

<b>BUDGET ITEM JUSTIFICATION SHEET</b> <b>P-40</b>	DATE: <b>FEBRUARY 2004</b>
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APPROPRIATION/BUDGET ACTIVITY <b>OTHER PROCUREMENT, NAVY/BA-1</b>	P-1 ITEM NOMENCLATURE <b>Fire Fighting Equipment 81HB/0910</b>
Program Element for Code B Items: <b>Ships Support Equipment</b>	Other Related Program Elements

	Prior Years	ID Code	FY	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	To Complete	Total
QUANTITY												
COST (In Millions)	<b>\$52.0</b>			<b>\$25.1</b>	<b>\$21.9</b>	<b>\$24.7</b>	<b>\$37.5</b>	<b>\$21.1</b>	<b>\$9.7</b>	<b>\$9.1</b>		<b>\$201.1</b>
SPARES COST (In Millions)												

CNO, Surface Ship Survivability Flag Level committee, and top echelons of the Navy directed that a number of survivability improvements be incorporated into mission-essential ship and combat systems during their acquisition and modernization. Shipboard fires have emphasized the urgent need to upgrade features and design standards that contribute to survivability.

HALON 1301 (HB001): Procures new Halon cylinders since existing FY90 and prior years procured are no longer suitable for use.

BREATHING APPARATUS (HB008): The firefighter's Self-Contained Breathing Apparatus (SCBA) (HB008) is a compressed air breathing device compatible with firefighter protective wear and helmet, and other damage control equipment. The SCBA is a commercially available device which was tested and certified by the National Institute for Occupational Safety and Health (NIOSH) and is in accordance with the National Fire Protection Association (NFPA) Standard 1981 for a firefighter's breathing apparatus.

The SCBA will provide breathable air to the firefighter for a longer period of time than the OBA, with fewer physical demands on the user. It will provide air at a rate which satisfies breathing requirements of the user for duration of up to one hour. Equipment supporting the SCBA includes: booster pumps for ships with HP air system, portable diesel compressors for all ships when ships power is lost and portable electric compressors for recharging purposes for all ships (ships with HP air systems when HP air is down and all other ships are primary source of recharge air) and a filter kit which provides breathing quality air to the booster pumps/compressors for use in recharging the SCBA air cylinders. Inventory objective is 145. A total of 42 were procured in prior years, 54 are included in the Budget Years. 49 are to be procured in subsequent years. Unit cost varies.

PRODUCTION ENGINEERING (HB830): Development of technical manuals, PMS, Provisioning Technical documentation (PTD), Program Support Data (PSD) and Allowance Parts List (APLs); Engineering in support of design reviews.

INSTALLATION OF EQUIPMENT (HB5IN):  
Funding is for installation of equipment for the Fleet Modernization Program installations.

CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System									DATE: FEBRUARY 2004		
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA-1				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD  FireFighting Equipment 81HB/0910										
COST CODE	ELEMENT OF COST	ID Code	TOTAL COST IN THOUSANDS OF DOLLARS												
			Quantity	Prior Years Unit Cost	Total Cost	FY 2003			FY 2004			FY 2005			
						Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	Quantity	Unit Cost	Total Cost	
	<u>N75 EXPEDITIONARY WARFARE</u>														
HB008	BREATHING APPARATUS			5,251		5	1,132	5,658	4	941	3,765	4	783	3,133	
HB830	PRODUCTION ENGINEERING			<u>0</u>				<u>175</u>			<u>0</u>			<u>0</u>	
	N75 Subtotal			5,251				5,833			3,765			3,133	
	<u>N76 SURFACE WARFARE</u>														
HB001	HALON 1301			0		8	10	80	3	10	30	5	10	50	
HB008	BREATHING APPARATUS			7,929		13	382	4,965	9	346	3,118	15	385	5,770	
HB830	PRODUCTION ENGINEERING			<u>330</u>				<u>240</u>			<u>0</u>			<u>0</u>	
	N76 Subtotal			8,259				5,285			3,148			5,820	
	<u>N77 SUBMARINE WARFARE</u>														
HB008	BREATHING APPARATUS			<u>0</u>				<u>0</u>			<u>0</u>	1	610	<u>610</u>	
	N77 SUBMARINE WARFARE			0				0			0			610	
	<u>N78 AIR WARFARE</u>														
HB008	BREATHING APPARATUS			8,847		1	1,500	1,500	1	2,000	2,000	1	500	500	
HB830	PRODUCTION ENGINEERING			<u>0</u>				<u>0</u>			<u>0</u>			<u>0</u>	
	N78 Subtotal			8,847				1,500			2,000			500	
	ERF,D SCBA			2,000											
	TOTAL EQUIPMENT			24,357				12,618			8,913			10,063	

CLASSIFICATION:

**UNCLASSIFIED**

WEAPONS SYSTEM COST ANALYSIS P-5				Weapon System						DATE: FEBRUARY 2004					
APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy/BA-1				ID Code	P-1 ITEM NOMENCLATURE/SUBHEAD  FireFighting Equipment 81HB/0910										
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	Quantity	Unit Cost	Total Cost
HBINS	<u>INSTALLATION</u>														
	N75 EXPEDITIONARY WARFARE						5,153				7,344				5,965
	N76 SURFACE WARFARE						5,831				3,619				7,996
	N77 SUBMARINE WARFARE						0				117				477
	N78 AIR WARFARE						<u>1,500</u>				<u>1,859</u>				<u>230</u>
	ERF,D-SCBA														
	TOTAL INSTALL				27,566										
			51,923												
							25,102					21,852			24,731

# UNCLASSIFIED

CLASSIFICATION:

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE <b>FEBRUARY 2004</b>			
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-1: Ships Support Equipment					C. P-1 ITEM NOMENCLATURE <b>FIRE FIGHTING EQUIPMENT 0910</b>				SUBHEAD <b>81HB</b>	
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
<u>FY 03</u>										
<u>N75 EXPEDITIONARY WARFARE</u>										
HB008 Breathing Apparatus	5	1,132	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 02	Jan 03	YES	
<u>N76 SURFACE WARFARE</u>										
HB001 HALON	8	10	DSC RICHMOND		WX	ANSUL FIRE PROTECTION	Nov 02	Jan 03		
HB008 Breathing Apparatus	13	385	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 02	Jan 03	YES	
<u>N78 AIR WARFARE</u>										
HB008 Breathing Apparatus	1	1,500	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 02	Jan 03	YES	
D. REMARKS										

CLASSIFICATION: UNCLASSIFIED

BUDGET PROCUREMENT HISTORY AND PLANNING EXHIBIT (P-5A)					Weapon System		A. DATE FEBRUARY 2004			
B. APPROPRIATION/BUDGET ACTIVITY Other Procurement, Navy BA-1: Ships Support Equipment					C. P-1 ITEM NOMENCLATURE FIRE FIGHTING EQUIPMENT 0910				SUBHEAD 81HB	
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
<b><u>FY 04</u></b>										
<b><u>N75 EXPEDITIONARY WARFARE</u></b>										
HB008 Breathing Apparatus	4	941	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 03	Jan 04	YES	
<b><u>N76 SURFACE WARFARE</u></b>										
HB001 HALON	3	10	DSC RICHMOND		WX	ANSUL FIRE PROTECTION	Nov 03	Jan 04	YES	
HB008 Breathing Apparatus	9	346	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 03	Jan 04	YES	
<b><u>N78 AIR WARFARE</u></b>										
HB008 Breathing Apparatus	1	2,000	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 03	Jan 04	YES	
<b><u>FY 05</u></b>										
<b><u>N75 EXPEDITIONARY WARFARE</u></b>										
HB008 Breathing Apparatus	4	783	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 04	Jan 05	YES	
<b><u>N76 SURFACE WARFARE</u></b>										
HB001 HALON	5	10	DSC RICHMOND		WX	ANSUL FIRE PROTECTION	Nov 04	Jan 05	YES	
HB008 Breathing Apparatus	15	385	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 04	Jan 05	YES	
<b><u>N77 SUBMARINE WARFARE</u></b>										
HB008 Breathing Apparatus	1	610	NSWC CSS, FL		RX	GSA SCHEDULE COTS	Nov 04	Jan 05	YES	
<b><u>N78 AIR WARFARE</u></b>										
HB008 Breathing Apparatus	1	500	NSWC CSS, FL		WX	GSA SCHEDULE COTS	Nov 04	Jan 05	YES	
D. REMARKS										

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: HALON (HB001) TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

DESCRIPTION/JUSTIFICATION:

HALON 1301 procures new Halon cylinders since existing FY90 and prior procured cylinders require refurbishment.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: \_\_\_\_\_

	FY 2002 & Prior		FY		FY 2003		FY 2004		FY 2005		FY 2006		FY 2007		FY 2008		-		FY 2009		TC	QTY	TOTAL	
	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	QTY	\$	\$		\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																								
<b>RDT&amp;E</b>																								
<b>PROCUREMENT</b>																								
INSTALLATION KITS																								
INSTALLATION KITS - UNIT COST																								
INSTALLATION KITS NONRECURRING																								
EQUIPMENT																								
EQUIPMENT NONRECURRING	285	2.6			8	0.080	3	0.030	5	0.050			3	0.030								304	2.8	
ENGINEERING CHANGE ORDERS																								
DATA																								
TRAINING EQUIPMENT																								
SUPPORT EQUIPMENT																								
OTHER																								
OTHER																								
OTHER																								
INTERIM CONTRACTOR SUPPORT																								
INSTALL COST	267	18.5	0	0.0	10	0.6	5	0.4	9	0.8	3	0.3	9	1.0	1	0.2			0.0			304	21.8	
<b>TOTAL PROCUREMENT</b>		21.1		0.0		0.7		0.4		0.9		0.3		1.0		0.2			0.0				24.6	

CLASSIFICATION: UNCLASSIFIED

FEBRUARY 2004

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: HALON (HB001) MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

INSTALLATION INFORMATION:

METHOD OF IMPLEMENTATION: VAR

ADMINISTRATIVE LEADTIME: 12 months

PRODUCTION LEADTIME: 2 Months

CONTRACT DATES: FY            FY 2003 Nov-02 FY 2004 Nov-03 FY 2005: Nov-04

DELIVERY DATE: FY            FY 2003 Jan-03 FY 2004 Jan-04 FY 2005: Jan-05

(\$ in Millions)

Cost:	Prior Years		FY		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	267	18.5	0	0.0	2	0.1	2	0.2	4	0.3	3	0.3	6	0.6	1	0.2					285	20.2
FY 2003 EQUIPMENT					8	0.5															8	0.5
FY 2004 EQUIPMENT							3	0.2													3	0.2
FY 2005 EQUIPMENT									5	0.5											5	0.5
FY 2006 EQUIPMENT																					0	0.0
FY 2007 EQUIPMENT													3	0.4							3	0.4
FY 2008 EQUIPMENT																					0	0.0
FY 2009 EQUIPMENT																						
TO COMPLETE																						

INSTALLATION SCHEDULE:

	FY 2002 & Prior				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	1	2	3	4										
In	267	3	2	3	2	0	3	2	0	0	4	4	1	2	0	0	1	1	2	4	2	0	1	0	0	0	0	0	0	0				0				0				304
Out	267	3	2	2	2	1	2	2	1	0	4	2	3	1	1	0	0	1	2	2	2	2	2	0	0	0	0	0	0	0				0				0				304

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: AFFF IMPROVED FIREFIGHTING (HB005) TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

DESCRIPTION/JUSTIFICATION:  
 AFFF systems are improved to the Balanced Pressure Proportioner type and receive dedicated Automatic Bus Transfer.  
 I/O

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: \_\_\_\_\_

	FY 2002 & Prior		FY		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	\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
<u>RDT&amp;E</u>																							0.0
<u>PROCUREMENT</u>																							
INSTALLATION KITS																							0.0
INSTALLATION KITS - UNIT COST																							0.0
INSTALLATION KITS NONRECURRING																							0.0
EQUIPMENT	29	12.1																				29	12.1
EQUIPMENT NONRECURRING																							0.0
ENGINEERING CHANGE ORDERS																							0.0
DATA																							0.0
TRAINING EQUIPMENT																							0.0
SUPPORT EQUIPMENT																							0.0
OTHER																							0.0
OTHER																							0.0
OTHER																							0.0
INTERIM CONTRACTOR SUPPORT																							0.0
INSTALL COST	19	25.9	0	0.0	1	0.9	1	1.4	2	2.8	3	5.1	3	3.5	0	0.0	0	0.0	0	0.0	29	39.6	
TOTAL PROCUREMENT		38.0		0.0		0.9		1.4		2.8		5.1		3.5		0.0		0.0		0.0		51.7	



P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: BREATHING APPARATUS TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT  
 (FBA HB008)

DESCRIPTION/JUSTIFICATION:  
 The SCBA will provide breathable air to the Fire Fighter for a longer period of time than the OBA and with reduced physical demands on the user.  
 I/O

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	FY 2002 & Prior		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	\$		
<u>FINANCIAL PLAN (IN MILLIONS)</u>																						
<u>RDT&amp;E</u>																					0.0	
<u>PROCUREMENT</u>																						
INSTALLATION KITS																					0.0	
INSTALLATION KITS - UNIT COST																					0.0	
INSTALLATION KITS NONRECURRING																					0.0	
EQUIPMENT	42	24.4			19	12.1	14	8.9	21	9.9	34	12.0	15	2.5	0	0.0	0	0.0	0	0.0	145	69.8
EQUIPMENT NONRECURRING																						0.0
ENGINEERING CHANGE ORDERS																						0.0
DATA																						0.0
TRAINING EQUIPMENT																						0.0
SUPPORT EQUIPMENT																						0.0
OTHER																						0.0
OTHER																						0.0
OTHER																						0.0
INTERIM CONTRACTOR SUPPORT																						0.0
INSTALL COST	42	27.6	0	0.0	19	10.7	14	10.1	20	10.9	34	13.8	16	3.1	0	0.0	0	0.0	0	0.0	145	76.2
TOTAL PROCUREMENT		52.0		0.0		22.8		19.0		20.8		25.8		5.6		0.0	0	0.0		0.0	0	146.0



P3A **INDIVIDUAL MODIFICATION**  
**MODELS OF SYSTEM AFFECTED:** DC ACTION MGT SYSTEM **TYPE MODIFICATION:** SHIPALT **MODIFICATION TITLE:** FIREFIGHTING EQUIPMENT  
 HB010

**DESCRIPTION/JUSTIFICATION:**  
 THE DAMAGE CONTROL ACTION MANAGEMENT SYSTEM (DCAMS) PROVIDES SOFTWARE, PORTABLE COMPUTERS, AND CONNECTION TO SHIPBOARD NETWORKS, FOR SHIPBOARD REPAIR STATIONS. THIS EQUIPMENT ENABLES EFFICIENT MANAGEMENT OF MANPOWER, FIREFIGHTING SYSTEMS, AND DAMAGE CONTROL EQUIPMENT, TO FIGHT A CASUALTY MORE EFFECTIVELY.

**DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:**

	<u>FY 2002 &amp; Prior</u>		<u>FY</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	\$	QTY	\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
	0		0																				
<b>RDT&amp;E</b>																							0.0
<b>PROCUREMENT</b>																							
INSTALLATION KITS																							0.0
INSTALLATION KITS - UNIT COST																							0.0
INSTALLATION KITS NONRECURRING																							0.0
EQUIPMENT											35	3.9	39	4.4	31	3.5	32	3.3	12	1.3		149	16.4
EQUIPMENT NONRECURRING																							0.0
ENGINEERING CHANGE ORDERS																							0.0
DATA																							0.0
TRAINING EQUIPMENT																							0.0
SUPPORT EQUIPMENT																							0.0
OTHER																							0.0
OTHER																							0.0
OTHER																							0.0
INTERIM CONTRACTOR SUPPORT																							0.0
INSTALL COST	0	0.0	0	0.0	0	0.0	0	0.0	ap	0.2	35	2.1	39	2.4	31	2.0	32	1.6	12	0.6		149	8.9
TOTAL PROCUREMENT		0.0		0.0		0.0		0.0		0.2		6.0		6.8		5.5		4.9		1.9		0	25.3

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: DC ACTION MGT SYSTEM    MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION: SHIPALT-AIT  
 ADMINISTRATIVE LEADTIME: 30 DAYS    PRODUCTION LEADTIME: 90 DAYS  
 CONTRACT DATES:    FY \_\_\_\_\_    FY 2003: \_\_\_\_\_    FY 2004: \_\_\_\_\_    FY 2005: \_\_\_\_\_  
 DELIVERY DATE:    FY \_\_\_\_\_    FY 2003: \_\_\_\_\_    FY 2004: \_\_\_\_\_    FY 2005: \_\_\_\_\_

(\$ in Millions)

Cost:	Prior Years		FY		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																						0	0	
FY 2002 EQUIPMENT																							0	0
FY 2003 EQUIPMENT																							0	0
FY 2004 EQUIPMENT																							0	0
FY 2005 EQUIPMENT																							0	0
FY 2006 EQUIPMENT										ap	0.2	35	2.1										35	2.3
FY 2007 EQUIPMENT													39	2.4									39	2.4
FY 2008 EQUIPMENT															31	2.0							31	2.0
FY 2009 EQUIPMENT																	32	1.6					32	1.6
TO COMPLETE																			12	0.6			12	0.6

INSTALLATION SCHEDULE:

	FY 2002 & Prior		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	0	0	2	11	11	11	3	12	12	12	2	10	10	9	2	12	10	8	12	149		
Out	0		0	0	0	0	0	0	0	0	0	0	0	2	11	11	11	3	12	12	12	12	2	10	10	9	9	2	12	10	20	149

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: FIREFIGHTER ACCESS TYPE MODIFICATION: SHIPALT MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

DESCRIPTION/JUSTIFICATION:

FIREFIGHTER ACCESS PROVIDES SAFE ENTRY FOR HEAVILY-LADEN FIREFIGHTERS DOWN THE ESCAPE TRUNKS OF A SHIP, AND PROVIDES A METHOD FOR HOISTING THE FIREFIGHTERS BACK UP TO THE DAMAGE CONTROL DECK. FIREFIGHTER ACCESS IS PROVIDED IN DDG-75 AND FOLLOW DURING CONSTRUCTION.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

	FY 2002 & Prior		FY		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	\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
<u>RDT&amp;E</u>																							0.0
<u>PROCUREMENT</u>																							
INSTALLATION KITS																							0.0
INSTALLATION KITS - UNIT COST																							0.0
INSTALLATION KITS NONRECURRING																							0.0
EQUIPMENT													24	0.8	24	0.7	24	0.8				72	2.3
EQUIPMENT NONRECURRING																							0.0
ENGINEERING CHANGE ORDERS																							0.0
DATA																							0.0
TRAINING EQUIPMENT																							0.0
SUPPORT EQUIPMENT																							0.0
OTHER																							0.0
OTHER																							0.0
OTHER																							0.0
INTERIM CONTRACTOR SUPPORT																							0.0
INSTALL COST	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	24	3.5	24	3.3	24	3.4	0	0.0		72	10.2
TOTAL PROCUREMENT		0.0		0.0		0.0		0.0		0.0		0.0		4.3		4.0		4.2		0.0		0	12.5

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: FIREFIGHTER ACCESS MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION: SHIPALT-AIT  
 ADMINISTRATIVE LEADTIME: 30 DAYS PRODUCTION LEADTIME: 60 DAYS  
 CONTRACT DATES: FY: \_\_\_\_\_ FY 2003: \_\_\_\_\_ FY 2004: \_\_\_\_\_ FY 2005: \_\_\_\_\_  
 DELIVERY DATE: FY: \_\_\_\_\_ FY 2003: \_\_\_\_\_ FY 2004: \_\_\_\_\_ FY 2005: \_\_\_\_\_

(\$ 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																						0	0	
FY 2002 EQUIPMENT																							0	0
FY 2003 EQUIPMENT																							0	0
FY 2004 EQUIPMENT																							0	0
FY 2005 EQUIPMENT																							0	0
FY 2006 EQUIPMENT																							0	0
FY 2007 EQUIPMENT													24	3.5									24	3.5
FY 2008 EQUIPMENT															24	3.3							24	3.3
FY 2009 EQUIPMENT																	24	3.4					24	3.4
TO COMPLETE																								

INSTALLATION SCHEDULE:

	FY 2002 & Prior		FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				IC	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	72		
Out	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	7	72		

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: (Joint Biological TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT  
Detection System) JBPDS BLK I

DESCRIPTION/JUSTIFICATION:  
 OPNAVINST 3400.10F articulates U.S. Navy Chemical, Biological and Radiological Defense (CBR-D) policy and establishes functional responsibilities to ensure the highest level of Fleet Readiness and warfighting sustainability in a CBR environment. Joint Biological Point Detection Systems (JBPDS BLK I) provides for improved biological agent detection and reporting. The JBPDS ORD (J2-B001-Revision 1, dated 7 January, 2002) validates the modification. The equipment procurement is funded out of the Joint Chemical Biological Defense Program Budget P-1 Item Nomenclature: (JP0100) JOINT BIO POINT DETECTION SYSTEM (JBPDS). JBPDS BLK I will replace IBADS where applicable.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: ACAT II program, JORD-Jan,2002; MSI-Jun 1996; MSII-Jan 1997; DT-Aug 2001; MSIII-Jun 2003.

	<u>FY 2002 &amp; Prior</u>		<u>FY</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>						
	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>	<u>QTY</u>	<u>\$</u>					
<u>FINANCIAL PLAN (IN MILLIONS)</u>																											
<u>RDT&amp;E</u>																							0.0				
<u>PROCUREMENT</u>																							0.0				
<u>INSTALLATION KITS</u>																							0.0				
<u>INSTALLATION KITS - UNIT COST</u>																							0.0				
<u>INSTALLATION KITS NONRECURRING</u>																							0.0				
<u>EQUIPMENT</u>					0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0				
<u>EQUIPMENT NONRECURRING</u>																							0.0				
<u>ENGINEERING CHANGE ORDERS</u>					NOTE:JOINT CHEMICAL BIOLOGICAL DEFENSE PROGRAM FUNDS THE PROCUREMENT OF EQUIPMENT.																						0.0
<u>DATA</u>					FY05 AND OUT FUNDS REALIGNED TO CHEMICAL WARFARE DETECTORS BLI 098905																						0.0
<u>TRAINING EQUIPMENT</u>																							0.0				
<u>SUPPORT EQUIPMENT</u>																							0.0				
<u>OTHER</u>																							0.0				
<u>OTHER</u>																							0.0				
<u>OTHER</u>																							0.0				
<u>INTERIM CONTRACTOR SUPPORT</u>																							0.0				
<u>INSTALL COST</u>	0	0.0	0	0.0	AP	0.3	3	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0	0.0	3				
<u>TOTAL PROCUREMENT</u>		0.0		0.0		0.3		0.3		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.6				



P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: (Joint Chemical Agent Detection) JCAD TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

**DESCRIPTION/JUSTIFICATION:**  
 OPNAVINST 3400.10F articulates U.S. Navy Chemical, Biological and Radiological Defense (CBR-D) policy and establishes functional responsibilities to ensure the highest level of the Fleet readiness and warfighting sustainability in a CBR environment. Joint Chemical Agent Detection (JCAD) systems provides improved hand-held chemical agent detection. The equipment procurement is funded out of the Joint Chemical Biological Defense Program Budget P-1 Item Nomenclature: (JF0100) JOINT CHEM AGENT DETECTOR (JCAD). An "installation set" consists of 23 JCADS for LHA, 26 JCADS for LHD, 14 JCADS for LSD, 26 JCADS for an LPD, 3 JCADS for MHC , 13 per MCS and 24 for CVN/CV.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: MSI-Apr 1999; CDR-Feb 2002; MSIII-Sep. 2003.

	FY 2002 & Prior		FY	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	\$			
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
<u>RDT&amp;E</u>																					0.0		
<u>PROCUREMENT</u>																					0.0		
INSTALLATION KITS																					0.0		
INSTALLATION KITS - UNIT COST																					0.0		
INSTALLATION KITS NONRECURRING																					0.0		
EQUIPMENT					0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0	0.0		
EQUIPMENT NONRECURRING																					0.0		
ENGINEERING CHANGE ORDERS																					0.0		
DATA					NOTE:JOINT CHEMICAL BIOLOGICAL DEFENSE PROGRAM FUNDS THE PROCUREMENT OF EQUIPMENT.																		0.0
TRAINING EQUIPMENT					FY05 AND OUT FUNDS REALIGNED TO CHEMICAL WARFARE DETECTORS BLI 098905																		0.0
SUPPORT EQUIPMENT																					0.0		
OTHER																					0.0		
OTHER																					0.0		
OTHER																					0.0		
INTERIM CONTRACTOR SUPPORT																					0.0		
INSTALL COST	0	0.0	0	0.0	0	0.0	AP	0.3	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.3	
TOTAL PROCUREMENT		0.0		0.0		0.0		0.3		0.0		0.0		0.0		0.0		0.0		0.0	0	0.3	

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED:                     (JCAD)                     MODIFICATION TITLE:                     FIREFIGHTING EQUIPMENT                    

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION:                     AIT                      
 ADMINISTRATIVE LEADTIME:                     1 - 11 Months                     PRODUCTION LEADTIME:                     2 Months                    

CONTRACT DATES:                     FY                     FY 2003:                      FY 2004:                      FY 2005:                     

DELIVERY DATE:                     FY                     FY 2003:                      FY 2004:                      FY 2005:                     

(\$ 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																						0	0.0
FY 2002 EQUIPMENT																						0	0.0
FY 2003 EQUIPMENT																						0	0.0
FY 2004 EQUIPMENT																						0	0.0
FY 2005 EQUIPMENT								AP	0.3	0	0.0											0	0.3
FY 2006 EQUIPMENT												0	0.0									0	0.0
FY 2007 EQUIPMENT													0	0.0								0	0.0
FY 2008 EQUIPMENT															0	0.0						0	0.0
FY 2009 EQUIPMENT																	0	0.0				0	0.0
TO COMPLETE																			0	0.0		0	0.0

INSTALLATION SCHEDULE:

	FY 2002 & Prior		FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				IC	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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		
Out	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0		

P3A INDIVIDUAL MODIFICATION

MODELS OF SYSTEM AFFECTED: (Joint Warning and Reporting Network) JWARN TYPE MODIFICATION: \_\_\_\_\_ MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

DESCRIPTION/JUSTIFICATION:

OPNAINST 3400.10F articulates U.S. Navy Chemical, Biological and Radiological Defense (CBR-D) policy and establishes functional responsibilities to ensure the highest level of Fleet Readiness and warfighting sustainability in a CBR environment. Joint Warning and Reporting Network (JWARN) systems provide improved comprehensive analysis and response capability for hostile Nuclear, Biological and Chemical attacks or accidents/incidents. The JWARN Joint ORD (dated November 1997) validates the modification. The equipment procurement is funded out of the Joint Chemical Biological Defense Program Budget P-1 Item Nomenclature: (G47101 JOINT WARNING AND REPORTING NETWORK (JWARN)).

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES: JORD-Nov 97; MSI-Dec 97; MSII-Apr 01.

	FY 2002 & Prior		FY		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	\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
<b>RDT&amp;E</b>																							0.0
<b>PROCUREMENT</b>																							0.0
INSTALLATION KITS																							0.0
INSTALLATION KITS - UNIT COST																							0.0
INSTALLATION KITS NONRECURRING																							0.0
EQUIPMENT					0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
EQUIPMENT NONRECURRING																							0.0
ENGINEERING CHANGE ORDERS																							0.0
DATA					NOTE: JOINT NCB PROGRAM FUNDS PROCUREMENT OF EQUIPMENT																0.0		
TRAINING EQUIPMENT					FY05 AND OUT FUNDS REALIGNED TO CHEMICAL WARFARE DETECTORS BLI 098905																0.0		
SUPPORT EQUIPMENT																							0.0
OTHER																							0.0
OTHER																							0.0
OTHER																							0.0
INTERIM CONTRACTOR SUPPORT																							0.0
INSTALL COST	0	0.0	0	0.0	0	0.0	AP	0.1	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.1
TOTAL PROCUREMENT		0.0		0.0		0.0		0.1		0.0		0.0		0.0		0.0		0.0		0.0		0.0	0.1

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED:                     (JWARN)                     MODIFICATION TITLE:                     FIREFIGHTING EQUIPMENT                    

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION:                     AIT                      
 ADMINISTRATIVE LEADTIME:                     2 - 5 Months                     PRODUCTION LEADTIME:                     2 - 6 Months                      
 CONTRACT DATES: FY                      FY 2003:                      FY 2004:                      FY 2005:                       
 DELIVERY DATE: FY                      FY 2003:                      FY 2004:                      FY 2005:                     

(\$ 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																						0	0.0	
FY 2002 EQUIPMENT																							0	0.0
FY 2003 EQUIPMENT																							0	0.0
FY 2004 EQUIPMENT																							0	0.0
FY 2005 EQUIPMENT																							0	0.0
FY 2006 EQUIPMENT								AP	0.1														0	0.1
FY 2007 EQUIPMENT																							0	0.0
FY 2008 EQUIPMENT																							0	0.0
FY 2009 EQUIPMENT																								0.0
TO COMPLETE																							0	0.0

INSTALLATION SCHEDULE:

	FY 2002		FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL
	& Prior		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0

P3A **INDIVIDUAL MODIFICATION**

MODELS OF SYSTEM AFFECTED: (Joint Service **TYPE MODIFICATION:** \_\_\_\_\_ **MODIFICATION TITLE:** FIREFIGHTING EQUIPMENT  
Lightweight Standoff Chemical Agent Detector) JSLSCAD

**DESCRIPTION/JUSTIFICATION:**  
 OPNAVINST 3400.10F articulates U.S. Navy Chemical, Biological and Radiological Defense (CBR-D) policy and establishes functional responsibilities to ensure the highest level of the Fleet readiness and warfighting sustainability in a CBR environment. Joint Service Lightweight Standoff Chemical Agent Detector (JSLSCAD) systems provide improved chemical agent standoff detection. JSLSCAD will provide standoff (remote) detection of chemical agents. It will provide automated determination of the chemical agent, detection of blood agents and detection of a wider range of chemical agents than its predecessor. The JSLSCAD Joint ORD (dated June 1997) validates the modification. The equipment procurement is funded out of the Joint Chemical Biological Defense Program Budget P-1 Item Nomenclature: (S10801)JS LTWT STANDOFF CW AGT DETECTOR (JSLSCAD).

**DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:** MSII-Sept 96; JORD-Jun 97; CDR- Jan 99; DT-Oct 02; IOT&E-Jan 2003.

	FY 2002 & Prior		FY		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	\$	
<b>FINANCIAL PLAN (IN MILLIONS)</b>																							
<b>RDT&amp;E</b>																							0.0
<b>PROCUREMENT</b>																							
<b>INSTALLATION KITS</b>																							0.0
<b>INSTALLATION KITS - UNIT COST</b>																							0.0
<b>INSTALLATION KITS NONRECURRING</b>																							0.0
<b>EQUIPMENT</b>					0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.0
<b>EQUIPMENT NONRECURRING</b>																							0.0
<b>ENGINEERING CHANGE ORDERS</b>																							0.0
<b>DATA</b>					NOTE:JOINT CHEMICAL BIOLOGICAL DEFENSE PROGRAM FUNDS THE PROCUREMENT OF EQUIPMENT.																		0.0
<b>TRAINING EQUIPMENT</b>					FY05 AND OUT FUNDS REALIGNED TO CHEMICAL WARFARE DETECTORS BLI 098905																		0.0
<b>SUPPORT EQUIPMENT</b>																							0.0
<b>OTHER</b>																							0.0
<b>OTHER</b>																							0.0
<b>OTHER</b>																							0.0
<b>INTERIM CONTRACTOR SUPPORT</b>																							0.0
<b>INSTALL COST</b>	0	0.0	0	0.0	0	0.0	AP	0.3	0.0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0	0.0	0.3
<b>TOTAL PROCUREMENT</b>		0.0		0.0		0.0		0.3		0.0		0.0		0.0		0.0		0.0		0.0		0.3	

P3A (Continued) INDIVIDUAL MODIFICATION (Continued)

MODELS OF SYSTEMS AFFECTED: (JSLSCAD) MODIFICATION TITLE: FIREFIGHTING EQUIPMENT

INSTALLATION INFORMATION:  
 METHOD OF IMPLEMENTATION: AIT  
 ADMINISTRATIVE LEADTIME: 10 - 17 Months PRODUCTION LEADTIME: 10 Months

CONTRACT DATES: FY FY 2003: N/A FY 2004: N/A FY 2005:

DELIVERY DATE: FY FY 2003:  FY 2004:  FY 2005:

(\$ 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																						0	0.0	
FY 2002 EQUIPMENT																							0	0.0
FY 2003 EQUIPMENT																							0	0.0
FY 2004 EQUIPMENT																							0	0.0
FY 2005 EQUIPMENT																							0	0.0
FY 2006 EQUIPMENT								AP	0.3														0	0.3
FY 2007 EQUIPMENT																							0	0.0
FY 2008 EQUIPMENT																							0	0.0
FY 2009 EQUIPMENT																								0.0
TO COMPLETE																							0	0.0

INSTALLATION SCHEDULE:

	FY 2002		FY 2003				FY 2004				FY 2005				FY 2006				FY 2007				FY 2008				FY 2009				TC	TOTAL				
	& Prior		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	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0
Out	0		0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0	0