

CLASSIFICATION:

UNCLASSIFIED

BUDGET ITEM JUSTIFICATION SHEET P-40							DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY OTHER PROCUREMENT, NAVY/BA 3							P-1 ITEM NOMENCLATURE BLI 424200 OTHER PHOTOGRAPHIC EQUIPMENT - Y3SX					
Program Element for Code B Items:							Other Related Program Elements					
	Prior Years	ID Code		FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	\$77.5			\$1.6	\$1.8	\$1.4	\$1.5	\$1.5	\$1.6	\$1.6	\$1.8	\$90.2
<p>OTHER PHOTOGRAPHIC EQUIPMENT</p> <p>The Naval Air Systems Command is tasked to fund transition of shipboard photographic labs from traditional file technology to digital imagery technology (CNO Memo Ser 09B/2U2501983 of 23 Oct 92 applies). The main photographic lab supports the full visual imaging program afloat to include: Carrier Intelligence Center (CVIC) support (Bomb Damage Assessment (BDA) and target imagery), incidents and accidents at sea, medical media, copy and reproduction, investigation, aerial and surface, combat camera, safety, training, and Public Affairs Office (PAO).</p> <p>Electronic/digital imagery acquisition media is rapidly expanding (ATARS, TAMPS, JSIPS). It is imperative the photo lab be able to interface with the new electronic media. Hard copy imagery is required in the documentation of real world events (drug interdiction program, humanitarian relief efforts, shipboard and flight operational documentation). This imagery is used at all levels within the Executive Branch of the government including CNO, SECNAV, JCS, National Military Command Center and the White House. Hard copy photographs are used in the decision making process by the Fleet and Battle Group Commanders and directly impacts the overall Navy Mission. Digital imagery can be quickly disseminated via shipboard communication systems to support decision makers at the local, theatre, and global levels (CVBG, CINC, and JCS).</p> <p>Digital technology will generate less environmentally damaging effluents than traditional photographic processes and will have no impact on shipboard water consumption. Electronic imaging is less manpower intensive and requires less maintenance and overall support resources than traditional mechanical hardware.</p> <p>In order to fully utilize the film technology employed on ships, a two phase transition plan will be implemented. An interim photo lab will be installed to interface with existing file technology, which will allow the ships to maintain 100% mission capability until final digital installation. LANT and PAC deployment schedules and pier-side availability will determine the installation schedule.</p> <p>Digital Photo Lab Phase I includes one hard-mounted electronics work station, one portable backup workstation, one high capacity digital printer, three digital hand-held cameras, and the software to run this equipment. Digital Photo Lab Phase II adds two hardmounted Pentium based workstations (comprised on two hard-mounted electronic work stations), one large format digital printer, one high resolution printer, a LAN to tie them together, two digital color cameras, and some miscellaneous small equipment/software required to tie Phase I and Phase II labs together. Phase I equipment installations were completed in FY95. Phase II began in FY95 and continues beyond the FYDP. As digital camera technology improves the equipment will be upgraded/replaced to provide the latest technology.</p>												

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CINCLANT MSG DTG 051820Z Apr 00 identified emerging fleet requirements for the Digital Photo Lab. The next generation Digital Photo Lab was concept tested and evaluated in FY01 and resulted in Digital Photo Lab Phase II modifications (DPL V2X) to meet the critical requirement for processing analog and digital video imagery. The system must be expanded to meet fleet requirements for visual imaging products while achieving the original program goal of reducing dependence on chemical processes. Additionally, DPL directly supports intelligence gathering and analysis through video and multi-media center. The existing DPL Phase II systems, to include obsolete equipment, will be upgraded to DPL V2X through the life cycle of the system.

REWSON: Reconnaissance Electronics Warfare Special Operations Navy

This line procures photographic file processing, printing and file interpretation equipment for the exclusive support of the on-going intelligence mission of CV/CVNs. Specifically, this equipment primarily supports the mission of the F-14 Tactical Airborne Reconnaissance Pod System (TARPS) as well as related Carrier Intelligence Center (CVIC) photographic requirements, and the hand held intelligence photography collected by the embarked Airwing (nine squadrons) and deployed Carrier Battle Group (CVBG). The CVBG normally consists of the CV/CVN and its support ships.

Also, this equipment supports the photographic intelligence that is disseminated from internal and National sources to the Airwing (CVW) and CVBG. TARPS imagery is often provided to in-theater NATO forces as well. TARPS remains the only tactical aerial photographic reconnaissance asset in theater and is directly controlled by the Theater Commander.

This line also procures digital equipment for the exploitation, interpretation and printing of digital imagery downlinked from TARPS. The digital suites can be expanded into the future to be used for exploitation of video imagery from tactical and strategic reconnaissance systems (including FLIR).

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WEAPONS SYSTEM COST ANALYSIS P-5			Weapon System						DATE: February 2004					
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA3			ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD BLI 424200 OTHER PHOTOGRAPHIC EQUIPMENT - Y3SX										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS											
			Prior Years	FY 2003			FY 2004			FY 2005				
			Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost		
SX008	PHOTO EQUIPMENT UNDER \$100K	A	319											
SX019	DIGITAL COLOR PRINTER	A	268											
SX020	DIGITAL PHOTO LAB WORKCENTER	A	5,578	3	132	397	3	157	471	3	143	430		
SX021	DIGITAL SLR COLOR CAMERA	A	2,222	4	13	50	4	13	50	4	13	50		
SX050	MISC SCALL EQUIP & ECPS (PREVIOUS S4019 OF Y3S4)*	A	114			0			0			0		
SX100	DIGITAL CAMERA RECEIVING STATION	A	5,123	4	148	590	4	174	694	3	140	419		
SX830	PRODUCTION ENGINEERING & LOGISTICS SUPPORT		808											
SX900	INSTALLATION (NON-FMP) VARIOUS OTHER COSTS, FY 97 & PRIOR OTHER PHOTOGRAPHIC EQUIPMENT		4,653			520			539			539		
			58,442											
			77,527						1,557			1,754		1,438

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B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA3					C. P-1 ITEM NOMENCLATURE BLI 424200 OTHER PHOTOGRAPHIC EQUIPMENT			A. DATE February 2004		
					Weapon System			SUBHEAD Y3SX		
Cost Element/ FISCAL YEAR	QUANTITY	UNIT COST (000)	LOCATION OF PCO	RFP ISSUE DATE	CONTRACT METHOD & TYPE	CONTRACTOR AND LOCATION	AWARD DATE	DATE OF FIRST DELIVERY	TECH DATA AVAILABLE NOW ?	DATE REVISIONS AVAILABLE
DIGITAL PHOTO LAB WORKSTATION										
SX020/FY 2003	3	132	SPAWAR DET., Phil	Apr-03	C/FP	Various	Jun-03	Sep-03	YES	
SX020/FY 2004	3	157	SPAWAR DET., Phil	Apr-04	C/FP	Various	Jun-04	Sep-04	YES	
SX020/FY 2005	3	143	SPAWAR DET., Phil	Apr-05	C/FP	Various	Jun-05	Sep-05	YES	
DIGITAL SLR COLOR CAMERA										
SX021/FY 2003	4	13	SPAWAR DET., Phil	Apr-03	C/FP	Eastman Kodak, Rochester	Jun-03	Sep-03	YES	
SX021/FY 2004	4	13	SPAWAR DET., Phil	Apr-04	C/FP	Eastman Kodak, Rochester	Jun-04	Sep-04	YES	
SX021/FY 2005	4	13	SPAWAR DET., Phil	Apr-05	C/FP	Eastman Kodak, Rochester	Jun-05	Sep-05	YES	
DIGITAL CAMERA RECEIVING STATION										
SX100/FY 2003	4	148	SPAWAR DET., Phil	Apr-03	C/FP	Eastman Kodak, Rochester	Jun-03	Sep-03	YES	
SX100/FY 2004	4	174	SPAWAR DET., Phil	Apr-04	C/FP	Eastman Kodak, Rochester	Jun-04	Sep-04	YES	
SX100/FY 2005	3	140	SPAWAR DET., Phil	Apr-05	C/FP	Eastman Kodak, Rochester	Jun-05	Sep-05	YES	
D. REMARKS										