

CLASSIFICATION:

UNCLASSIFIED

					DATE						
APPROPRIATION/BUDGET ACTIVITY OP,N - BA4 Ordnance Support Equipment					P-1 ITEM NOMENCLATURE Naval Fires Network					BLI: 511200	
	FY 2002	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	TO COMP	TOTAL	
QUANTITY											
COST (in millions)	0.000	0.000	23.997	4.761	4.861	4.850	28.037	23.135	To continue	89.641	

*Funding includes FY04 Congressional Adds for NFN BLI 5112 - \$5.062M LSS Remote Sensors, \$15.645M LSS, \$3.290M NFCS for LSS

The Joint Fires Network (JFN) is a system which will automate, coordinate, and correlate, in real time, the processing of multiple tactical data streams from various surveillance/intelligence sources to provide time-critical fire control solutions for advanced weapon systems and sensors. The automation/correlation provided by JFN will provide the Navy an ability to quickly target and re-target precision weapons, greatly enhancing their effectiveness and lethality.

The Littoral Surveillance System (LSS) is an all source intelligence, surveillance, reconnaissance, and targeting system that will receive, process and disseminate information in support of senior military commanders. The system can also be used in peacetime to support the decision making process of civilian authorities in response to Homeland Security requirements and natural disasters such as floods, earthquakes and hurricanes where timely information on conditions in a given geographical area are required.

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WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: February 2004		
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA-4				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD NAVAL FIRES CONTROL SYSTEM 5112 (A4FC) NAVAL FIRES NETWORK										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			2002 and Prior Years Total Cost				FY 2003			FY 2004			FY 2005		
						Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
FC001	NFCS Phase I					11	324.09	3,565.0	4	400.0	1,600.0	3	412.00	1,236.0	
FC002	Installation of NFCS Equipment					2	233.50	467.0	5	200.0	1,000.0	4	206.0	824.0	
FC003	NFN														
FC004	Installation of NFN Equipment														
FC005	RTC											2	2,075.0	4,150.0	
FC006	Installation of RTC Equipment (NFN)											2	300.0	600.0	
FC007	LSS Update								1	15,645.0	15,645.0				
FC008	LSS Remote Sensors								1	5,062.0	5,062.0				
FC009	NFCS for LSS								1	3,290.0	3,290.0				
FC830	Production Engineering Support (NFCS)							1,431.0			1,529.0			789.0	
FC832	Production Engineering Support (NFN)													11.0	
								5,463				28,126			

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BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System			A. DATE			
B. APPROPRIATION/BUDGET ACTIVITY					C. P-1 ITEM NOMENCLATURE				SUBHEAD		
Other Procurement, Navy/BA-4 Ordnance Support Equipment					NAVAL FIRES CONTROL SYSTEM 5112				A4FC		
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	SPECS AVAILABLE NOW	DATE REVISIONS AVAILABLE	
NFCS Phase 1											
FY2003	11	324.09	NAVSEA	OCT-02	FFP	TBD	FEB-03	MAY-04	YES	OCT-02	
FY2004	4	400.00	NAVSEA	OCT-03	FFP	TBD	FEB-04	MAY-05	YES	TBD	
FY2005	3	412.00	NAVSEA	OCT-04	FFP	TBD	FEB-05	MAY-06	YES	TBD	
RTC											
FY2003	0	2,075.0			Various	Classified					
FY2004	0	2,075.0			Various	Classified					
FY2005	2	2,075.0			Various	Classified					
LSS Update											
FY2003	0	15,645.0			Various	Classified					
FY2004	1	15,645.0			Various	Classified					
FY2005	0	15,645.0			Various	Classified					
LSS Remote Sensors											
FY2003	0	5,062.0			Various	Classified					
FY2004	1	5,062.0			Various	Classified					
FY2005	0	5,062.0			Various	Classified					
NFCS for LSS											
FY2003	0	3,290.00			Various	Classified					
FY2004	1	3,290.00			Various	Classified					
FY2005	0	3,290.00			Various	Classified					
D. REMARKS											

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P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: _____ TYPE MODIFICATION: _____ MODIFICATION TITLE: Naval Fires Control System Phase I

DESCRIPTION/JUSTIFICATION:
 Naval Fires Control System Phase 1 will be integrated in Tactical TOMAHAWK Weapons Control System (TTWCS) and installed on CG's and DDG's

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

	<u>FY 2002 & Prior</u>		<u>FY 2003</u>		<u>FY 2004</u>		<u>FY 2005</u>		<u>FY 2006</u>		<u>FY 2007</u>		<u>FY 2008</u>		<u>FY 2009</u>		<u>TC</u>		<u>TOTAL</u>		
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	
<u>FINANCIAL PLAN (IN MILLIONS)</u>																					
<i><u>RDT&E</u></i>																					0.00
<i><u>PROCUREMENT</u></i>																					
INSTALLATION KITS			11	3.56	4	1.60	3	1.23	13	5.20	5	2.00	7	2.80	7	2.80				50	19.19
INSTALLATION KITS - UNIT COST				0.32		0.40		0.41		0.42		2.00		0.75							0.00
INSTALLATION KITS NONRECURRING																					0.00
EQUIPMENT																					0.00
EQUIPMENT NONRECURRING																					0.00
ENGINEERING CHANGE ORDERS																					0.00
DATA																					0.00
TRAINING EQUIPMENT																					0.00
SUPPORT EQUIPMENT																					0.00
PRODUCTION SUPPORT																					0.00
OTHER (ILS/TEST SUPPORT)																					0.00
OTHER (CSS)																					0.00
INTERIM CONTRACTOR SUPPORT																					0.00
INSTALL COST			2	0.50	5	1.00	4	0.80	0	0.00	8	2.00	3	0.75	0	0.00	28			50	5.05
TOTAL PROCUREMENT			11	4.06	4	2.60	3	2.03	13	5.20	5	4.00	7	3.55	7	2.80					24.24

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P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: _____ MODIFICATION TITLE: NAVAL FIRES CONTROL SYSTEM

INSTALLATION INFORMATION: ALTERATION INSTALLATION TEAM (AIT)

METHOD OF IMPLEMENTATION: _____

ADMINISTRATIVE LEADTIME: _____

PRODUCTION LEADTIME: 15 Months

CONTRACT DATES: FY 2002: N/A

FY 2003: N/A

FY 2004: N/A

DELIVERY DATE: FY 2002: N/A

FY 2003: N/A

FY 2004: N/A

(\$ in Millions)

Cost:	Prior Years		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
PRIOR YEARS																							
FY 2002 EQUIPMENT																							
FY 2003 EQUIPMENT					2	0.50																2	0.50
FY 2004 EQUIPMENT							5	1.00														5	1.00
FY 2005 EQUIPMENT									4	0.80												4	0.80
FY 2006 EQUIPMENT											0	0.00										0	0.00
FY 2007 EQUIPMENT													8	2.00								8	2.00
FY 2008 EQUIPMENT															3	0.75						3	0.75
FY 2009 EQUIPMENT																	0	0.00				0	0.00
TO COMPLETE																			13	3.25		13	3.25

INSTALLATION SCHEDULE:

	FY 2001 & Prior	FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	0	0	0	0	0	2	0	0	0	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	1	13	50
Out	0	0	0	0	0	0	2	0	0	0	2	1	1	1	1	1	1	1	2	2	2	2	2	2	2	2	2	1	1	1	2	1	1	14	50

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P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: TES-N TYPE MODIFICATION: _____ MODIFICATION TITLE: Naval Fires Network

DESCRIPTION/JUSTIFICATION:

The Joint Fires Network (JFN) is a system which will automate, coordinate, and correlate, in real time, the processing of multiple tactical data streams from various surveillance/intelligence sources to provide time-critical fire control solutions for advanced weapon systems and sensors. The automation/correlation provided by JFN will provide the Navy an ability to quickly target and re-target precision weapons, greatly enhancing their effectiveness and lethality.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

	<u>FY 2001 & Prior</u>		<u>FY 2002</u>		<u>FY 2003</u>		<u>FY 2004</u>		<u>FY 2005</u>		<u>FY 2006</u>		<u>FY 2007</u>		<u>FY 2008</u>		<u>FY 2009</u>		<u>IC</u>		<u>TOTAL</u>		
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	
<u>FINANCIAL PLAN (IN MILLIONS)</u>																							
<u>RDT&E</u>																							0.00
<u>PROCUREMENT</u>																							0.00
INSTALLATION KITS																						0	0.00
INSTALLATION KITS - UNIT COST																							0.00
INSTALLATION KITS NONRECURRING																							0.00
EQUIPMENT														2	16.38	2	16.38					4	32.76
EQUIPMENT NONRECURRING																							0.00
ENGINEERING CHANGE ORDERS																							0.00
DATA																							0.00
TRAINING EQUIPMENT																							0.00
SUPPORT EQUIPMENT																							0.00
PRODUCTION SUPPORT																							0.00
OTHER (ILS/TEST SUPPORT)																							0.00
OTHER (CSS)																							0.00
INTERIM CONTRACTOR SUPPORT																							0.00
INSTALL COST														2	2.00	2	2.00					4	4.00
TOTAL PROCUREMENT								0.00	0	0.00	0	0.00	0	0.00	2	18.38	2	18.38				4	36.76

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P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: RTC TYPE MODIFICATION: _____ MODIFICATION TITLE: Naval Fires Network

DESCRIPTION/JUSTIFICATION:

The Joint Fires Network (JFN) is a system which will automate, coordinate, and correlate, in real time, the processing of multiple tactical data streams from various surveillance/intelligence sources to provide time-critical fire control solutions for advanced weapon systems and sensors. The automation/correlation provided by JFN will provide the Navy an ability to quickly target and re-target precision weapons, greatly enhancing their effectiveness and lethality.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: _____

	FY 2001 & Prior		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		TC		TOTAL		
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	
FINANCIAL PLAN (IN MILLIONS)																							
<i>RDT&E</i>																							0.00
<i>PROCUREMENT</i>																							
INSTALLATION KITS																							0.00
INSTALLATION KITS - UNIT COST																							0.00
INSTALLATION KITS NONRECURRING																							0.00
EQUIPMENT								2	4.15	2	4.15	2	4.15	4	8.30	2	4.15					12	24.90
EQUIPMENT NONRECURRING																							0.00
ENGINEERING CHANGE ORDERS																							0.00
DATA																							0.00
TRAINING EQUIPMENT																							0.00
SUPPORT EQUIPMENT																							0.00
PRODUCTION SUPPORT																							0.00
OTHER (ILS/TEST SUPPORT)																							0.00
OTHER (CSS)																							0.00
INTERIM CONTRACTOR SUPPORT																							0.00
INSTALL COST								2	0.60	2	0.60	2	0.60	4	1.20	2	0.60					12	3.60
TOTAL PROCUREMENT							0	0	2	4.75	2	4.75	2	4.75	4	9.5	2	4.75				12	28.50

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P3A (Continued) **INDIVIDUAL MODIFICATION (Continued)**

MODELS OF SYSTEMS AFFECTED: _____ MODIFICATION TITLE: NAVAL FIRES NETWORK (RTC)

INSTALLATION INFORMATION: ALTERATION INSTALLATION TEAM (AIT)

METHOD OF IMPLEMENTATION: _____

ADMINISTRATIVE LEADTIME: _____ PRODUCTION LEADTIME: 1 month

CONTRACT DATES: FY 2002: N/A FY 2003: N/A FY 2004: N/A

DELIVERY DATE: FY 2002: N/A FY 2003: N/A FY 2004: N/A

(\$ in Millions)

Cost:	Prior Years		FY 2002		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		FY 2009		To Complete		Total		
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	
PRIOR YEARS				*																			
FY 2002 EQUIPMENT																						0	0.00
FY 2003 EQUIPMENT																						0	0.00
FY 2004 EQUIPMENT																						0	0.00
FY 2005 EQUIPMENT									2	0.60												2	4.75
FY 2006 EQUIPMENT											2	0.60										2	4.75
FY 2007 EQUIPMENT													2	0.60								2	4.75
FY 2008 EQUIPMENT															4	1.20						4	9.50
FY 2009 EQUIPMENT																	2	0.60				2	4.75
TO COMPLETE																						CONT	CONT

INSTALLATION SCHEDULE:

	FY 2001 & Prior	FY 2002				FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4						
In	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	2	2	0	0	2	0	0	0	0	CONT	12			
Out	0	0	0	0	0	0	0	0	0	1	1	0	0	1	1	0	0	1	1	0	0	2	2	0	0	2	0	0	0	0	CONT	12			

