

UNCLASSIFIED

FY 2002 RDT&E,N BUDGET ITEM JUSTIFICATION SHEET

DATE: June 2001

BUDGET ACTIVITY: 4

PROGRAM ELEMENT: 0603790N

PROJECT NUMBER: R2293

PROGRAM ELEMENT TITLE: NATO Research and Development

PROJECT TITLE: NATO Cooperative R&D

(U) COST: (Dollars in Thousands)

PROJECT NUMBER & TITLE	FY 2000 ACTUAL	FY 2001 ESTIMATE	FY 2002 ESTIMATE	FY 2003 ESTIMATE	FY 2004 ESTIMATE	FY 2005 ESTIMATE	FY 2006 ESTIMATE	FY 2007 ESTIMATE	TO COMPLETE	TOTAL PROGRAM
R2293										
NATO Cooperative Research and Development (R&D)										
	5,118	8,909	11,551						CONT.	CONT.

A. (U) MISSION DESCRIPTION AND BUDGET ITEM JUSTIFICATION: This project provides funding for the continuation of on-going research and development identification and projects between the U.S. Navy and allies under Assistant Secretary of Navy (Research, Development and Acquisition) or Under Secretary of Defense (Acquisition and Technology) signed international agreements in accordance with Title 10 U.S. Code Section 2350a. Many of these projects were initiated under Office of the Secretary of Defense PE 0603790D in prior years.

(U) JUSTIFICATION FOR BUDGET ACTIVITY: This program is funded under DEMONSTRATION & VALIDATION because it develops and integrates hardware for experimental tests related to specific ship or aircraft applications.

(U) PROGRAM ACCOMPLISHMENTS AND PLANS:

1. (U) FY 2000 ACCOMPLISHMENTS:

- (U) (\$2,176) Supported work on the Vector Project between the U.S. and Germany.
- (U) (\$ 234) Supported Fiber Optic Bottom Mounted Acoustic Array.

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Budget Item Justification
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- (U) (\$ 451) Supported efforts on the Multilateral Memorandum of Understanding for Interoperable Network for Secure Communications.
- (U) (\$ 176) Supported on-going work related to the U.S./United Kingdom Anti-Torpedo Torpedo Cooperative R&D Project.
- (U) (\$ 582) Supported on-going Navy efforts on the U.S./Japanese Cooperative Material Project for Advanced Steel initiated with OSD funding.
- (U) (\$ 234) Supported work on the Unmanned Undersea Vehicle (UUV) Cooperative R&D Project between the U.S. and France initiated with OSD funding.
- (U) (\$1,265) Supported on-going work related to the Cooperative R&D Project between the U.S. and United Kingdom for Timaran Hull initiated with OSD funding.

2. (U) FY 2001 PLAN:

- (U) (\$3,330) Support work on the Vector Project between the U.S. and Germany.
- (U) (\$ 200) Support Fiber Optic Bottom Mounted Acoustic Array between the U.S. and United Kingdom.
- (U) (\$ 700) Support efforts on the Multilateral Memorandum of Understanding for Interoperable Network for Secure Communications.
- (U) (\$ 330) Support work on the Six (6) Degrees of Freedom Ship Roll Project with Italy.
- (U) (\$ 330) Support efforts on the Multilateral Memorandum of Understanding for Standard Missile Family.
- (U) (\$ 890) Support work on the Multilateral Torpedo Tripwire Defense System.
- (U) (\$1,000) Support work on the UUV for Mine Countermeasure Project with the United Kingdom.
- (U) (\$ 112) Portion of extramural program reserved for Small Business Innovation Research assessment in accordance with 15 USC 638.
- (U) (\$ 520) Support Improved Submarine Launched Mobile Mine with Australia.

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Budget Item Justification
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- (U) (\$ 387) Support the Harpoon Enhancement Evaluation with Israel.
- (U) (\$1,110) Support the Multilateral LW-155MM Howitzer Program.

3. (U) FY 2002 PLAN:

- (U) (\$ 896) Support efforts on the Multilateral Memorandum of Understanding for Interoperable Network for Secure Communications.
- (U) (\$ 896) Support work on the Six (6) Degrees of Freedom Ship Roll Project between the U.S. and Italy.
- (U) (\$1,678) Support efforts on the Multilateral Memorandum of Understanding for Standard Missile Family.
- (U) (\$2,255) Support work on the Multilateral Torpedo Tripwire Defense System.
- (U) (\$1,455) Support work on the UUV for Mine Countermeasure Project with the United Kingdom.
- (U) (\$ 112) Support the Harpoon Enhancement Evaluation with Israel.
- (U) (\$1,678) Support Improved Submarine Launched Mobile Mine with Australia.
- (U) (\$ 786) Support the Software Radio Project with Japan.
- (U) (\$ 675) Support the Naval Command, Control and Combat Systems interoperability program with the United Kingdom.
- (U) (\$1,120) Support the Mobile Scutter Program with Israel.

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Budget Item Justification
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PROJECT TITLE: NATO Cooperative R&D

B. (U) PROGRAM CHANGE SUMMARY:

	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
(U) FY 2001 President's Budget:	5,431	8,992	11,565
(U) Appropriated Value:			
(U) Adjustments from PRESBUDG:			
(U) Program Adjustment			-14
(U) NWCF Rate Adjustments			-16
(U) SBIR Adjustment	-86		
(U) Reprogramming Adjustment	-206		
(U) Congressional Rescission	-21	-83	
(U) Non-Pay Inflation Adjustments			16
(U) FY 2002 President's Budget Submission:	5,118	8,909	11,551

(U) CHANGE SUMMARY EXPLANATION:

(U) Schedule: Not applicable.
(U) Technical: Not applicable.

C. (U) OTHER PROGRAM FUNDING SUMMARY: Not applicable.

(U) RELATED RDT&E:

(U) PE 0603790D (NATO Cooperative Research and Development)
(U) PE 0605853N (Management, Technical and International Support)
(U) PE 0605130D (Foreign Comparative Testing)

D. (U) SCHEDULE PROFILE: Not applicable.

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Budget Item Justification
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FY 2002 RDT&E,N PROGRAM ELEMENT/PROJECT COST BREAKDOWN

DATE: June 2001

BUDGET ACTIVITY: 4

PROGRAM ELEMENT: 0603790N

PROJECT NUMBER: R2293

PROGRAM ELEMENT TITLE: NATO Research and Development

PROJECT TITLE: NATO Cooperative R&D

A. (U) PROJECT COST BREAKDOWN: (\$ in thousands)

Project Cost Categories	<u>FY 2000</u>	<u>FY 2001</u>	<u>FY 2002</u>
a. Cooperative Research and Development	5,118	8,909	11,551

B. (U) BUDGET ACQUISITION HISTORY AND PLANNING INFORMATION:

PERFORMING ORGANIZATIONS

Contractor/ Government Performing <u>Activity</u> Product Development	Contract Method/ Fund Type <u>Vehicle</u>	Award/ Oblig <u>Date</u>	Perform Activity <u>EAC</u>	Project Office <u>EAC</u>	<u>FY 2000</u> Budget	<u>FY 2001</u> Budget	<u>FY 2002</u> Budget	<u>To</u> <u>Complete</u>	<u>Total</u> <u>Program</u>
NAVSEA	PD				582	850	3,356	CONT.	CONT.
NSWC-CD	WX				1,265	330	896	CONT.	CONT.
NUWC	WX				234	1,000	1,455		
Miscellaneous					627	2,812	4,271	CONT.	CONT.
NAVAIR	PD				2,176	3,330	0		

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RDT&E PE/Project Cost Breakdown
(Exhibit R-3, page 5 of 7)

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FY 2002 RDT&E,N PROGRAM ELEMENT/PROJECT COST BREAKDOWN

DATE: June 2001

BUDGET ACTIVITY: 4

PROGRAM ELEMENT: 0603790N

PROJECT NUMBER: R2293

PROGRAM ELEMENT TITLE: NATO Research and Development

PROJECT TITLE: NATO Cooperative R&D

Contractor/ Government Performing <u>Activity</u> Support and Management	Contract Method/ Fund Type <u>Vehicle</u>	Award/ Oblig <u>Date</u>	Perform Activity <u>EAC</u>	Project Office <u>EAC</u>	FY 2000 <u>Budget</u>	FY 2001 <u>Budget</u>	FY 2002 <u>Budget</u>	To <u>Complete</u>	Total <u>Program</u>
NRL	WX				234	587	112	CONT.	CONT.

Contractor/ Government Performing <u>Activity</u> Test and Evaluation	Contract Method/ Fund Type <u>Vehicle</u>	Award/ Oblig <u>Date</u>	Perform Activity <u>EAC</u>	Project Office <u>EAC</u>	FY 2000 <u>Budget</u>	FY 2001 <u>Budget</u>	FY 2002 <u>Budget</u>	To <u>Complete</u>	Total <u>Program</u>
SPAWAR	PD				0	0	1,461	CONT.	CONT.

GOVERNMENT FURNISHED PROPERTY: Not applicable.

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RDT&E PE/Project Cost Breakdown
(Exhibit R-3, page 6 of 7)

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PROGRAM ELEMENT TITLE: NATO Research and Development

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	<u>FY 2000</u> <u>Budget</u>	<u>FY 2001</u> <u>Budget</u>	<u>FY 2002</u> <u>Budget</u>	<u>To</u> <u>Complete</u>	<u>Total</u> <u>Program</u>
Subtotal Product Development	4,884	8,322	9,978	CONT.	CONT.
Subtotal Support and Management	234	587	112	0	0
Subtotal Test and Evaluation	0	0	1,461	0	0
Total Project	5,118	8,909	11,551	CONT.	CONT.

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RDT&E PE/Project Cost Breakdown
(Exhibit R-3, page 7 of 7)

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