REPROGRAMMING ACTION - PRIOR APPROVAL

Appropriation Account Title: Research, Development, Test & Evaluation, Navy, 99/00; Aircraft Procurement, Navy, 99/01; and Weapons Procurement, Navy, 99/01 (Includes Transfers)			DoD Serial Number: FY 99-007 PA					

Component Serial Number: FY 99-01 PA	*(Amounts in Thousands of Dollars)*							
	Program Base Reflecting Congressional Action		Program Previously Approved by Sec Def		Reprogramming Action		Revised Program	
LINE ITEM	Quantity	Amount	Quantity	Amount	Quantity	Amount	Quantity	Amount
a	b	c	d	e	f	g	h	i

This reprogramming action transfers $39.2 million from Aircraft Procurement, Navy, 99/01, and $22.672 million from Weapons Procurement Navy, 99/01, to Research, Development, Test and Evaluation, Navy, 99/00. It uses general transfer authority pursuant to Section 8005, Public Law 105-262, the FY 1999 DoD Appropriations Act, and Section 1001 Public Law 105-261, the FY 1999 Strom Thurmond National Defense Authorization Act. This action is for higher priority items than that for which the funds were originally appropriated, meets all administrative and legal requirements of the Congress and has not been denied by the Congress. This action does not affect Joint Military Intelligence Programs (JMIP), Tactical Intelligence and Related Activities (TIARA), or the National Foreign Intelligence Program (NFIP). The transfers are not reflected in the FY 2000/2001 President's budget.

FY 1999 PROGRAMMING INCREASES: **+61,872**

Research, Development, Test & Evaluation, Navy, 99/00   **+61,872**

Budget Activity 4: Demonstration and Validation (Dem/Val)
0603582N Combat System Integration 9,654   9,654   **+30,000**   39,654

Explanation: The Combat System Integration program provides shore-based testing of the integrated combat direction, weapon, sensor and computing systems prior to their installation in operational fleet units. This program includes Battle Group (BG)/Battle Force (BF) engineering, analysis, and configuration management, BG interoperability testing, and combat systems integration testing.

Significant interoperability problems identified during the Advanced Combat Direction System Block I operational evaluation and the introduction of the AEGIS Baseline 6 software program led to the removal of two AEGIS cruisers from the deployment cycle and the rebaselining of the Cooperative Engagement Capability (CEC) and AEGIS programs. Required combat systems integration efforts have therefore expanded to include development of a Distributed Engineering Plant (DEP) that will network existing individual software development and testing sites to support shore-based testing of the interoperability of systems to be fielded in specific battle groups. The effort will now include interoperability certification that uses the DEP to prototype the combat systems combination of the specific battle group to assess and correct any interoperability problems before units come together for pre-deployment training. An additional $30 million is required in FY 1999 to execute the continuing engineering and development efforts for the DEP and data collection and prototyping efforts to correct identified battle group interoperability deficiencies.

Approved (Signature and Date)
      Signed by Ms. Alice C. Maroni, March 30, 1999

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Component Serial Number: FY 99- 01 PA	*(Amounts in Thousands of Dollars)*						
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This reprogramming will allow expansion of the DEP to include additional shore testing facilities in the network, increasing the capability to identify and correct interoperability deficiencies for a greater variety of platforms. Funding is necessary to provide for data collection and correction of deficiencies for the THEODORE ROOSEVELT, CONSTELLATION, and JOHN F. KENNEDY Battle Groups, which are deploying during FY 1999. Additionally, funding is necessary for continued DEP prototyping to support the earlier identification and correction of an increased number of deficiencies for the JOHN C. STENNIS, EISENHOWER, HARRY S. TRUMAN, and ABRAHAM LINCOLN Battle Groups, which will deploy during FY 2000.

Budget Activity 5: Engineering and Manufacturing Development

0604307N AEGIS Combat System Engineering

	164,061	164,061	**+15,200**	179,261

Explanation: This program provides the system engineering and weapons development necessary to continuously upgrade the capability of the AEGIS Weapon System (AWS). Upgrades of AWS computer programs must be made to maintain battle effectiveness and system performance against evolving threats. This program integrates combat capabilities developed by other Navy Research and Development programs into the AWS. Selected upgrades are backfit into AEGIS ships already in the Fleet. Additional funds are required to ensure the successful integration of Cooperative Engagement Capability (CEC) into the AWS Baseline 6 Phase I, resolve battle group interoperability issues, and conduct additional operational and developmental testing for AWS Baseline 6, Phase III, and Baseline 7, Phase I.

This reprogramming will provide for additional testing in the AWS software development process to ensure complete CEC integration, while maintaining the software program delivery schedule to support ongoing DDG-51 Class ship construction. The ships which will receive Baseline 6, Phase III, and Baseline 7, Phase I are part of the DDG-51 Multiyear Procurement contract and will introduce Tactical Ballistic Missile Defense capability into the Navy. These funds will support timely delivery of this critical missile defense capability.

0604755N Ship Self Defense 156,665 156,665 **+16,672** 173,337

Explanation: The Evolved Sea Sparrow Missile (ESSM) project is a 10-nation cooperative effort that evolved from the NATO Sea Sparrow Missile program. The ESSM represents the next generation weapon with specific improvements to counter the low-altitude, highly maneuverable Anti-Ship Cruise Missile threat. Software problems in early testing have delayed the planned Low Rate Initial Production for ESSM. This delay has resulted in a requirement for additional RDT&E,N funding in FY 1999 to correct missile autopilot software and to support additional testing to verify the fix.

DD 1415-1
7 May 90

REPROGRAMMING ACTION - PRIOR APPROVAL

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a	b	c	d	e	f	g	h	i

REPROGRAMMING DECREASES: **-61,872**

Aircraft Procurement, Navy, 99/01   **-39,200**

Budget Activity 1: Combat Aircraft

F/A-18E/F Fighter) Hornet	30	2,861,129	30	2,861,129	-	**-39,200**	30	2,821,929
Less: Adv Proc (PY)	-	-88,346	-	-88,346	-	-	-	-88,346
	30	2,772,783	30	2,772,783	-	**-39,200**	30	2,733,583

Explanation: These funds are available due to a delay in the Integrated Defensive Electronic Countermeasure program. Additional development efforts are required to resolve technical problems prior to initiating procurement.

Weapons Procurement, Navy, 99/01   **-22,672**

Budget Activity 2: Other Missiles

Evolved Sea Sparrow Missile (ESSM)								
	28	35,672	28	35,672	**-28**	**-22,672**	0	13,000

Explanation: The delay in the planned Low Rate Initial Production has deferred the requirement for procurement funding, pending correction of software problems and completion of a satisfactory Operational Evaluation. Funds that remain in this line item are required in the ESSM Program to fund the U.S. share of production support, tooling and test equipment under the ESSM Production Memorandum of Understanding with the 10 consortium countries.

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7 May 90