

**UNCLASSIFIED**  
**CLASSIFICATION**

BUDGET ITEM JUSTIFICATION								DATE		
APPROPRIATION/BUDGET ACTIVITY								P-1 ITEM NOMENCLATURE		SUBHEAD
OP,N - BA2 COMMUNICATIONS & ELECTRONIC EQUIPMENT								Tactical Support Centers (#2246)		52WH
	FY 2003	FY 2004	FY 2005	FY 2006	FY 2007	FY 2008	FY 2009	TO COMP	TOTAL	
QUANTITY										
COST (in millions)	\$5.1	\$9.4	\$5.1	\$5.3	\$5.3	\$5.4	\$5.5	Continuing	Continuing	
<p><b>Narrative Description /Justification:</b> The Tactical Support Center (TSC) program provides evolutionary systems and ancillary equipment upgrades to support the Maritime Sector Commanders (Ashore) with the capability to plan, direct and control the tactical operations of Joint and Naval Expeditionary Forces and other assigned units within their respective area of responsibility. These operations include littoral, open ocean, and over land all sensor (i.e. EO, IR, ISAR, etc.) surveillance, anti-surface warfare, over-the-horizon targeting, counter-drug operations, power projection, antisubmarine warfare, mining, search and rescue, and special operations.</p> <p>The Tactical Support Center (TSC) program includes fixed site TSCs and Mobile Operations Control Centers (MOCCs). TSC's provide C4I capability, air-ground, satellite and point-to-point communications systems; sensor analysis capabilities; avionics and weapons system interfaces and facilities equipment. MOCC is a scalable and mobile version of the TSC for contingency operations and for support of operations from airfields that do not have a TSC.</p> <p><b>WH046. Analysis Interface Equipment.</b> This cost code contains TSC sensor analysis capabilities, avionics and weapons system interfaces, computer upgrades and associated software for interfacing analysis and processing equipment to the supported weapons systems (aircraft).</p> <p><b>WH050. Facilities Equipment.</b> This Cost Code contains the Facilities Equipment necessary to power and support the processing equipment and interfaces.</p> <p>This Budget Request Procures: 1. TSC Upgrade Equipment; 2. Facilities Equipment; and 3. Installation of Equipment.</p> <p><b>INSTALLATION DATA:</b> 14 TSC systems at 12 operational sites (located at Keflavik, Iceland; Brunswick, ME; Jacksonville, FL; Sigonella, Italy; Kaneohe Bay, HI; Whidbey Island, WA; Kadena, Japan; Misawa, Japan; North Island, CA; Diego Garcia, Indian Ocean; Roosevelt Roads, Puerto Rico, and Masirah, Oman); 1 training site at Fleet Combat Training Center (FCTC) Dam Neck, VA and 1 lab site at SSC CHARLESTON DET Patuxent River, MD. 9 MOCCs at 8 operational sites (Homeported at Brunswick, ME; Jacksonville, FL; Sigonella, Italy; 2 at Barbers Point/Kaneohe Bay, HI; Misawa, Japan; Whidbey Island, WA; Willow Grove, PA; and Point Mugu, CA.) and 1 MOCC C2 Engineering Development, Software Support Facility (SSC CHARLESTON). 1 Maritime Patrol and Reconnaissance (MPR) Operations Center in Bahrain.</p> <p>TSC Roosevelt Roads was decommissioned the end of FY03. It is being replaced by a mobile MOCC capability that will be staged from TSC Jacksonville to handle continued support in the SOUTHCOM AOR.</p> <p>MOCC Souda Bay, Greece was stood up for permanent operations in FY03 to support Mideast AOR.</p> <p>FY04 includes Congressional Add of \$3M for P-3C AIP TCDL Upgrade Program.</p>										

**UNCLASSIFIED  
CLASSIFICATION**

COST ANALYSIS											DATE February 2004				
APPROPRIATION ACTIVITY OP,N - BA-2 COMMUNICATIONS AND ELECTRONIC EQUIPMENT							P-1 ITEM NOMENCLATURE Tactical Support Centers (#2246)					SUBHEAD 52WH			
COST CODE	ELEMENT OF COST	ID CODE	PY	FY 2003		FY 2004			FY 2005						
			TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST	TOTAL COST	QTY	UNIT COST				TOTAL COST
WH046	ANALYSIS INTERFACE EQUIP*	A				4,310			8,712			4,626			
WH050	FACILITIES EQUIP	A													
WH776	NON-FMP INSTALLATION	A				750			710			474			
*FY04 includes Congressional Add of \$3M for P-3C AIP TCDL Upgrade Program															
<b>TOTAL CONTROL</b>						<b>5,060</b>			<b>9,422</b>			<b>5,100</b>			

DD FORM 2446, JUN 86

P-1 Shopping List No. 41-2 of 4

Exhibit P-5, Budget Item Justification  
Unclassified

\* Mobile Operations Control Centers (MOCCs) systems are procured under a "turn-key" structure and therefore Installation funds are not shown separately.



MODIFICATION TITLE: TACTICAL SUPPORT CENTERS (TSC) SUBHEAD/COST CODE: 52WH/WH050  
 COST CODE: WH050  
 MODELS OF SYSTEMS AFFECTED: N/A  
 DESCRIPTION/JUSTIFICATION: This Cost Code contains the Facilities Equipment necessary to power and support the processing equipment and interfaces.

DEVELOPMENT STATUS/MAJOR DEVELOPMENT MILESTONES:

FINANCIAL PLAN: (\$ in millions)

	PY		FY 02		FY 03		FY 04		FY 05		FY 06		FY 07		FY 08		FY 09		TC		Total	
	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$	Qty	\$
RDT&E																						
PROCUREMENT:																						
Kit Quantity																						
Installation Kits Nonrecurring Equipment	VAR	6.41	VAR	0.41	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	CONT	CONT	VAR	6.82
Equipment Nonrecurring																						
Engineering Change Orders																						
Data																						
Training Equipment																						
Support Equipment																						
Other																						
Interim Contractor Support																						
Installation of Hardware*	20	1.97	2	0.02	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	0	0.00	CONT	CONT	22	2
PRIOR YR EQUIP	20	1.97																			20	1.97
FY 01 EQUIP			1	0.01																	1	0.01
FY 02 EQUIP			1	0.01																	1	0.01
FY 03 EQUIP																					0	0.00
FY 04 EQUIP																					0	0.00
FY 05 EQUIP																					0	0.00
FY 06 EQUIP																					0	0.00
FY 07 EQUIP																					0	0.00
FY 08 EQUIP																					0	0.00
FY 09 EQUIP																					0	0.00
FY TC EQUIP																					0	0.00
TOTAL INSTALLATION COST		1.97		0.02		0.00		0.00		0.00		0.00		0.00		0.00		0.00	CONT	CONT		1.99
TOTAL PROCUREMENT COST		8.38		0.43		0.00		0.00		0.00		0.00		0.00		0.00		0.00	CONT	CONT		8.81

METHOD OF IMPLEMENTATION

ADMINISTRATIVE LEADTIME: VAR PRODUCTION LEADTIME: VAR

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

DELIVERY DATES: FY 2003: VAR FY 2004: VAR FY 2005: VAR

INSTALLATION SCHEDULE:	PY	FY 03				FY 04				FY 05				FY 06			
		1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
INPUT	22																
OUTPUT	22																

INSTALLATION SCHEDULE:	FY 07				FY 08				FY 09				TC	TOTAL
	1	2	3	4	1	2	3	4	1	2	3	4		
INPUT													CONT	22
OUTPUT													CONT	22

Notes/Comments  
 \* P-3A quantities are "Shore Sites installed".