integration		9,823								
Subtotal		13,671		6,225		635				
<b>2. SILENT SHIELD</b>										
A. Prime Mission Equipment - CSS									224.000	6,048
B. Prime Mission Equipment - TDR		846							175.000	3,675
C. Initial Spares										2,003
D. Production Engineering		2,343								4,834
Subtotal		3,189								16,560
<b>3. INTEGRATED SURVEY PROGRAM</b>										
A. Data Collection Suites	156.000	468	166.000	1,162						
B. Initial Spares						216				
Subtotal		468		1,162		216				
<b>4. PRIVATEER</b>										
A. Prime Mission Equipment - MKV			500.000	3,500	515.000	515	579.714	4,058	592.200	2,961
B. Production Engineering - MKV				1,665		188		1,125		817
C. Initial Spares - MKV				525		80		517		302
D. Prime Mission Equipment - PC	1,682.500	6,730	330.000	2,310						
E. Evolutionary Technology Insertions								1,497		960
Subtotal		6,730		8,000		783		7,197		5,040
<b>5. SOF SIGINT MANPACK SYSTEM</b>										
A. Evolutionary Technology Insertions				6,574		652				
<b>6. SOF INTELLIGENCE VEHICLE</b>										
A. Evolutionary Technology Insertions		200				2,517				
Subtotal		200				2,517				
<b>7. SOTVS</b>										
A. Prime Mission Equipment (PME) - SV1A									32.487	2,534
B. PME - SV1B									21.607	605
C. PME - SV2									48.318	1,063
D. LRIP - SV1A							31.900	319		



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2. SILENT SHIELD										
A. Prime Mission Equipment - CSS FY 00	27	224.000	SPAWARSYSCEN	Various	Various	DEC 00	JUN 01	YES		
B. Prime Mission Equipment - TDR FY 01	21	175.000	USSOCOM	Unknown	Unknown	DEC 00	JUN 01	YES		
4. PRIVATEER										
A. Prime Mission Equipment - MKV FY 98	7	500.000	Various	Various	Various	Various	Various	YES		
FY 99	1	515.000	Various	Various	Various	Various	Various	YES		
FY 00	7	579.714	Various	Various	Various	Various	Various	YES		
FY 01	5	592.200	Various	Various	Various	Various	Various	YES		
7. SPECIAL OPERATIONS TACTICAL VIDEO SYSTEM										
A. Prime Mission Equipment - SV1A FY 01	78	32.487	USSOCOM	Various	Various	Various	Various	YES		
B. Prime Mission Equipment - SV1B FY 01	28	21.607	USSOCOM	Various	Various	Various	Various	YES		
C. Prime Mission Equipment - SV2 FY 01	22	48.318	USSOCOM	Various	Various	Various	Various	NO		
D. REMARKS										

BUDGET PROCUREMENT HISTORY AND PLANNING							A. DATE: FEBRUARY 1999			
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7. SPECIAL OPERATIONS TACTICAL VIDEO SYSTEM (Cont)										
D. LRIP - SV1A FY 00	10	31.900	USSOCOM	Various	Various	Various	Various	YES		
E. LRIP - SV1B FY 00	4	21.250	USSOCOM	Various	Various	Various	Various	YES		
F. LRIP - SV2 FY 00	2	47.500	USSOCOM	Various	Various	Various	Various	NO		
D. REMARKS										

