

COMMITTEE STAFF PROCUREMENT BACKUP BOOK

FY 2001 BUDGET SUBMISSION

February 2000

AMERICAN FORCES INFORMATION SERVICE

PROCUREMENT, DEFENSE-WIDE

American Forces Information Service

	<u>(\$ in Millions)</u>
FY 2001 Estimate	\$4.695
FY 2000 Estimate	\$5.006
FY 1999 Actual	\$5.442

Purpose and Scope

These funds provide for procurement of mission essential new and replacement equipment for the American Forces Information Service (AFIS).

Justification of Funds

1. Major Equipment and Systems

- a. The American Forces Information Service Fiscal Year 2000 program of \$5.006 million will provide the capital investment funds for a portion of the multi-year initiative for the automation of major portions of the Armed Forces Radio and Television Service-Broadcast Center (AFRTS-BC) operations, normal life cycle replacement of several information technology systems, and replacement of several analog systems with digital technology in support of the AFRTS-BC and the Defense Visual Information Center.

Exhibit P-40, Budget Item Justification							Date February 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)							P-1 Line Item Nomenclature Major Equipment, AFIS					
Program Element for Code B Items:					Other Related Program Elements							
	ID Code	Prior Years	FY 1998	FY 1999	FY 2000	FY 2001	FY 2002	FY 2003	FY 2004	FY 2005	To Complete	Total
Proc Qty												
Gross Cost			7.632	5.442	5.006	4.695	4.769	4.852	4.952	5.059		
Less PY Adv Proc												
Plus CY Adv Proc												
Net Proc (=P-1)												
Initial Spares												
Total Proc Cost			7.632	5.442	5.006	4.695	4.769	4.852	4.952	5.059		
Flyaway U/C												
Wpn Sys Proc U/C												
<p>Description: The American Forces Information Service (AFIS) Fiscal Year 2000 program of \$5.0 million funds normal life cycle replacement, automates currently manual operations, and accomplishes required upgrades of its broadcast, visual information, and management information systems (MIS) to support the operations of the DoD Internal Information Program. The digital compression/encryption technology project will replace current analog systems with digital ones and improve broadcasting services. The Armed Forces Radio and Television Service - Broadcast Center (AFRTS-BC) will replace obsolete and aging systems required to keep its services operational and technologically current. In order to accelerate the procurement of AFRTS radio and television broadcast systems automation equipment and our digital compression/encryption technology, some of the existing FY 2000 AFIS funds were reprogrammed from essential but lower priority projects to support this high priority project. The projects which could be deferred from procurement in FY 2000 to FY 2001 and 2002 with minimal adverse impact on the AFIS mission, include the life cycle replacement of MIS systems and radio, television, and other related systems directly supporting the training curriculum at the Defense Information School (DINFOS). The AFRTS project is being driven by rapidly changing technology requirements occurring in the private sector. The AFRTS is required to conform to evolving commercial standards since it uses the same technology as commercial broadcasting. This project will also improve the availability of our broadcast programming and command information for service members and their families stationed overseas. The AFRTS is a major quality of life factor for our service members and their families overseas. Accelerating the completion of the AFRTS project will provide improved broadcast services more quickly to the over 1,000 AFRTS outlets worldwide. It will also automate current manpower intensive processes thereby facilitating AFIS' meeting its manpower and financial reductions in the outyears which have already been removed from the AFIS program. The AFIS MIS project will upgrade systems to support its rapidly expanding automation requirements to satisfy evolving mission needs. In the first of two phases, the Defense Visual Information Center (DVIC) will expand the capabilities of its existing Digital Image Management System to better meet ever increasing customer demands.</p> <p>The AFIS Fiscal Year 2001 program of \$4.7 million will continue to provide for the acquisition of state-of-the-art systems, automation initiatives, and normal life-cycle replacement to support the DOD Internal Information Program. As the AFRTS-BC's many current analog systems reach the end of their life cycle, they will be replaced with digital systems. Funds originally programmed for FY 2001 and 2002 to support the AFRTS-BC project will be reprogrammed to procure those essential MIS and DINFOS projects deferred from FY 2000. The DINFOS MIS upgrade is an ongoing program to maintain the school's required capabilities to effectively meet its requirements. The DoD Joint Combat Camera Center will acquire a digital non-linear editor to replace outdated technology. In the continuing effort to migrate from analog to digital technology, the DINFOS will convert its switcher control system and update its audio and editing system to digital. Procurement of the digital audio/video measurement and monitoring system will provide the systems essential for the DINFOS to teach broadcast maintenance personnel on digital technology. In the last phase of the project, the DVIC will upgrade the Digital Image Management System to allow for expanding DoD imagery storage and retrieval requirements.</p>												

Exhibit P-5 Cost Analysis (Page 1)	Weapon System				Date: FEBRUARY 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					ID Code	P-1 Line Item Nomenclature				
Procurement, Defensewide, American Forces Information Service (AFIS)					Major Equipment, AFIS					
WBS COST ELEMENTS	Prior Yr Total Cost	1998 Unit Cost	1998 Total Cost	1999 Unit Cost	1999 Total Cost	2000 Unit Cost	2000 Total Cost	2001 Unit Cost	2001 Total Cost	
<u>Armed Forces Radio & Television Service</u>										
Radio/Television Production Equipment		120	120	1						
Audio and TV Distribution System		348	348	2,182	2,182	2,856	2,856	852	852	
Digital Compression/Encryption System		943	943					283	283	
Contingency Systems		502	502							

P-1 Shopping List - Item No 4-2

Exhibit P-5, Cost Analysis
(Exhibit P-5, Page 1 of 5)

Exhibit P-5a, Procurement History and Planning (Page 1)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)					P-1 Line Item Nomenclature Major Equipment, AFIS					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 1998</u>										
Radio/Television Production Equipment	1	120	T-ASA McClellan AFB,CA	Oct-97	C/FP	Pesa Switching Melville, NY	May-98	Jun-98	Yes	
Audio and TV Distribution System	1	348	T-ASA McClellan AFB,CA	Dec-98	C/FP	Sony Electronics Park Ridge, NJ	Aug-99	Mar-00	Yes	
Digital Compression/ Encryption System	1	943	T-ASA McClellan AFB,CA	Sep-97	C/FP	Scientific Atlanta Norcross, GA	Dec-97	Mar-98	Yes	
Contingency Systems	1	502	T-ASA McClellan AFB,CA	Sep-97	C/FP	Scientific Atlanta Norcross, GA	May-98	Aug-98	Yes	
Television System	1	870	T-ASA McClellan AFB,CA	Oct-97	C/FP	Sony Cypress, GA	Jan-98	Mar-98	Yes	
Radio System	1	127	T-ASA McClellan AFB,CA	Sep-97	C/FP	Wegener Communications Duluth, GA	Dec-97	May-98	Yes	

P-1 Shopping List - Item No 4-8

Exhibit P-5a, Procurement History and Planning

(Exhibit P-5a, Page 1 of 7)

EXHIBIT P-1, PROCUREMENT PROGRAM

Appropriation: Procurement, Defense-Wide

Date: February 2000

Budget Activity: American Forces Information Service

P-1 Line	Item	Ident	TOA, \$ in Millions							
			FY 1999	FY 2000	FY 2001		FY 2002			
<u>Item No.</u>	<u>Nomenclature</u>	<u>Code</u>	<u>Qty</u>	<u>Cost</u>	<u>Qty</u>	<u>Cost</u>	<u>Qty</u>	<u>Cost</u>	<u>Qty</u>	<u>Cost</u>
01 01 32	Major Equipment			5,442		5,006		4,695		4,769

Exhibit P-5a, Procurement History and Planning (Page 2)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)						P-1 Line Item Nomenclature Major Equipment, AFIS				
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 1998 (Cont'd)</u>										
AFIS MIS Upgrade	1	809	DASC-CA Fort Belvoir, VA	Mar-98	C/FP	Intellisys Corp Fairfax, VA	Apr-98	Apr-98	Yes	
DINFOS MIS Upgrade	1	643	T-ASA McClellan AFB,CA	Mar-98	C/FP	COMPAQ Bethesda, MD	Apr-98	May-98	Yes	
Media Inventory Mgmt System Upgrade	1	230	T-ASA McClellan AFB,CA	Dec-98	C/FP	CC Software Salt Lake City, UT	Jul-99	Jan-00	Yes	
Remote Imagery Accessioning System	1	263	GSA Kansas City, MO	Jun-98	C/FP	New Tech Mgmt Inc Oakton, VA	Aug-98	Sep-98	No	
Video Production and Editing System	1	2,306	T-ASA McClellan AFB,CA	Oct-97	C/FP	Panasonic Brdcst Rockville, MD	Jan-98	Mar-98	Yes	
Computer Embedded System	1	224	T-ASA McClellan AFB,CA	Jun-98	C/FP	Sony Electronics Rancho Cordova, CA	Jul-98	Aug-98	Yes	
Digital Image Management System	1	247	T-ASA McClellan AFB,CA	Jan-98	C/FP	Image Mkgmt Svs Mendon, NY	Apr-98	Jun-98	No	
<u>FY 1999</u>										
Audio and TV Distribution System	1	2,182	T-ASA McClellan AFB, CA	Dec-98	C/FP	Sony Electronics Park Ridge, NJ	Aug-99	Mar-00	No	

P-1 Shopping List - Item No 4-9

Exhibit P-5a, Procurement History and Planning

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Exhibit P-5a, Procurement History and Planning (Page 3)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)						P-1 Line Item Nomenclature Major Equipment, AFIS				
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 1999 (Cont'd)</u>										
Television System	1	1098	T-ASA McClellan AFB, CA	Dec-98	C/FP	Sony Electronics Park Ridge, NJ	Aug-99	Mar-99	Yes	
AFIS MIS Upgrade	1	701	T-ASA McClellan AFB, CA	Jan-99	C/FP	Dell Marketing Round Rock, TX	Jul-99	Jul-99	No	
DINFOS MIS Upgrade	1	337	T-ASA McClellan AFB, CA	Jan-99	C/FP	COMPAQ Corp Houston, TX	Jul-99	Oct-99	No	
Video Duplication System	1	136	T-ASA McClellan AFB, CA	Feb-99	C/FP	R E Snader Assoc Roseville, CA	Apr-99	Jun-99	No	
Digital Video Edit System	1	135	GSA Kansas City, MO	Dec-98	C/FP	New Tech Mgmt Oakton, VA	Feb-99	Mar-99	No	
Digital Studio	1	130	T-ASA McClellan AFB, CA	Feb-99	C/FP	Avid Technology Washington, DC	Jun-99	Jul-99	No	
Library Management System	1	109	T-ASA McClellan AFB, CA	Dec-98	C/FP	The Library Corp Inwood, WV	Jun-99	Oct-99	Yes	

P-1 Shopping List - Item No 4-10

Exhibit P-5a, Procurement History and Planning

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Exhibit P-5a, Procurement History and Planning (Page 4)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)					P-1 Line Item Nomenclature Major Equipment, AFIS					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 1999 (Cont'd)</u>										
Video Production and Editing System	1	290	T-ASA McClellan AFB, CA	Mar-99	C/FP	R E Snader Roseville, CA	Jun-99	Sep-99	Yes	
Supplemental Digital Image Mass Storage System	1	202	T-ASA McClellan AFB, CA	Dec-98	C/FP	Sony Electronics Park Ridge, NJ	Feb-99	Mar-99	No	
Multimedia Video Production System	1	122	T-ASA McClellan AFB, CA	Dec-98	C/FP	Panasonic Broadcast & TV System Rockville, MD	Feb-99	Apr-99	No	
<u>FY 2000</u>										
Audio and TV Distribution System	1	2,856	T-ASA McClellan AFB, CA	Oct-99	C/FP	Sony Electronics Park Ridge, NJ	Jan-00	Dec-00	Yes	

P-1 Shopping List - Item No 4-11

Exhibit P-5a, Procurement History and Planning (Page 5)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)					P-1 Line Item Nomenclature Major Equipment, AFIS					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 2000 (Cont'd)</u>										
Satellite TV/Radio Receiving Transmission System	1	300	T-ASA McClellan AFB, CA	Oct-99	C/FP	Sony Electronics Park Ridge, NJ	Jan-00	Dec-00	Yes	
Television System	1	500	T-ASA McClellan AFB, CA	Oct-99	C/FP	Sony Electronics Park Ridge, NJ	Jan-00	Dec-00	Yes	
Radio System	1	197	T-ASA McClellan AFB, CA	Oct-99	C/FP	Sony Electronics Park Ridge, NJ	Jan-00	Dec-00	Yes	
AFIS MIS Upgrade	1	927	DASC-CA Fort Belvoir, VA	Jan-00	Unknown	Unknown	Mar-00	Jul-00	No	
Digital Image Mgmt System	1	226	T-ASA McClellan AFB, CA	Jun-00	C/FP	Unknown	Aug-00	Dec-00	No	

P-1 Shopping List - Item No 4-12

Exhibit P-5a, Procurement History and Planning
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Exhibit P-5a, Procurement History and Planning (Page 6)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)					P-1 Line Item Nomenclature Major Equipment, AFIS					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 2001</u>										
Audio and TV Distribution System	1	852	T-ASA McClellan AFB, CA	Nov-00	C/FP	Unknown	Feb-01	May-01	Yes	
Digital Compression/ Encryption System	1	283	T-ASA McClellan AFB, CA	Oct-00	Option Priced	Scientific Atlanta Norcross, GA	Nov-00	Dec-00	Yes	
Satellite TV & Radio Receiving Transmission System	1	300	T-ASA McClellan AFB, CA	Nov-00	C/FP	Unknown	Feb-01	Aug-01	Yes	
Television System	1	400	T-ASA McClellan AFB, CA	Jan-01	C/FP	Unknown	Apr-01	Sep-01	Yes	
Radio System	1	153	T-ASA McClellan AFB, CA	Mar-01	C/FP	Unknown	Jun-01	Nov-01	Yes	
AFIS MIS Upgrade	1	977	DASC-CA Fort Belvoir, VA	Jan-01	Unknown	Unknown	Mar-01	Jul-01	No	

P-1 Shopping List - Item No 4-13

Exhibit P-5a, Procurement History and Planning
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Exhibit P-5a, Procurement History and Planning (Page 7)				Weapon System		Date: FEBRUARY 2000				
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number Procurement, Defensewide, American Forces Information Service (AFIS)					P-1 Line Item Nomenclature Major Equipment, AFIS					
WBS COST ELEMENTS	Qty	Unit Cost	Location of PCO	RFP Issue Date	Contract Method and Type	Contractor and Location	Award Date	Date of First Delivery	Tech Data Available Now?	Date Revisions Available
<u>FY 2001 (Cont'd)</u>										
DINFOS MIS Upgrade	1	455	T-ASA McClellan AFB, CA	Jan-01	Unknown	Unknown	Mar-01	Jul-01	No	
Digital Non-Linear Editing System	1	228	T-ASA McClellan AFB, CA	Oct-00	Unknown	Unknown	Dec-00	Apr-01	No	
TV Control Room Digital Switcher System	1	309	T-ASA McClellan AFB, CA	Nov-99	C/FP	Unknown	Jan-00	Mar-00	Yes	
Digital Audio Recording and Editing System	1	241	T-ASA McClellan AFB, CA	Oct-00	C/FP	Unknown	Dec-00	Feb-01	Yes	
Digital Audio/Video Measurement & Monitoring System	1	318	T-ASA McClellan AFB, CA	Nov-00	C/FP	Unknown	Jan-01	Feb-01	Yes	
Digital Image Mgmt System	1	179	T-ASA McClellan AFB, CA	Jun-01	C/FP	Unknown	Aug-01	Dec-01	No	

P-1 Shopping List - Item No 4-14

Exhibit P-5a, Procurement History and Planning
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Exhibit P-5 Cost Analysis (Page 2)	Weapon System				Date: FEBRUARY 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					ID Code	P-1 Line Item Nomenclature				
Procurement, Defensewide, American Forces Information Service (AFIS)					Major Equipment, AFIS					
WBS COST ELEMENTS	Prior Yr Total Cost	1998 Unit Cost	1998 Total Cost	1999 Unit Cost	1999 Total Cost	2000 Unit Cost	2000 Total Cost	2001 Unit Cost	2001 Total Cost	
<u>Armed Forces Radio & Television Service-Broadcast Center</u>										
Satellite TV & Radio Receiving and Transmission System						300	300	300	300	
Television System		870	870	1,098	1,098	500	500	400	400	
Radio System		127	127			197	197	153	153	
<u>Automated Data Processing</u>										
AFIS MIS Upgrade		809	809	701	701	927	927	977	977	
DINFOS MIS Upgrade		643	643	337	337			455	455	

P-1 Shopping List - Item No 4-3

Exhibit P-5, Cost Analysis
(Exhibit P-5, Page 2 of 5)

Exhibit P-5 Cost Analysis (Page 3)	Weapon System				Date: FEBRUARY 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					ID Code	P-1 Line Item Nomenclature				
Procurement, Defensewide, American Forces Information Service (AFIS)					Major Equipment, AFIS					
WBS COST ELEMENTS	Prior Yr Total Cost	1998 Unit Cost	1998 Total Cost	1999 Unit Cost	1999 Total Cost	2000 Unit Cost	2000 Total Cost	2001 Unit Cost	2001 Total Cost	
<u>Automated Data Processing</u> <u>(Cont'd)</u>										
Media Inventory Mgmt System Upgrade		230	230	1						
<u>Joint Combat Camera</u>										
Remote Imagery Accessing System		263	263	1						
Digital Video Edit System					135	135	1			
Video Duplication System					136	136	1			
Digital Non-Linear Editing System								228	1 228	

P-1 Shopping List - Item No 4-4

Exhibit P-5, Cost Analysis
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Exhibit P-5 Cost Analysis (Page 4)	Weapon System				Date: FEBRUARY 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number					ID Code	P-1 Line Item Nomenclature				
Procurement, Defensewide, American Forces Information Service (AFIS)					Major Equipment, AFIS					
WBS COST ELEMENTS	Prior Yr Total Cost	1998 Unit Cost	1998 Total Cost	1999 Unit Cost	1999 Total Cost	2000 Unit Cost	2000 Total Cost	2001 Unit Cost	2001 Total Cost	
<u>Defense Information School</u>										
Video Production and Editing System		2,306	1 2,306	290	1 290					
Computer Embedded System		224	1 224							
Library Management System				109	1 109					
Digital Studio				130	1 130					
TV Control Room Digital Switcher System								309	1 309	
Digital Audio Recording and Editing System								241	1 241	

P-1 Shopping List - Item No 4-5

Exhibit P-5, Cost Analysis
(Exhibit P-5, Page 4 of 5)

Exhibit P-5 Cost Analysis (Page 5)		Weapon System			Date: FEBRUARY 2000					
Appropriation (Treasury) Code/CC/BA/BSA/Item Control Number				ID Code	P-1 Line Item Nomenclature					
Procurement, Defensewide, American Forces Information Service (AFIS)				Major Equipment, AFIS						
WBS COST ELEMENTS	Prior Yr Total Cost	1998 Unit Cost	1998 Total Cost	1999 Unit Cost	1999 Total Cost	2000 Unit Cost	2000 Total Cost	2001 Unit Cost	2001 Total Cost	
<u>Defense Information School</u>										
<u>(Cont'd)</u>										
Digital Audio/Video Measurement and Monitoring System								318	1 318	
<u>Defense Visual Information Center</u>										
Digital Image Management System		247	1 247			226	1 226	179	1 179	
Supplemental Digital Image Mass Storage System				202	1 202					
Multimedia Video Production System				122	1 122					
TOTAL			7,632		5,442		5,006		4,695	

P-1 Shopping List - Item No 4-6

Exhibit P-5, Cost Analysis
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