

APPROPRIATION/BUDGET ACTIVITY					R-1 ITEM NOMENCLATURE		Space and Electronic Warfare Surveillance/ Reconnaissance Support			
RDT&E,N Activity 6					Program Element (PE) Name and No. 0605867N					
COST (\$ in Millions)	FY 98	FY 99	FY 00	FY 01	FY 02	FY 03	FY 04	FY 05	Cost to Complete	Total Cost
Total PE Cost	10.311	15.685	12.058	12.694	12.884	13.184	13.450	13.964	CONT	CONT
Z1034 Tac Sat Recon Ofc	9.452	14.619	10.474	12.444	12.629	12.914	13.180	13.494	CONT	CONT
R2007 Space Management Support	.859	1.066	1.584	.250	.255	.270	.270	.470	CONT	CONT
Project C Name/No. & subtotal cost										
Quantity of RDT&E Articles	0	0	0	0	0	0	0	0		

(U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: Established to exploit all National and Selected Service sensor systems to improve tactical support to fleet operational commanders. Project also supports fleet exercises, which provide the venue for testing modifications to existing programs and being made aware of new requirements. Additional detailed information is available at a higher level of classification.

(U) Z1034: Established to exploit all National and Service sensor systems to improve tactical support to fleet operational commanders. Project also supports fleet exercises, which provide the venue for testing modifications to existing programs and being made aware of new requirements.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. (U) FY 1999 PLAN:

- (U) (\$.439) Joint Exercises/Training
- (U) (\$ 2.049) Support to TBMD
- (U) (\$ 5.122) Support to Littoral/Expeditionary Warfare
- (U) (\$ 5.560) Precision Strike/Mission Planning
- (U) (\$ 1.451) Improved Data Dissemination/Exploitation

2. (U) FY 2000 PLAN:

- (U) (\$.314) Joint Exercises/Training
- (U) (\$1.466) Support to TBMD
- (U) (\$3.666) Support to Littoral/Expeditionary Warfare
- (U) (\$3.981) Precision Strike/Mission Planning
- (U) (\$1.047) Improved Data Dissemination/Exploitation

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3. (U) FY 2001 PLAN:

- (U) (\$.373) Joint Exercises/Training
- (U) (\$1.741) Support to TBMD
- (U) (\$4.356) Support to Littoral/Expeditionary Warfare
- (U) (\$4.730) Precision Strike/Mission Planning
- (U) (\$1.244) Improved Data Dissemination/Exploitation

(U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This project provides resources to the Naval Space Command (NAVSPACECOM) for the conduct of its support testing. NAVSPACECOM is tasked with providing space support to fleet units worldwide, while also planning and coordinating future support system analysis, requirements, architectural and feasibility studies, technical demonstrations and prototype system development for concepts to provide space support to the fleet warfighter.

(U) R2007: The project provides resources to the Naval Space Command (NAVSPACECOM) for the conduct of its support testing.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. (U) FY 1999 PLAN:

- (U) (\$.174) Demonstrated prototype output interfaces for Remote Earth Sensing Information Center/Hyper Spectral Imagery (RESIC/HSI) data
- (U) (\$.052) Developed low data rate Satellite Communication alternatives
- (U) (\$.155) Demonstrated real-time application of National Systems data
- (U) (\$.122) Integrated Theater Ballistic Missile warning data into Joint Tactical Ground Stations (JTAGS) environment
- (U) (\$.134) Demonstrated expanded Kalman filtering against low orbit data
- (U) (\$.290) Investigated numerically intensive database applications in space control context
- (U) (\$.139) Analyzed the process used to resolve Uncorrelated Targets within the NAVSPACECOM mission system

2. (U) FY 2000 PLAN:

- (U) (\$.391) Develop HSI production techniques

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- (U) (\$.381) Integrate JTAGS into GCCS product delivery

- (U) (\$.281) Demonstrate advanced processing for orbit analyst support
- (U) (\$.181) Prototype Kalman Filtering against low orbit objects
- (U) (\$.150) Study advanced space communications techniques
- (U) (\$.200) Demonstrate National System data integration

3. (U) FY 2001 PLAN:

- (U) (\$.250) Study transition issues for Multi Mission Mobile Processor (SBIR) implementation

(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under Budget Activity 6 because it supports the operations and installations required for general research and development use.

B. Program Change Summary:

(U) Funding: R2007: FY1999 adjustments due to (-0.026) SBIR/STTR Transfer, (-0.094) Execution Adjustment. FY2000 adjustments (-0.009) due to Congressional Rescissions. FY2001 adjustments (-1.348) Program Adjustment, (-0.002) Various Rate Adjustments. Z1034: FY1999 adjustments due to (+3M) Congressional Adjustment, (-0.010) CIVPERS Under execution, (-0.041) FFRDC Distribution, (-0.028) Revised Economic Assumptions, (-0.216) Program Decrease, (-0.007) Revised Economic Assumption, (-0.077) FY01 President Budget Adjustment. FY2000 adjustments (-1.580) due to DON/FMB Adjustment, (-0.152) Non-Pay Inflation Adjustment, (-0.002) Working Capital-NAWC, (+0.013) Civilian Pay Rates, (-0.054) FY01 President Budget Adjustment. FY2001 adjustments (-0.200) Non-Pay Inflation Adjustments, (+0.024) Civilian Pay Rates, (+0.150) PR01 Issue, (-0.029) NWCF Rate Changes, (-0.091) FY01 President Budget Adjustment.

C. Other Program Funding Summary N/A