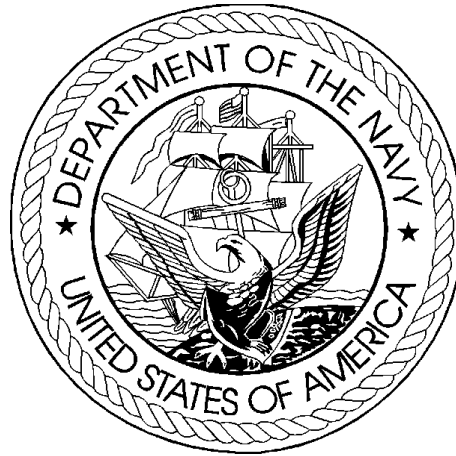


DEPARTMENT OF THE NAVY
FISCAL YEAR (FY) 2004/2005
BIENNIAL BUDGET ESTIMATES



JUSTIFICATION OF ESTIMATES
FEBRUARY 2003

RESEARCH, DEVELOPMENT, TEST &
EVALUATION, NAVY
BUDGET ACTIVITY 4

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Department of the Navy

FY 2004/2005 R D T E Program

Exhibit R-1

APPROPRIATION: 1319n Research, Development, Test, and Evaluation, Navy

DATE: February 2003

LINE NO	PROGRAM ELEMENT NUMBER	ITEM NOMENCLATURE	Thousands of Dollars					S E C
			BA	FY 2002	FY 2003	FY 2004	FY 2005	
35	0603207N	Air/Ocean Tactical Applications	04	30.415	33.036	22.832	24.978	U
36	0603216N	Aviation Survivability	04	29.108	20.378	6.809	5.921	U
37	0603237N	Deployable Joint Command and Control	04	0.000	31.761	79.449	43.181	U
38	0603254N	ASW Systems Development	04	14.427	25.335	11.149	8.608	U
39	0603261N	Tactical Airborne Reconnaissance	04	1.923	1.877	7.051	6.461	U
40	0603382N	Advanced Combat Systems Technology	04	3.111	3.276	3.394	3.346	U
41	0603502N	Surface and Shallow Water Mine Countermeasure	04	137.208	148.356	140.731	101.076	U
42	0603506N	Surface Ship Torpedo Defense	04	18.054	14.321	48.347	53.730	U
43	0603512N	Carrier Systems Development	04	157.969	111.395	144.965	162.080	U
44	0603513N	Shipboard System Component Development	04	280.795	256.366	20.431	19.251	U
45	0603525N	PILOT FISH	04	96.871	69.969	95.301	78.447	U
46	0603527N	RETRACT LARCH	04	49.002	27.854	74.111	82.812	U
47	0603536N	RETRACT JUNIPER	04	0.000	0.000	20.526	74.885	U
48	0603542N	Radiological Control	04	1.009	1.055	1.112	0.959	U
49	0603553N	Surface ASW	04	3.542	3.184	2.506	2.698	U
50	0603559N	SSGN Coverision	04	72.162	89.743	68.988	19.499	U
51	0603561N	Advanced Submarine System Development	04	122.614	129.601	52.744	158.595	U
52	0603562N	Submarine Tactical Warfare Systems	04	9.120	13.075	6.027	6.350	U
53	0603563N	Ship Concept Advanced Design	04	22.437	25.102	7.679	7.545	U
54	0603564N	Ship Preliminary Design & Feasibility Studies	04	12.478	6.840	0.000	0.000	U
55	0603570N	Advanced Nuclear Power Systems	04	170.706	211.314	201.239	174.239	U
56	0603573N	Advanced Surface Machinery Systems	04	2.997	2.867	1.468	0.000	U

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			BA	FY 2002	FY 2003	FY 2004	FY 2005	
57	0603576N	CHALK EAGLE	04	35.438	20.462	17.463	14.127	U
58	0603581N	Littoral Combat Ship (LCS)	04	0.000	33.099	158.071	180.587	U
59	0603582N	Combat System Integration	04	63.904	57.048	86.836	48.439	U
60	0603609N	Conventional Munitions	04	23.484	17.988	42.539	43.461	U
61	0603611M	MARINE CORPS ASSAULT VEHICLES	04	252.634	270.255	240.695	237.819	U
62	0603612M	MC Mine Countermeasures	04	0.000	0.486	1.215	6.032	U
63	0603635M	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	04	33.934	31.059	19.700	20.612	U
64	0603654N	Joint Service Explosive Ordnance Development	04	12.356	12.589	12.385	15.632	U
65	0603658N	Cooperative Engagement	04	107.334	109.606	72.506	76.918	U
66	0603713N	Ocean Engineering Technology Development	04	15.173	14.920	18.180	14.917	U
67	0603721N	Environmental Protection	04	44.944	43.985	30.127	31.815	U
68	0603724N	Navy Energy Program	04	6.678	14.975	1.713	1.880	U
69	0603725N	Facilities Improvement	04	1.670	3.300	1.440	1.567	U
70	0603734N	CHALK CORAL	04	45.280	65.552	61.453	57.836	U
71	0603739N	Navy Logistic Productivity	04	34.100	26.133	7.591	7.957	U
72	0603746N	RETRACT MAPLE	04	159.363	268.883	300.864	240.095	U
73	0603748N	LINK PLUMERIA	04	63.048	81.081	105.363	110.825	U
74	0603751N	RETRACT ELM	04	21.313	21.417	43.755	48.260	U
75	0603755N	Ship Self Defense	04	9.054	5.800	9.733	10.605	U
76	0603764N	LINK EVERGREEN	04	27.101	54.736	95.796	95.899	U
77	0603787N	Special Processes	04	65.285	38.879	53.450	51.837	U
78	0603790N	NATO Research and Development	04	12.293	8.989	7.941	11.955	U

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FY 2004/2005 R D T E Program

Exhibit R-1

APPROPRIATION: 1319n Research, Development, Test, and Evaluation, Navy

DATE: February 2003

LINE NO	PROGRAM ELEMENT NUMBER	ITEM NOMENCLATURE	BA	Thousands of Dollars				S E C
				FY 2002	FY 2003	FY 2004	FY 2005	
79	0603795N	Land Attack Technology	04	140.054	124.142	63.434	57.141	U
80	0603851M	NONLETHAL WEAPONS - DEM/VAL	04	32.524	25.866	43.445	43.492	U
81	0603857N	All Service Combat ID Evaluation Team (ASCIET)	04	12.994	14.084	16.765	15.218	U
82	0603860N	Joint Precision Approach & Landing Systems (JPALS)	04	0.000	11.668	24.304	38.989	U
83	0603879N	Single Int. Air Picture (SIAP) Sys Eng	04	41.381	71.952	15.053	7.831	U
84	0603889N	Counterdrug RDT&E Projects	04	24.809	0.000	0.000	0.000	U
85	0604272N	Tactical Air Directional Infrared Countermeasures	04	4.143	0.000	0.000	0.000	U
86	0604327N	Hard/Deeply Buried Tgt Defeat Sys (HDBTDS) Program	04	0.000	0.000	0.000	9.789	U
87	0604707N	Space & Electronic Warfare (SEW) Arch/Eng Support	04	38.664	32.565	31.369	26.366	U
TOTAL	Demonstration and Validation (Dem/Val)			2,564.903	2,708.224	2,600.045	2,562.562	

**Fiscal Year 2004/2005 Budget Estimates
Budget Appendix Extract Language**

**RESEARCH, DEVELOPMENT, TEST & EVALUATION, NAVY
(RDTEN)**

For expenses necessary for basic and applied scientific research, development, test and evaluation, including maintenance, rehabilitation, lease, and operation of facilities and equipment, [\$13,946,085,000] \$14,106,653,000, to remain available for obligation until September 30, [2004] 2005: *Provided*, That funds appropriated in this paragraph which are available for the V-22 may be used to meet unique operational requirements of the Special Operations Forces: *Provided further*, That funds appropriated in this paragraph shall be available for the Cobra Judy program. (10 U.S.C. 174, 2352-54, 7522; Department of Defense Appropriations Act, 2003.)