DEFENSE PRODUCTION ACT PURCHASES

The agreement on items addressed by either the House or the Senate is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS

[In thousands of dollars]

	FY 2014 Request	Final Bill
Next Generation STAR Tracker System	4,180	4,180
Read Out Integrated Circuit Foundry Improvement And Sustainability	2,200	2,200

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS—Continued

[In thousands of dollars]

	FY 2014 Request	Final Bill
Space Qualified Solar Cell Supply Chain	920	920
Critical Space Industrial Base Investment	7,200	7,200
Advanced Structural Materials	5,209	5,209
Electronic Materials and Device Production	5,426	5,426
Program Increase		35,000
TOTAL, DEFENSE PRODUCTION ACT	25,135	60,135

TITLE IV—RESEARCH, DEVELOPMENT, TEST AND EVALUATION

The agreement provides $62,994,741,000 in Title IV, Research, Development, Test and Evaluation. The agreement on items addressed by either the House or the Senate is as follows:

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
RECAPITULATION		
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY.....	7,989,102	7,126,318
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY.....	15,974,780	14,949,919
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE.	25,702,946	23,585,292
RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE.....	17,667,108	17,086,412
OPERATIONAL TEST AND EVALUATION, DEFENSE.....	186,300	246,800
GRAND TOTAL, RDT&E.....	67,520,236	62,994,741

SPECIAL INTEREST ITEMS

Items for which additional funds have been provided as shown in the project level tables or in paragraphs using the phrase ''only for'' or ''only to'' are congressional special interest items for the purpose of the Base for Reprogramming (DD Form 1414). Each of these items must be carried on the DD Form 1414 at the stated amount, as specifically addressed in the explanatory statement.

REPROGRAMMING GUIDANCE FOR ACQUISITION ACCOUNTS

The Secretary of Defense is directed to continue to follow the reprogramming guidance specified in the report accompanying the House version of the fiscal year 2008 Department of Defense Appropriations bill (House Report 110–279). Specifically, the dollar threshold for reprogramming funds will remain at $20,000,000 for procurement and $10,000,000 for research, development, test and evaluation.

Also, the Under Secretary of Defense (Comptroller) is directed to continue to provide the congressional defense committees quarterly, spreadsheet-based DD Form 1416 reports for service and defense-wide accounts in titles III and IV of this Act. Reports for titles III and IV shall comply with guidance specified in the explanatory statement accompanying the Department of Defense Appropriations Act, 2006. The Department shall continue to follow the limitation that prior approval reprogrammings are set at either the specified dollar threshold or 20 percent of the procurement or research, development, test and evaluation line, whichever is less. These thresholds are cumulative from the base for reprogramming value as modified by any adjustments. Therefore, if the combined value of transfers into or out of a procurement (P–1) or research, development, test and evaluation (R–1) line exceeds the identified threshold, the Secretary of Defense must submit a prior approval reprogramming to the congressional defense committees. In addition, guidelines on the application of prior approval reprogramming procedures for congressional special interest items are established elsewhere in this statement.

JOINT STRIKE FIGHTER FOLLOW–ON DEVELOPMENT

The agreement finds that a formal capability development document for Block 4, defining the next increment of warfighting capability to be integrated into the F–35 platform, must be approved before any funding may be used to begin Block 4 development. The agreement provides $6,000,000 only to perform the work necessary to produce, staff, and gain approval of a Block 4 capability development document.

COMMON DATA LINK

The agreement strongly supports increased competition for Common Data Link (CDL) devices, which are vital for securely conveying intelligence, surveillance, and reconnaissance information in the field. Accordingly, the agreement directs that no funds be obligated or expended for CDL solicitations unless they are compliant with Section 157 of the National Defense Authorization Act for fiscal year 2013. Recognizing that efforts are underway to increase competition and eliminate reliance on proprietary solutions for CDL, the agreement directs the Under Secretary of Defense (Acquisition, Technology, and Logistics) to submit a report updating the congressional defense committees on these efforts not later than 60 days following the enactment of this Act.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, ARMY

The agreement on items addressed by either the House or the Senate is as follows:

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY		
	BASIC RESEARCH		
1	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	21,803	21,803
2	DEFENSE RESEARCH SCIENCES	221,901	221,901
3	UNIVERSITY RESEARCH INITIATIVES	79,359	79,359
4	UNIVERSITY AND INDUSTRY RESEARCH CENTERS	113,662	113,662
	TOTAL, BASIC RESEARCH	436,725	436,725
	APPLIED RESEARCH		
5	MATERIALS TECHNOLOGY	26,585	55,585
6	SENSORS AND ELECTRONIC SURVIVABILITY	43,170	43,170
7	TRACTOR HIP	36,293	36,293
8	AVIATION TECHNOLOGY	55,615	55,615
9	ELECTRONIC WARFARE TECHNOLOGY	17,585	17,585
10	MISSILE TECHNOLOGY	51,528	59,528
11	ADVANCED WEAPONS TECHNOLOGY	26,162	26,162
12	ADVANCED CONCEPTS AND SIMULATION	24,063	24,063
13	COMBAT VEHICLE AND AUTOMOTIVE TECHNOLOGY	64,589	64,589
14	BALLISTICS TECHNOLOGY	68,300	75,300
15	CHEMICAL, SMOKE AND EQUIPMENT DEFEATING TECHNOLOGY	4,490	4,490
16	JOINT SERVICE SMALL ARMS PROGRAM	7,818	7,818
17	WEAPONS AND MUNITIONS TECHNOLOGY	37,798	52,798
18	ELECTRONICS AND ELECTRONIC DEVICES	59,021	59,021
19	NIGHT VISION TECHNOLOGY	43,426	43,426
20	COUNTERMINE SYSTEMS	20,574	30,574
21	HUMAN FACTORS ENGINEERING TECHNOLOGY	21,339	21,339
22	ENVIRONMENTAL QUALITY TECHNOLOGY	20,316	20,316
23	COMMAND, CONTROL, COMMUNICATIONS TECHNOLOGY	34,209	34,209
24	COMPUTER AND SOFTWARE TECHNOLOGY	10,439	10,439
25	MILITARY ENGINEERING TECHNOLOGY	70,064	70,064
26	MANPOWER/PERSONNEL/TRAINING TECHNOLOGY	17,654	17,654
27	WARFIGHTER TECHNOLOGY	31,546	31,546
28	MEDICAL TECHNOLOGY	93,340	93,340
	TOTAL, APPLIED RESEARCH	885,924	954,924

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ADVANCED TECHNOLOGY DEVELOPMENT		
29	WARFIGHTER ADVANCED TECHNOLOGY	56,056	66,056
30	MEDICAL ADVANCED TECHNOLOGY	62,032	101,032
31	AVIATION ADVANCED TECHNOLOGY	81,080	81,080
32	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	63,919	73,919
33	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	97,043	147,043
34	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	5,866	10,866
35	MANPOWER, PERSONNEL AND TRAINING ADVANCED TECHNOLOGY	7,800	7,800
36	ELECTRONIC WARFARE ADVANCED TECHNOLOGY	40,416	40,416
37	TRACTOR HIKE	9,166	9,166
38	NEXT GENERATION TRAINING & SIMULATION SYSTEMS	13,627	13,627
39	TRACTOR ROSE	10,667	10,667
41	COMBATING TERRORISM, TECHNOLOGY DEVELOPMENT	15,054	15,054
42	TRACTOR NAIL	3,194	3,194
43	TRACTOR EGGS	2,367	2,367
44	ELECTRONIC WARFARE TECHNOLOGY	25,348	25,348
45	MISSILE AND ROCKET ADVANCED TECHNOLOGY	64,009	84,009
46	TRACTOR CAGE	11,083	11,083
47	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	180,662	220,662
48	LANDMINE WARFARE AND BARRIER ADVANCED TECHNOLOGY	22,806	22,806
49	JOINT SERVICE SMALL ARMS PROGRAM	5,030	5,030
50	NIGHT VISION ADVANCED TECHNOLOGY	36,407	44,407
51	ENVIRONMENTAL QUALITY TECHNOLOGY DEMONSTRATIONS	11,745	11,745
52	MILITARY ENGINEERING ADVANCED TECHNOLOGY	23,717	23,717
53	ADVANCED TACTICAL COMPUTER SCIENCE & SENSOR TECHNOLOGY	33,012	33,012
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	882,106	1,064,106

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	DEMONSTRATION & VALIDATION		
54	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	15,301	23,301
55	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION (SPACE)	13,592	13,592
56	LANDMINE WARFARE AND BARRIER - ADV DEV	10,625	---
58	TANK AND MEDIUM CALIBER AMMUNITION	30,612	30,612
59	ADVANCED TANK ARMAMENT SYSTEM (ATAS)	49,989	49,989
60	SOLDIER SUPPORT AND SURVIVABILITY	6,703	5,188
61	TACTICAL ELECTRONIC SURVEILLANCE SYSTEM - AD	6,894	6,894
62	NIGHT VISION SYSTEMS ADVANCED DEVELOPMENT	9,066	9,066
63	ENVIRONMENTAL QUALITY TECHNOLOGY	2,633	2,633
64	WARFIGHTER INFORMATION NETWORK-TACTICAL	272,384	122,384
65	NATO RESEARCH AND DEVELOPMENT	3,874	3,874
66	AVIATION - ADV DEV	5,018	5,018
67	LOGISTICS AND ENGINEER EQUIPMENT - ADV DEV	11,556	11,556
69	MEDICAL SYSTEMS - ADV DEV	15,603	15,603
70	SOLDIER SYSTEMS - ADVANCED DEVELOPMENT	14,159	14,159
71	INTEGRATED BROADCAST SERVICE	79	79
72	TECHNOLOGY MATURATION INITIATIVES	55,605	11,116
74	INDIRECT FIRE PROTECTION CAPABILITY INCREMENT 2-INTERC	79,232	79,232
75	INTEGRATED BASE DEFENSE	4,476	4,476
76	ENDURANCE UAVS	28,991	---
	TOTAL, DEMONSTRATION & VALIDATION	636,392	408,772

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ENGINEERING & MANUFACTURING DEVELOPMENT		
77	AIRCRAFT AVIONICS	76,588	76,588
78	ARMED, DEPLOYABLE OH-58D	73,309	69,844
79	ELECTRONIC WARFARE DEVELOPMENT	154,621	144,621
80	JOINT TACTICAL RADIO	31,826	31,826
81	MID-TIER NETWORKING VEHICULAR RADIO	23,341	23,341
82	ALL SOURCE ANALYSIS SYSTEM	4,839	4,839
83	TRACTOR CAGE	23,841	23,841
84	INFANTRY SUPPORT WEAPONS	79,855	85,100
85	MEDIUM TACTICAL VEHICLES	2,140	2,140
86	JAVELIN	5,002	5,002
87	FAMILY OF HEAVY TACTICAL VEHICLES	21,321	21,321
88	AIR TRAFFIC CONTROL	514	514
93	NIGHT VISION SYSTEMS - SDD	43,405	43,405
94	COMBAT FEEDING, CLOTHING, AND EQUIPMENT	1,939	1,939
95	NON-SYSTEM TRAINING DEVICES - SDD	18,980	18,980
97	AIR DEFENSE COMMAND, CONTROL AND INTELLIGENCE -SDD	18,294	18,294
98	CONSTRUCTIVE SIMULATION SYSTEMS DEVELOPMENT	17,013	17,013
99	AUTOMATIC TEST EQUIPMENT DEVELOPMENT	6,701	6,701
100	DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD	14,575	12,575
101	COMBINED ARMS TACTICAL TRAINER (CATT) CORE	27,634	27,634
102	BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	193,748	100,000
103	WEAPONS AND MUNITIONS - SDD	15,721	15,721

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
104 LOGISTICS AND ENGINEER EQUIPMENT - SDD	41,703	41,703
105 COMMAND, CONTROL, COMMUNICATIONS SYSTEMS - SDD	7,379	7,379
106 MEDICAL MATERIEL/MEDICAL BIOLOGICAL DEFENSE EQUIPMENT	39,468	39,468
107 LANDMINE WARFARE/BARRIER - SDD	92,285	92,285
108 ARTILLERY MUNITIONS	8,209	8,209
109 ARMY TACTICAL COMMAND & CONTROL HARDWARE & SOFTWARE	22,958	22,958
110 RADAR DEVELOPMENT	1,549	1,549
111 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	17,342	227
112 FIREFINDER	47,221	20,221
113 SOLDIER SYSTEMS - WARRIOR DEM/VAL	48,477	18,477
114 ARTILLERY SYSTEMS	80,613	121,313
117 INFORMATION TECHNOLOGY DEVELOPMENT	68,814	68,814
118 ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM (A-IMH	137,290	69,290
119 ARMORED MULTI-PURPOSE VEHICLE	116,298	28,300
120 JOINT TACTICAL NETWORK CENTER	68,148	68,148
121 AMF JOINT TACTICAL RADIO SYSSTEM	33,219	10,219
122 JOINT AIR-TO-GROUND MISSILE (JAGM)	15,127	15,127
124 PAC-2/MSE MISSILE	68,843	68,843
125 ARMY INTEGRATED AIR AND MISSILE DEFENSE (AIAMD)	364,649	369,649
126 MANNED GROUND VEHICLE	592,201	100,201
127 AERIAL COMMON SENSOR	10,382	10,382
128 NATIONAL CAPABILITIES INTEGRATION	21,143	21,143
129 JOINT LIGHT TACTICAL VEHICLE ENG AND MANUFACTURING	84,230	84,230
130 TROJAN - RH12	3,465	3,465
131 ELECTRONIC WARFARE DEVELOPMENT	10,806	10,806
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	2,857,026	2,053,645

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
RDT&E MANAGEMENT SUPPORT		
132 THREAT SIMULATOR DEVELOPMENT	16,934	23,934
133 TARGET SYSTEMS DEVELOPMENT	13,488	13,488
134 MAJOR T&E INVESTMENT	46,672	46,672
135 RAND ARROYO CENTER	11,919	18,919
136 ARMY KWAJALEIN ATOLL	193,658	193,658
137 CONCEPTS EXPERIMENTATION PROGRAM	37,158	22,258
139 ARMY TEST RANGES AND FACILITIES	340,659	340,659
140 ARMY TECHNICAL TEST INSTRUMENTATION AND TARGETS	66,061	66,061
141 SURVIVABILITY/LETHALITY ANALYSIS	43,280	43,280
143 AIRCRAFT CERTIFICATION	6,025	6,025
144 METEOROLOGICAL SUPPORT TO RDT&E ACTIVITIES	7,349	7,349
145 MATERIEL SYSTEMS ANALYSIS	19,809	19,809
146 EXPLOITATION OF FOREIGN ITEMS	5,941	5,941
147 SUPPORT OF OPERATIONAL TESTING	55,504	55,504
148 ARMY EVALUATION CENTER	65,274	65,274
149 SIMULATION & MODELING FOR ACQ, RQTS, & TNG (SMART)	1,283	1,283
150 PROGRAMWIDE ACTIVITIES	82,035	82,035
151 TECHNICAL INFORMATION ACTIVITIES	33,853	33,853
152 MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	53,340	58,340
153 ENVIRONMENTAL QUALITY TECHNOLOGY MGMT SUPPORT	5,193	5,193
154 MANAGEMENT HEADQUARTERS (RESEARCH AND DEVELOPMENT)	54,175	54,175
TOTAL, RDT&E MANAGEMENT SUPPORT	1,159,610	1,163,710

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	OPERATIONAL SYSTEMS DEVELOPMENT		
156	MLRS PRODUCT IMPROVEMENT PROGRAM	110,576	96,476
157	LOGISTICS AUTOMATION	3,717	3,717
159	PATRIOT PRODUCT IMPROVEMENT	70,053	35,053
160	AEROSTAT JOINT PROJECT OFFICE	98,450	---
160	AEROSTAT EMD	---	60,000
160	AEROSTAT COCOM EXERCISE	---	23,450
161	ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	30,940	25,520
162	COMBAT VEHICLE IMPROVEMENT PROGRAMS	177,532	177,532
163	MANEUVER CONTROL SYSTEM	36,495	36,495
164	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	257,187	239,824
165	AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	315	315
166	DIGITIZATION	6,186	6,186
168	MISSILE/AIR DEFENSE PRODUCT IMPROVEMENT PROGRAM	1,578	1,578
169	OTHER MISSILE PRODUCT IMPROVEMENT PROGRAMS	62,100	62,100
171	TRACTOR CARD	18,778	18,778
	JOINT TACTICAL GROUND SYSTEM	7,108	7,108
173	SECURITY AND INTELLIGENCE ACTIVITIES	7,600	7,600
174	INFORMATION SYSTEMS SECURITY PROGRAM	9,357	9,357
176	GLOBAL COMBAT SUPPORT SYSTEM	41,225	41,225
177	SATCOM GROUND ENVIRONMENT (SPACE)	18,197	18,197
178	WWMCCS/GLOBAL COMMAND AND CONTROL SYSTEM	14,215	14,215
179	TACTICAL UNMANNED AERIAL VEHICLES	33,533	33,533
180	DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	27,622	27,622
182	MQ-1 SKY WARRIOR A UAV	10,901	10,901
183	RQ-11 UAV	2,321	2,321
184	RQ-7 UAV	12,031	12,031
186	BIOMETRICS ENABLED INTELLIGENCE	12,449	12,449
187	END ITEM INDUSTRIAL PREPAREDNESS ACTIVITIES	56,136	56,136
	TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	1,126,602	1,039,719
	CLASSIFIED PROGRAMS	4,717	4,717
	TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, ARMY	7,989,102	7,126,318

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		FY 2014 Request	Final Bill
5	MATERIALS TECHNOLOGY	26,585	55,585
	Materials research and technology		15,000
	Nanotechnology research		4,000
	Silicon Carbide research		10,000
10	MISSILE TECHNOLOGY	51,528	59,528
	Program increase		8,000
14	BALLISTICS TECHNOLOGY	68,300	75,300
	Authorization adjustment - Warrior Injury Assessment Manikin schedule adjustment		7,000
17	WEAPONS AND MUNITIONS TECHNOLOGY	37,798	52,798
	Program increase		15,000
20	COUNTERMINE SYSTEMS	20,574	30,574
	Unexploded ordnance and landmine detection research		10,000
29	WARFIGHTER ADVANCED TECHNOLOGY	56,056	66,056
	Program increase		10,000
30	MEDICAL ADVANCED TECHNOLOGY	62,032	101,032
	Peer-reviewed neurotoxin exposure treatment Parkinsons research program		16,000
	Peer-reviewed neurofibromatosis research program		15,000
	Military burn research program		8,000
32	WEAPONS AND MUNITIONS ADVANCED TECHNOLOGY	63,919	73,919
	Program increase		10,000
33	COMBAT VEHICLE AND AUTOMOTIVE ADVANCED TECHNOLOGY	97,043	147,043
	Alternative energy research		25,000
	Program increase		25,000
34	COMMAND, CONTROL, COMMUNICATIONS ADVANCED TECHNOLOGY	5,866	10,866
	Space applications advanced technology program increase		5,000
45	MISSILE AND ROCKET ADVANCED TECHNOLOGY	64,009	84,009
	Restore unjustified reduction		20,000
47	HIGH PERFORMANCE COMPUTING MODERNIZATION PROGRAM	180,662	220,662
	Restore unjustified reduction		40,000
50	NIGHT VISION ADVANCED TECHNOLOGY	36,407	44,407
	Program increase		8,000
54	ARMY MISSILE DEFENSE SYSTEMS INTEGRATION	15,301	23,301
	Program increase		8,000

R-1	FY 2014 Request	Final Bill
56 LANDMINE WARFARE AND BARRIER - ADV DEV	**10,625**	**0**
Forward Reconnaissance and Explosive Hazard Detection program deferred by Army		-10,625
60 SOLDIER SUPPORT AND SURVIVABILITY	**6,703**	**5,188**
Rapid Equipping Force non-base budget program		-1,515
64 WARFIGHTER INFORMATION NETWORK-TACTICAL	**272,384**	**122,384**
Excess program growth		-143,000
Program decrease		-7,000
72 TECHNOLOGY MATURATION INITIATIVES	**55,605**	**11,116**
DS3 unjustified request		-35,000
DX1 excess carrryover		-9,489
76 ENDURANCE UAVS	**28,991**	**0**
Program termination - LEMV		-28,991
78 ARMED, DEPLOYABLE OH-58D	**73,309**	**69,844**
Armed Scout Helicopter - new start delay		-3,465
79 ELECTRONIC WARFARE DEVELOPMENT	**154,621**	**144,621**
Program decrease		-10,000
84 INFANTRY SUPPORT WEAPONS	**79,855**	**85,100**
S62 Counter Defilade Target Engagement - Army requested transfer from WTCV,A line 15		11,000
Individual Carbine program terminated by Army		-355
Program decrease		-5,400
100 DISTRIBUTIVE INTERACTIVE SIMULATIONS (DIS) - SDD	**14,575**	**12,575**
Program decrease		-2,000
102 BRIGADE ANALYSIS, INTEGRATION AND EVALUATION	**193,748**	**100,000**
Network Integration Evaluation excess cost		-93,748
111 GENERAL FUND ENTERPRISE BUSINESS SYSTEM (GFEBS)	**17,342**	**227**
DV6 GFEBS-SA - fully funded in fiscal year 2013 at Army request		-17,115
112 FIREFINDER	**47,221**	**20,221**
P3I program delay		-27,000
113 SOLDIER SYSTEMS - WARRIOR DEM/VAL	**48,477**	**18,477**
S75 excess cost		-15,000
Program decrease		-15,000
114 ARTILLERY SYSTEMS	**80,613**	**121,313**
Army requested transfer from WTCV,A line 6 for Paladin		40,700
118 ARMY INTEGRATED MILITARY HUMAN RESOURCES SYSTEM	**137,290**	**69,290**
Increment II excess delays		-68,000
119 ARMORED MULTI-PURPOSE VEHICLE	**116,298**	**28,300**
Schedule delay		-30,000
Army requested program decrease		-57,998

R-1		FY 2014 Request	Final Bill
121	AMF JOINT TACTICAL RADIO SYSTEM	33,219	10,219
	Program decrease		-23,000
125	ARMY INTEGRATED AIR AND MISSILE DEFENSE	364,649	369,649
	Program increase for cyber security and supply chain management		5,000
126	MANNED GROUND VEHICLE	592,201	100,201
	Excess technology development undefinitized contract extension funding		-99,000
	Excess funding for prototypes		-70,000
	Program decrease		-323,000
132	THREAT SIMULATOR DEVELOPMENT	16,934	23,934
	Cyber test and evaluation enterprise infrastructure		7,000
135	RAND ARROYO CENTER	11,919	18,919
	Restore unjustified reduction		7,000
137	CONCEPTS EXPERIMENTATION PROGRAM	37,158	22,258
	Project 317 contractor cost growth		-14,900
152	MUNITIONS STANDARDIZATION, EFFECTIVENESS AND SAFETY	53,340	58,340
	Program increase		5,000
156	MLRS PRODUCT IMPROVEMENT PROGRAM	110,576	96,476
	Project 78G firm fixed price contract cost growth		-14,100
159	PATRIOT PRODUCT IMPROVEMENT	70,053	35,053
	Only for near-term urgent improvements		-35,000
160	AEROSTAT JOINT PROJECT OFFICE	98,450	0
	Funding ahead of need		-15,000
	Transfer to lines 160A and 160B for oversight		-83,450
160A	AEROSTAT JOINT PROGRAM OFFICE - CONCLUSION OF EMD EFFORT ONLY	0	60,000
	Transfer from line 160 for conclusion of EMD effort only		60,000
160B	AEROSTAT JOINT PROGRAM OFFICE - COCOM EXERCISE ONLY	0	23,450
	Transfer from line 160 for COCOM exercise only		23,450
161	ADV FIELD ARTILLERY TACTICAL DATA SYSTEM	30,940	25,520
	Increment 2 Army identified excess		-5,420
164	AIRCRAFT MODIFICATIONS/PRODUCT IMPROVEMENT PROGRAMS	257,187	239,824
	Project 430 Block II excess carryover		-17,363

USER INTERFACES TO IMPROVE WARFIGHTER PERFORMANCE

The Army is performing research and conducting exercises aimed at closing the gap between the difficulty in operating traditional military equipment and the ease of operating modern handheld devices. The Secretary of the Army is encouraged to accelerate these ongoing technology development efforts and update equipment user interfaces to improve warfighter performance.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, NAVY

The agreement on items addressed by either the House or the Senate is as follows:

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY		
	BASIC RESEARCH		
1	UNIVERSITY RESEARCH INITIATIVES	112,617	112,617
2	IN-HOUSE LABORATORY INDEPENDENT RESEARCH	18,230	18,230
3	DEFENSE RESEARCH SCIENCES	484,459	488,459
	TOTAL, BASIC RESEARCH	615,306	619,306
	APPLIED RESEARCH		
4	POWER PROJECTION APPLIED RESEARCH	104,513	104,513
5	FORCE PROTECTION APPLIED RESEARCH	145,307	170,307
6	MARINE CORPS LANDING FORCE TECHNOLOGY	47,334	47,334
7	COMMON PICTURE APPLIED RESEARCH	34,163	34,163
8	WARFIGHTER SUSTAINMENT APPLIED RESEARCH	49,689	49,689
9	ELECTROMAGNETIC SYSTEMS APPLIED RESEARCH	97,701	97,701
10	OCEAN WARFIGHTING ENVIRONMENT APPLIED RESEARCH	45,685	45,685
11	JOINT NON-LETHAL WEAPONS APPLIED RESEARCH	6,060	6,060
12	UNDERSEA WARFARE APPLIED RESEARCH	103,050	103,050
13	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	169,710	169,710
14	MINE AND EXPEDITIONARY WARFARE APPLIED RESEARCH	31,326	31,326
	TOTAL, APPLIED RESEARCH	834,538	859,538
	ADVANCED TECHNOLOGY DEVELOPMENT		
15	POWER PROJECTION ADVANCED TECHNOLOGY	48,201	48,201
16	FORCE PROTECTION ADVANCED TECHNOLOGY	28,328	28,328
19	ELECTROMAGNETIC SYSTEMS ADVANCED TECHNOLOGY	56,179	56,179
20	MARINE CORPS ADVANCED TECHNOLOGY DEMONSTRATION (ATD)	132,400	132,400
21	JOINT NON-LETHAL WEAPONS TECHNOLOGY DEVELOPMENT	11,854	11,854
22	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEV	247,931	252,931
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,760	40,460
25	NAVY WARFIGHTING EXPERIMENTS AND DEMONSTRATIONS	51,463	51,463
26	MINE AND EXPEDITIONARY WARFARE ADVANCED TECHNOLOGY	2,000	2,000
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	583,116	623,816

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	DEMONSTRATION & VALIDATION		
27	AIR/OCEAN TACTICAL APPLICATIONS	42,246	39,246
28	AVIATION SURVIVABILITY	5,591	5,591
29	DEPLOYABLE JOINT COMMAND AND CONTROL	3,262	3,262
30	AIRCRAFT SYSTEMS	74	10,074
31	ASW SYSTEMS DEVELOPMENT	7,964	6,964
32	TACTICAL AIRBORNE RECONNAISSANCE	5,257	5,257
33	ADVANCED COMBAT SYSTEMS TECHNOLOGY	1,570	1,570
34	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	168,040	160,040
35	SURFACE SHIP TORPEDO DEFENSE	88,649	85,649
36	CARRIER SYSTEMS DEVELOPMENT	83,902	80,902
37	PILOT FISH	108,713	108,713
38	RETRACT LARCH	9,316	9,316
39	RETRACT JUNIPER	77,108	77,108
40	RADIOLOGICAL CONTROL	762	762
41	SURFACE ASW	2,349	2,349
42	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	852,977	850,182
43	SUBMARINE TACTICAL WARFARE SYSTEMS	8,764	8,764
44	SHIP CONCEPT ADVANCED DESIGN	20,501	17,501
45	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	27,052	38,117
46	ADVANCED NUCLEAR POWER SYSTEMS	428,933	428,933
47	ADVANCED SURFACE MACHINERY SYSTEMS	27,154	18,144
48	CHALK EAGLE	519,140	519,140
49	LITTORAL COMBAT SHIP (LCS)	406,389	168,260
	LITTORAL COMBAT SHIP (LCS) MISSION PACKAGES	---	203,771
50	COMBAT SYSTEM INTEGRATION	36,570	4,465
50X	AUTOMATIC TEST AND RE-TEST	---	10,005
51	CONVENTIONAL MUNITIONS	8,404	8,404
52	MARINE CORPS ASSAULT VEHICLES	136,967	122,967
53	MARINE CORPS GROUND COMBAT/SUPPORT SYSTEM	1,489	1,489

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
54	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	38,422	35,023
55	COOPERATIVE ENGAGEMENT	69,312	53,643
56	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	9,196	7,696
57	ENVIRONMENTAL PROTECTION	18,850	18,850
58	NAVY ENERGY PROGRAM	45,618	45,618
59	FACILITIES IMPROVEMENT	3,019	3,019
60	CHALK CORAL	144,951	124,451
61	NAVY LOGISTIC PRODUCTIVITY	5,797	3,847
62	RETRACT MAPLE	308,131	308,131
63	LINK PLUMERIA	195,189	121,189
64	RETRACT ELM	56,358	56,358
65	LINK EVERGREEN	55,378	55,378
66	SPECIAL PROCESSES	48,842	48,842
67	NATO RESEARCH AND DEVELOPMENT	7,509	7,509
68	LAND ATTACK TECHNOLOGY	5,075	---
69	NONLETHAL WEAPONS	51,178	49,278
70	JOINT PRECISION APPROACH AND LANDING SYSTEMS	205,615	156,178
72	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	37,227	33,906
73	ASE SELF-PROTECTION OPTIMIZATION	169	169
74	JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE	20,874	15,874
75	PRECISION STRIKE WEAPONS DEVELOPMENT PROGRAM	2,257	2,257
76	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	38,327	31,327
77	OFFENSIVE ANTI-SURFACE WARFARE WEAPON DEVELOPMENT	135,985	90,985
78	JOINT LIGHT TACTICAL VEHICLE ENGINEERING/MANUFACTURING	50,362	50,362
79	ASW SYSTEMS DEVELOPMENT - MIP	8,448	4,908
80	ELECTRONIC WARFARE DEVELOPMENT - MIP	153	153
	TOTAL, DEMONSTRATION & VALIDATION	4,641,385	4,321,896

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ENGINEERING & MANUFACTURING DEVELOPMENT		
81	OTHER HELO DEVELOPMENT	40,558	25,458
82	AV-8B AIRCRAFT - ENG DEV	35,825	33,325
83	STANDARDS DEVELOPMENT	99,891	68,530
84	MULTI-MISSION HELICOPTER UPGRADE DEVELOPMENT	17,565	17,565
85	AIR/OCEAN EQUIPMENT ENGINEERING	4,026	4,026
86	P-3 MODERNIZATION PROGRAM	1,791	791
87	WARFARE SUPPORT SYSTEM	11,725	9,725
88	TACTICAL COMMAND SYSTEM	68,463	63,463
89	ADVANCED HAWKEYE	152,041	107,041
90	H-1 UPGRADES	47,123	47,123
91	ACOUSTIC SEARCH SENSORS	30,208	29,208
92	V-22A	43,084	43,084
93	AIR CREW SYSTEMS DEVELOPMENT	11,401	9,151
94	EA-18	11,138	11,138
95	ELECTRONIC WARFARE DEVELOPMENT	34,964	34,964
96	VH-71A EXECUTIVE HELO DEVELOPMENT	94,238	94,238
97	NEXT GENERATION JAMMER (NGJ)	257,796	157,796
98	JOINT TACTICAL RADIO SYSTEM - NAVY (JTRS-NAVY)	3,302	3,302
99	SURFACE COMBATANT COMBAT SYSTEM ENGINEERING	240,298	206,298
100	LPD-17 CLASS SYSTEMS INTEGRATION	1,214	1,214
101	SMALL DIAMETER BOMB (SDB)	46,007	24,925
102	STANDARD MISSILE IMPROVEMENTS	75,592	67,092
103	AIRBORNE MCM	117,854	109,354
104	MARINE AIR GROUND TASK FORCE ELECTRONIC WARFARE	10,080	10,080
105	NAVAL INTEGRATED FIRE CONTROL-COUNTER AIR SYSTEMS ENG.	21,413	21,413
106	FUTURE UNMANNED CARRIER-BASED STRIKE SYSTEM	146,683	121,683
107	ADVANCED ABOVE WATER SENSORS	275,871	157,871
108	SSN-688 AND TRIDENT MODERNIZATION	89,672	85,735
109	AIR CONTROL	13,754	10,754
110	SHIPBOARD AVIATION SYSTEMS	69,615	69,615
112	NEW DESIGN SSN	121,566	121,566
113	SUBMARINE TACTICAL WARFARE SYSTEM	49,143	49,143

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
114 SHIP CONTRACT DESIGN/LIVE FIRE T&E	155,254	187,421
115 NAVY TACTICAL COMPUTER RESOURCES	3,689	3,689
116 MINE DEVELOPMENT	5,041	5,041
117 LIGHTWEIGHT TORPEDO DEVELOPMENT	26,444	26,444
118 JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	8,897	8,897
119 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	6,233	4,233
120 JOINT STANDOFF WEAPON SYSTEMS	442	442
121 SHIP SELF DEFENSE (DETECT & CONTROL)	130,360	95,610
122 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	50,209	43,309
123 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	164,799	114,799
124 INTELLIGENCE ENGINEERING	1,984	1,984
125 MEDICAL DEVELOPMENT	9,458	28,458
126 NAVIGATION/ID SYSTEM	51,430	47,430
127 JOINT STRIKE FIGHTER (JSF) - EMD	512,631	415,727
128 JOINT STRIKE FIGHTER (JSF)	534,187	440,745
129 INFORMATION TECHNOLOGY DEVELOPMENT	5,564	5,564
130 INFORMATION TECHNOLOGY DEVELOPMENT	69,659	47,823
132 CH-53K	503,180	462,280
133 JOINT AIR-TO-GROUND MISSILE (JAGM)	5,500	---
134 MULTI-MISSION MARITIME AIRCRAFT (MMA)	317,358	272,358
135 DDG-1000	187,910	187,910
136 TACTICAL COMMAND SYSTEM - MIP	2,140	2,140
137 TACTICAL CRYPTOLOGIC SYSTEMS	9,406	9,406
138 SPECIAL APPLICATIONS PROGRAM	22,800	22,800
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	5,028,476	4,251,181

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	RDT&E MANAGEMENT SUPPORT		
139	THREAT SIMULATOR DEVELOPMENT	43,261	43,261
140	TARGET SYSTEMS DEVELOPMENT	71,872	71,872
141	MAJOR T&E INVESTMENT	38,033	38,033
142	JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION	1,352	1,352
143	STUDIES AND ANALYSIS SUPPORT - NAVY	5,566	5,566
144	CENTER FOR NAVAL ANALYSES	48,345	48,345
146	TECHNICAL INFORMATION SERVICES	637	637
147	MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	76,585	83,585
148	STRATEGIC TECHNICAL SUPPORT	3,221	3,221
149	RDT&E SCIENCE AND TECHNOLOGY MANAGEMENT	72,725	72,725
150	RDT&E SHIP AND AIRCRAFT SUPPORT	141,778	141,778
151	TEST AND EVALUATION SUPPORT	331,219	301,219
152	OPERATIONAL TEST AND EVALUATION CAPABILITY	16,565	16,565
153	NAVY SPACE AND ELECTRONIC WARFARE (SEW) SUPPORT	3,265	3,265
154	SEW SURVEILLANCE/RECONNAISSANCE SUPPORT	7,134	7,134
155	MARINE CORPS PROGRAM WIDE SUPPORT	24,082	24,082
156	TACTICAL CRYPTOLOGIC ACTIVITIES	497	497
	TOTAL, RDT&E MANAGEMENT SUPPORT	886,137	863,137
	OPERATIONAL SYSTEMS DEVELOPMENT		
159	HARPOON MODIFICATIONS	699	699
160	UNMANNED COMBAT AIR VEHICLE (UCAV) ADVANCED COMPONENT	20,961	20,961
162	MARINE CORPS DATA SYSTEMS	35	35
163	CARRIER ONBOARD DELIVERY FOLLOW ON	2,460	1,230
164	STRIKE WEAPONS DEVELOPMENT	9,757	13,757
165	STRATEGIC SUB & WEAPONS SYSTEM SUPPORT	98,057	98,057
166	SSBN SECURITY TECHNOLOGY PROGRAM	31,768	31,768
167	SUBMARINE ACOUSTIC WARFARE DEVELOPMENT	1,464	1,464
168	NAVY STRATEGIC COMMUNICATIONS	21,729	21,729
169	RAPID TECHNOLOGY TRANSITION (RTT)	13,561	8,561
170	F/A-18 SQUADRONS	131,118	112,618
171	E-2 SQUADRONS	1,971	1,971
172	FLEET TELECOMMUNICATIONS (TACTICAL)	46,155	23,439

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
173 SURFACE SUPPORT	2,374	2,374
174 TOMAHAWK AND TOMAHAWK MISSION PLANNING CENTER (TMPC)	12,407	12,407
175 INTEGRATED SURVEILLANCE SYSTEM	41,609	41,609
176 AMPHIBIOUS TACTICAL SUPPORT UNITS	7,240	4,382
177 GROUND/AIR TASK ORIENTED RADAR	78,208	78,208
178 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	45,124	39,124
179 CRYPTOLOGIC DIRECT SUPPORT	2,703	2,703
180 ELECTRONIC WARFARE (EW) READINESS SUPPORT	19,563	19,563
181 HARM IMPROVEMENT	13,586	13,586
182 TACTICAL DATA LINKS	197,538	169,886
183 SURFACE ASW COMBAT SYSTEM INTEGRATION	31,863	31,863
184 MK-48 ADCAP	12,806	10,106
185 AVIATION IMPROVEMENTS	88,607	78,608
187 OPERATIONAL NUCLEAR POWER SYSTEMS	116,928	116,928
188 MARINE CORPS COMMUNICATIONS SYSTEMS	178,753	161,053
189 MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS	139,594	116,064
190 MARINE CORPS COMBAT SERVICES SUPPORT	42,647	35,647
191 USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)	34,394	33,394
192 TACTICAL AIM MISSILES	39,159	15,453
193 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	2,613	2,613
194 JOINT HIGH SPEED VESSEL (JHSV)	986	986
199 SATELLITE COMMUNICATIONS (SPACE)	66,231	66,231
200 CONSOLIDATED AFLOAT NETWORK ENTERPRISE SERVICES	24,476	24,476
201 INFORMATION SYSTEMS SECURITY PROGRAM	23,531	23,531
206 NAVY METEOROLOGICAL AND OCEAN SENSORS-SPACE (METOC)	742	742
207 JOINT MILITARY INTELLIGENCE PROGRAMS	4,804	4,804
208 TACTICAL UNMANNED AERIAL VEHICLES	8,381	8,381

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
211 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS	5,535	5,535
212 DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS	19,718	17,718
213 RQ-4 UAV	375,235	375,235
214 MQ-8 UAV	48,713	41,713
215 RQ-11 UAV	102	---
216 RQ-7 UAV	710	710
217 SMALL (LEVEL 0) TACTICAL UAS (STUASLO)	5,013	5,013
219 RQ-21A	11,122	11,122
220 MULTI-INTELLIGENCE SENSOR DEVELOPMENT	28,851	28,851
221 MODELING AND SIMULATION SUPPORT	5,116	5,116
222 DEPOT MAINTENANCE (NON-IF)	28,042	28,042
223 INDUSTRIAL PREPAREDNESS	50,933	50,933
224 MARITIME TECHNOLOGY (MARITECH)	4,998	4,998
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	2,200,690	2,025,997
CLASSIFIED PROGRAMS	1,185,132	1,385,048
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, NAVY	15,974,780	14,949,919

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		FY 2014 Request	Final Bill
3	DEFENSE RESEARCH SCIENCES	484,459	488,459
	Nanotechnology research		4,000
5	FORCE PROTECTION APPLIED RESEARCH	145,307	170,307
	Alternative energy research		25,000
22	FUTURE NAVAL CAPABILITIES ADVANCED TECHNOLOGY DEVELOPMENT	247,931	252,931
	Program increase - ASW research		5,000
23	WARFIGHTER PROTECTION ADVANCED TECHNOLOGY	4,760	40,460
	Program increase - bone marrow registry program		31,500
	Program increase - tactical athlete program		4,200
27	AIR/OCEAN TACTICAL APPLICATIONS	42,246	39,246
	Precision time and astrometry program excess growth		-3,000
30	AIRCRAFT SYSTEMS	74	10,074
	Program increase		10,000
31	ASW SYSTEMS DEVELOPMENT	7,964	6,964
	Excess government engineering support		-1,000
34	SURFACE AND SHALLOW WATER MINE COUNTERMEASURES	168,040	160,040
	Unmanned surface vehicle milestone slip		-4,000
	Fiscal year 2013 delayed new start for large displacement unmanned undersea vehicle		-4,000
35	SURFACE SHIP TORPEDO DEFENSE	88,649	85,649
	Combat rapid attack weapon unfunded outyear requirement		-3,000
36	CARRIER SYSTEMS DEVELOPMENT	83,902	80,902
	Unjustified classified effort		-3,000
42	ADVANCED SUBMARINE SYSTEM DEVELOPMENT	852,977	850,182
	Test and evaluation support funding ahead of need		-2,795
44	SHIP CONCEPT ADVANCED DESIGN	20,501	17,501
	Program execution		-3,000
45	SHIP PRELIMINARY DESIGN & FEASIBILITY STUDIES	27,052	38,117
	Transfer from National Defense Sealift Fund		11,065
47	ADVANCED SURFACE MACHINERY SYSTEMS	27,154	18,144
	Program execution		-9,010
49	LITTORAL COMBAT SHIP (LCS)	406,389	168,260
	Program execution for project 3096		-34,358
	Transfer to line 49X		-203,771
49X	LITTORAL COMBAT SHIP MISSION PACKAGES	0	203,771
	Transfer from line 49		203,771

R-1		FY 2014 Request	Final Bill
50	COMBAT SYSTEM INTEGRATION	36,570	4,465
	Late level of effort contract awards for project 0164		-18,100
	Late level of effort contract awards for project 3312		-4,000
	Transfer to line 50X for automatic test and retest		-10,005
50X	AUTOMATIC TEST AND RETEST	0	10,005
	Transfer from line 50 for automatic test and retest		10,005
52	MARINE CORPS ASSAULT VEHICLES	136,967	122,967
	Program delay		-14,000
54	JOINT SERVICE EXPLOSIVE ORDNANCE DEVELOPMENT	38,422	35,023
	Program execution for project 0377		-3,399
55	COOPERATIVE ENGAGEMENT	69,312	53,643
	Air and missile defense radar integration		-2,750
	E-2C backfit		-5,419
	Test and evaluation support growth		-2,200
	Common array block antenna contract delay		-5,300
56	OCEAN ENGINEERING TECHNOLOGY DEVELOPMENT	9,196	7,696
	Forward financed		-1,500
60	CHALK CORAL	144,951	124,451
	Program decrease		-20,500
61	NAVY LOGISTIC PRODUCTIVITY	5,797	3,847
	Navy Pal payment system unjustified request		-1,950
63	LINK PLUMERIA	195,189	121,189
	Milestone slip		-4,000
	Milestone slip		-70,000
68	LAND ATTACK TECHNOLOGY	5,075	0
	Fiscal year 2013 delayed new start for advanced minor caliber gun		-5,075
69	NONLETHAL WEAPONS	51,178	49,278
	Program management growth		-1,900
70	JOINT PRECISION APPROACH AND LANDING SYSTEMS	205,615	156,178
	JPALS 1B lead platform integration delay		-20,000
	JPALS 1B follow-on platform integration delay		-10,000
	JPALS increment 2 test and evaluation ahead of need		-7,437
	Program decrease		-12,000
72	TACTICAL AIR DIRECTIONAL INFRARED COUNTERMEASURES	37,227	33,906
	Fiscal year 2013 delayed new start for common infrared countermeasure		-3,321
74	JOINT COUNTER RADIO CONTROLLED IED ELECTRONIC WARFARE	20,874	15,874
	Milestone C delay		-5,000
76	SPACE & ELECTRONIC WARFARE (SEW) ARCHITECTURE/ENGINE	38,327	31,327
	CNO rapid innovation cell program growth		-7,000

R-1		FY 2014 Request	Final Bill
77	**DEVELOPMENT**	**135,985**	**90,985**
	Excess development program growth		-45,000
79	**ASW SYSTEMS DEVELOPMENT - MIP**	**8,448**	**4,908**
	Fiscal year 2013 delayed new start for navy underwater acoustic multiple sonobouy		-3,540
81	**OTHER HELO DEVELOPMENT**	**40,558**	**25,458**
	MH-60S avionics development and integration rephasing		-2,000
	MH-XX development engineering support ahead of need		-1,500
	Program decrease		-11,600
82	**AV-8B AIRCRAFT - ENG DEV**	**35,825**	**33,325**
	Readiness management plan ECP program growth		-2,500
83	**STANDARDS DEVELOPMENT**	**99,891**	**68,530**
	CNS/ATM development program growth		-10,000
	Avionics component improvement program growth		-2,500
	Unjustified program growth		-9,861
	Excess support for project 0572		-9,000
86	**P-3 MODERNIZATION PROGRAM**	**1,791**	**791**
	Program in retirement phase		-1,000
87	**WARFARE SUPPORT SYSTEM**	**11,725**	**9,725**
	Combatant craft replacement program growth		-1,000
	Program execution		-1,000
88	**TACTICAL COMMAND SYSTEM**	**68,463**	**63,463**
	Maritime tactical command control program in-house growth		-5,000
89	**ADVANCED HAWKEYE**	**152,041**	**107,041**
	Undefined follow-on development		-28,000
	Program decrease		-17,000
91	**ACOUSTIC SEARCH SENSORS**	**30,208**	**29,208**
	Management services growth		-1,000
93	**AIR CREW SYSTEMS DEVELOPMENT**	**11,401**	**9,151**
	Crew systems development growth		-1,000
	Aircraft systems development growth		-1,250
97	**NEXT GENERATION JAMMER**	**257,796**	**157,796**
	Program execution		-100,000
99	**SURFACE COMBATANT COMBAT SYSTEM ENGINEERING**	**240,298**	**206,298**
	Excess future combat system development and integration funding		-10,000
	Schedule delay		-24,000
101	**SMALL DIAMETER BOMB (SDB)**	**46,007**	**24,925**
	Small diameter bomb support funding growth		-4,000
	Joint miniature munitions bomb rack government support funding carryover		-4,082
	Program decrease		-13,000
102	**STANDARD MISSILE IMPROVEMENTS**	**75,592**	**67,092**
	SM-6 future capability demonstration ramp		-8,500

R-1	FY 2014 Request	Final Bill
103 AIRBORNE MCM	**117,854**	**109,354**
AN/AQS-24 test and evaluation ahead of need		-3,000
AN/AQS-24 excess support funding		-2,000
Excess AMNS support		-3,500
106 FUTURE UNMANNED CARRIER-BASED STRIKE SYSTEM	**146,683**	**121,683**
Program execution		-25,000
107 ADVANCED ABOVE WATER SENSORS	**275,871**	**157,871**
Air and missile defense radar contract delay		-115,000
Dual band radar government engineering services growth		-3,000
108 SSN-688 AND TRIDENT MODERNIZATION	**89,672**	**85,735**
Submarine HDR antenna delay		-3,937
109 AIR CONTROL	**13,754**	**10,754**
AN/SPN-43C delay		-3,000
114 SHIP CONTRACT DESIGN/LIVE FIRE T&E	**155,254**	**187,421**
Energy initiative program delay		-15,333
Excess ship to shore connector support funding		-2,500
Increased LHA design efforts		50,000
119 PERSONNEL, TRAINING, SIMULATION, AND HUMAN FACTORS	**6,233**	**4,233**
Prior year carryover		-2,000
121 SHIP SELF DEFENSE (DETECT & CONTROL)	**130,360**	**95,610**
Ship self defense MK-2 system development ACB/TI growth		-10,750
Non-lethal weapons development program growth		-4,000
Program decrease		-20,000
122 SHIP SELF DEFENSE (ENGAGE: HARD KILL)	**50,209**	**43,309**
NATO Seasparrow objective configuration delay		-6,900
123 SHIP SELF DEFENSE (ENGAGE: SOFT KILL/EW)	**164,799**	**114,799**
SEWIP block 3 program delay		-50,000
125 MEDICAL DEVELOPMENT	**9,458**	**28,458**
Program increase - wound care research		13,000
Program increase - military dental research		6,000
126 NAVIGATION/ID SYSTEM	**51,430**	**47,430**
ISIS and photonics development and obsolescence program carryover		-4,000
127 JOINT STRIKE FIGHTER (JSF) - EMD	**512,631**	**415,727**
F-35B follow-on development ahead of need		-14,904
F-135 propulsion system cost growth		-10,000
Block 4 capabilities development document planning only		1,500
Program decrease		-73,500
128 JOINT STRIKE FIGHTER (JSF)	**534,187**	**440,745**
F-35B follow-on development ahead of need		-11,442
F-135 propulsion system cost growth		-10,000
Block 4 capabilities development document planning only		1,500
Program decrease		-73,500

R-1	FY 2014 Request	Final Bill
130 INFORMATION TECHNOLOGY DEVELOPMENT	**69,659**	**47,823**
Unjustified request		-6,836
Program decrease		-15,000
132 CH-53K	**503,180**	**462,280**
Management support growth		-9,000
Development test delay		-31,900
133 JOINT AIR-TO-GROUND MISSILE (JAGM)	**5,500**	**0**
Program termination		-5,500
134 MULTI-MISSION MARITIME AIRCRAFT (MMA)	**317,358**	**272,358**
Program increase - sensor development		5,000
Concurrency and spiral 2 development delay		-50,000
147 MANAGEMENT, TECHNICAL & INTERNATIONAL SUPPORT	**76,585**	**83,585**
Printed circuit board executive agent - funds previous NDAA mandate		7,000
151 TEST AND EVALUATION SUPPORT	**331,219**	**301,219**
Efficiency savings for implementing automated test and analysis technologies		-30,000
163 CARRIER ONBOARD DELIVERY FOLLOW ON	**2,460**	**1,230**
Fiscal year 2013 delayed new start for carrier onboard delivery follow-on		-1,230
164 STRIKE WEAPONS DEVELOPMENT	**9,757**	**13,757**
F/A-18 missile flight testing		4,000
169 RAPID TECHNOLOGY TRANSITION (RTT)	**13,561**	**8,561**
Program growth		-5,000
170 F/A-18 SQUADRONS	**131,118**	**112,618**
Excess small diameter bomb integration support		-6,500
Program decrease		-12,000
172 FLEET TELECOMMUNICATIONS (TACTICAL)	**46,155**	**23,439**
Battle force tactical network ahead of need		-2,777
Joint aerial layer network - maritime program delay		-19,939
176 AMPHIBIOUS TACTICAL SUPPORT UNITS	**7,240**	**4,382**
Technology investigation unfunded outyear requirement		-300
Forward financed		-2,558
178 CONSOLIDATED TRAINING SYSTEMS DEVELOPMENT	**45,124**	**39,124**
Tactical combat training system/large area tracking range replacement program delay		-6,000
182 TACTICAL DATA LINKS	**197,538**	**169,886**
ATDLS support funding growth		-3,600
Fiscal year 2013 delayed new start for network tactical common data link		-4,052
Program decrease		-20,000
184 MK-48 ADCAP	**12,806**	**10,106**
Test and evaluation award slip		-2,700

R-1		FY 2014 Request	Final Bill
185	**AVIATION IMPROVEMENTS**	**88,607**	**78,608**
	F-135 engine improvement plan lack of definition		-9,104
	Fiscal year 2013 delayed new start for carrier/amphibious assault ship crash crane		-895
188	**MARINE CORPS COMMUNICATIONS SYSTEMS**	**178,753**	**161,053**
	CREW program management growth		-1,600
	Program decrease		-16,100
189	**MARINE CORPS GROUND COMBAT/SUPPORTING ARMS SYSTEMS**	**139,594**	**116,064**
	Fiscal year 2013 delayed new start for disable point target		-655
	Marine Personnel Carrier program delay		-20,875
	Assault Ampibious Vehicle schedule slip		-2,000
190	**MARINE CORPS COMBAT SERVICES SUPPORT**	**42,647**	**35,647**
	Prior year carryover		-7,000
191	**USMC INTELLIGENCE/ELECTRONIC WARFARE SYSTEMS (MIP)**	**34,394**	**33,394**
	CESAS program management support		-1,000
192	**TACTICAL AIM MISSILES**	**39,159**	**15,453**
	Fiscal year 2013 delayed new start for AIM-9X block III		-23,706
212	**DISTRIBUTED COMMON GROUND SYSTEMS/SURFACE SYSTEMS**	**19,718**	**17,718**
	Excess support funding		-2,000
214	**MQ-8 UAV**	**48,713**	**41,713**
	Program decrease		-7,000
215	**RQ-11 UAV**	**102**	**0**
	Properly funded in sustainment		-102
	CLASSIFIED PROGRAMS	**1,185,132**	**1,385,048**
	Classified adjustment		199,916

BONE MARROW REGISTRY

The agreement provides $31,500,000 for the Department of the Navy to be administered by the Bone Marrow Registry, also known as and referred to within the Naval Medical Research Center as the C.W. Bill Young Marrow Donor Recruitment and Research Program. Funds appropriated for the Bone Marrow Registry shall remain available only for the purposes for which they are appropriated and may only be obligated for the Bone Marrow Registry. This Department of Defense donor center has recruited more than 750,000 Department of Defense volunteers and provides more marrow donors per week than any other donor center in the nation. More than 5,600 servicemembers and other Department volunteers from this donor center have provided marrow to save the lives of patients. The success of this national and international life-saving program for military and civilian patients, which now includes more than 11,000,000 potential volunteer donors, is admirable. Further, the agencies involved in contingency planning are encouraged to continue to include the Bone Marrow Registry in the development and testing of their contingency plans. The Secretary of Defense shall show this as a congressional interest item on the DD Form 1414 (Base for Reprogramming). The Secretary of Defense is further directed to release all the funds appropriated for this purpose to the Bone Marrow Registry not later than 60 days after the enactment of this Act.

NEXT GENERATION JAMMER

Senate Report 112–196 directed the Government Accountability Office (GAO) to conduct a review of the Next Generation Jammer (NGJ) program to determine if there are redundancies across the Services and to assess whether this effort should become a joint Service solution. The agreement concurs with the following GAO recommendations: the Secretary of Defense should require the NGJ capabilities development document to consider potential redundancies between the NGJ program and existing and proposed programs across all of the planned roles and to ensure that the Electronic Warfare Strategy report to Congress includes information on potentially overlapping capabilities. In addition, the GAO recently upheld the technology development bid protest highlighting four recommendations, and the agreement directs that all four recommendations be implemented. Due to the fact that the Navy is limiting competition early in the NGJ acquisition program, the Navy should acquire the necessary technical data rights and allow for an open systems architecture approach that would facilitate continued competition for the remainder of the NGJ acquisition program. As a result of the bid protest being upheld and a six month program delay, the agreement reduces the NGJ program by $100,000,000.

VIRGINIA PAYLOAD MODULE

The fiscal year 2014 budget request for the Virginia Payload Module (VPM) is $59,000,000. The agreement fully funds the budget request; however, concerns remain over increasing the Virginia-class submarine size to accommodate a 93.7 foot module in the submarine's center. The module's requirements are not defined, which likely will result in instability to a proven submarine design, disrupt a stable production line, and add significant cost to the current estimates. These concerns are raised due to a history of cost growth on previous submarine development efforts. For instance, in 1999, the Navy began designing the conversion of four SSBN submarines to SSGN configurations with the initial cost estimates for a four-boat program of $2,400,000,000. By the time these submarines were converted, the cost was $4,000,000,000, or an increase of 66 percent above the initial estimates. Similarly, when the Navy modified SSN–23, it increased the submarine's cost by $887,000,000 for a total of $3,300,000,000 for one submarine.

The Department of the Navy recently received Joint Requirements Oversight Committee approval of the capabilities development document for the VPM. The document includes two additional key performance parameters for controlling costs: the non-recurring engineering cost to design the modification is limited to $800,000,000 in constant fiscal year 2010 dollars for development, and the production cost is limited to $475,000,000 for the lead ship and $350,000,000 for the follow-on ships. The Navy is directed not to exceed these cost thresholds.

The Secretary of the Navy shall create a separate budget line item to enable additional congressional oversight and increase transparency into the costs of VPM. Furthermore, the Secretary shall submit a bi-annual report to the congressional defense committees describing the actions the Navy is taking to minimize costs. The agreement fences $20,000,000 until the first bi-annual report is provided to the congressional defense committees.

NAVY SCIENCE, TECHNOLOGY, ENGINEERING, AND MATHEMATICS PROGRAM

The agreement encourages the Office of Naval Research (ONR) to support America's Ocean Exploration Program as recommended by the Presidential Commission on Ocean Policy, which includes the development of advanced remotely controlled and autonomously operated vehicles down to 6,000 meters as well as telepresence technology. Additionally, the Secretary of the Navy is encouraged to expand the Navy's Science, Technology, Engineering, and Mathematics (STEM) Educational Outreach program to include the United States Naval Academy, thereby providing opportunities for midshipmen to participate in America's Exploration Program and serve as role models for ONR's STEM Program.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, AIR FORCE

The agreement on items addressed by either the House or the Senate is as follows:

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE		
	BASIC RESEARCH		
1	DEFENSE RESEARCH SCIENCES	373,151	373,151
2	UNIVERSITY RESEARCH INITIATIVES	138,333	138,333
3	HIGH ENERGY LASER RESEARCH INITIATIVES	13,286	13,286
	TOTAL, BASIC RESEARCH	524,770	524,770
	APPLIED RESEARCH		
4	MATERIALS	116,846	120,846
5	AEROSPACE VEHICLE TECHNOLOGIES	119,672	119,672
6	HUMAN EFFECTIVENESS APPLIED RESEARCH	89,483	104,483
7	AEROSPACE PROPULSION	197,546	197,546
8	AEROSPACE SENSORS	127,539	127,539
9	SPACE TECHNOLOGY	104,063	104,063
10	CONVENTIONAL MUNITIONS	81,521	81,521
11	DIRECTED ENERGY TECHNOLOGY	112,845	112,845
12	DOMINANT INFORMATION SCIENCES AND METHODS	138,161	138,161
13	HIGH ENERGY LASER RESEARCH	40,217	40,217
	TOTAL, APPLIED RESEARCH	1,127,893	1,146,893
	ADVANCED TECHNOLOGY DEVELOPMENT		
14	ADVANCED MATERIALS FOR WEAPON SYSTEMS	39,572	54,572
15	SUSTAINMENT SCIENCE AND TECHNOLOGY (S&T)	12,800	12,800
16	ADVANCED AEROSPACE SENSORS	30,579	30,579
17	AEROSPACE TECHNOLOGY DEV/DEMO	77,347	77,347
18	AEROSPACE PROPULSION AND POWER TECHNOLOGY	149,321	159,321
19	ELECTRONIC COMBAT TECHNOLOGY	49,128	43,428
20	ADVANCED SPACECRAFT TECHNOLOGY	68,071	68,071
21	MAUI SPACE SURVEILLANCE SYSTEM (MSSS)	26,299	26,299
22	HUMAN EFFECTIVENESS ADVANCED TECHNOLOGY DEVELOPMENT	20,967	20,967
23	CONVENTIONAL WEAPONS TECHNOLOGY	33,996	33,996
24	ADVANCED WEAPONS TECHNOLOGY	19,000	19,000
25	MANUFACTURING TECHNOLOGY PROGRAM	41,353	41,353
26	BATTLESPACE KNOWLEDGE DEVELOPMENT & DEMONSTRATION	49,093	49,093
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	617,526	636,826

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ADVANCED COMPONENT DEVELOPMENT		
28	INTELLIGENCE ADVANCED DEVELOPMENT	3,983	3,983
29	PHYSICAL SECURITY EQUIPMENT	3,874	3,874
32	SPACE CONTROL TECHNOLOGY	27,024	23,024
33	COMBAT IDENTIFICATION TECHNOLOGY	15,899	13,411
34	NATO RESEARCH AND DEVELOPMENT	4,568	4,568
35	INTERNATIONAL SPACE COOPERATIVE R&D	379	379
36	SPACE PROTECTION PROGRAM (SPP)	28,764	24,764
38	INTERCONTINENTAL BALLISTIC MISSILE	86,737	72,766
40	POLLUTION PREVENTION (DEM/VAL)	953	953
42	NEXT GENERATION BOMBER	379,437	359,437
44	TECHNOLOGY TRANSFER	2,606	2,606
45	HARD AND DEEPLY BURIED TARGET DEFEAT SYSTEM	103	103
47	REQUIREMENTS ANALYSIS AND MATURATION	16,018	11,993
49	AIR AND SPACE OPS CENTER	58,861	58,861
50	JOINT DIRECT ATTACK MUNITION	2,500	2,500
51	GROUND ATTACK WEAPONS FUZE DEVELOPMENT	21,175	17,764
52	OPERATIONALLY RESPONSIVE SPACE	---	10,000
53	TECH TRANSITION PROGRAM	13,636	38,636
54	SERVICE SUPPORT TO STRATCOM - SPACE ACTIVITIES	2,799	2,799
55	THREE DIMENSIONAL LONG-RANGE RADAR	70,160	54,427
56	NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT)	137,233	127,233
	TOTAL, ADVANCED COMPONENT DEVELOPMENT	876,709	834,081

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ENGINEERING & MANUFACTURING DEVELOPMENT		
58	INTELLIGENCE ADVANCED DEVELOPMENT	977	977
61	SPECIALIZED UNDERGRADUATE FLIGHT TRAINING	3,601	3,601
62	ELECTRONIC WARFARE DEVELOPMENT	1,971	1,971
64	TACTICAL DATA NETWORKS ENTERPRISE	51,456	43,168
65	PHYSICAL SECURITY EQUIPMENT	50	---
66	SMALL DIAMETER BOMB (SDB)	115,000	113,351
67	COUNTERSPACE SYSTEMS	23,930	22,730
68	SPACE SITUATION AWARENESS SYSTEMS	400,258	315,032
69	AIRBORNE ELECTRONIC ATTACK	4,575	4,575
70	SPACE BASED INFRARED SYSTEM (SBIRS) HIGH EMD	352,532	322,832
71	ARMAMENT/ORDNANCE DEVELOPMENT	16,284	13,661
72	SUBMUNITIONS	2,564	2,564
73	AGILE COMBAT SUPPORT	17,036	17,036
74	LIFE SUPPORT SYSTEMS	7,273	7,273
75	COMBAT TRAINING RANGES	33,200	25,300
78	JOINT STRIKE FIGHTER (JSF)	816,335	628,535
79	INTERCONTINENTAL BALLISTIC MISSILE	145,442	112,760
80	EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)	27,963	24,963
81	LONG RANGE STANDOFF WEAPON	5,000	5,000
82	ICBM FUZE MODERNIZATION	129,411	118,411
83	F-22 MODERNIZATION INCREMENT 3.2B	131,100	115,000
84	NEXT GENERATION AERIAL REFUELING AIRCRAFT	1,558,590	1,558,590
85	CSAR HH-60 RECAPITALIZATION	393,558	333,558
86	HC/MC-130 RECAP RDT&E	6,242	2,611
87	ADVANCED EHF MILSATCOM (SPACE)	272,872	265,872
88	POLAR MILSATCOM (SPACE)	124,805	104,805
89	WIDEBAND GLOBAL SATCOM (SPACE)	13,948	12,553
90	B-2 DEFENSIVE MANAGEMENT SYSTEM	303,500	257,500

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
91	NUCLEAR WEAPONS MODERNIZATION	67,874	33,000
94	FULL COMBAT MISSION TRAINING	4,663	4,663
97	CV-22	46,705	46,705
	TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT	5,078,715	4,518,597
	RDT&E MANAGEMENT SUPPORT		
99	THREAT SIMULATOR DEVELOPMENT	17,690	14,841
100	MAJOR T&E INVESTMENT	34,841	32,341
101	RAND PROJECT AIR FORCE	32,956	32,956
103	INITIAL OPERATIONAL TEST & EVALUATION	13,610	10,572
104	TEST AND EVALUATION SUPPORT	742,658	722,658
105	ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)	14,203	12,783
106	SPACE TEST PROGRAM (STP)	13,000	11,700
107	FACILITIES RESTORATION & MODERNIZATION - TEST & EVAL	44,160	44,160
108	FACILITIES SUSTAINMENT - TEST AND EVALUATION SUPPORT	27,643	27,643
109	MULTI-SERVICE SYSTEMS ENGINEERING INITIATIVE	13,935	6,935
110	SPACE AND MISSILE CENTER (SMC) CIVILIAN WORKFORCE	192,348	172,975
111	ACQUISITION AND MANAGEMENT SUPPORT	28,647	21,221
112	GENERAL SKILL TRAINING	315	315
114	INTERNATIONAL ACTIVITIES	3,785	3,785
	TOTAL, RDT&E MANAGEMENT SUPPORT	1,179,791	1,114,885

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
OPERATIONAL SYSTEMS DEVELOPMENT		
115 GPS III - OPERATIONAL CONTROL SEGMENT	383,500	373,500
117 WIDE AREA SURVEILLANCE	5,000	5,000
118 AIR FORCE INTEGRATED MILITARY HUMAN RESOURCES SYSTEM	90,097	34,097
119 ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY	32,086	26,541
121 B-52 SQUADRONS	24,007	17,007
122 AIR-LAUNCHED CRUISE MISSILE (ALCM)	450	450
123 B-1B SQUADRONS	19,589	12,774
124 B-2 SQUADRONS	100,194	87,810
125 STRAT WAR PLANNING SYSTEM - USSTRATCOM	37,448	31,416
128 REGION/SECTOR OPERATION CONTROL CENTER MODERNIZATION	1,700	1,700
130 WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRAN	3,844	---
131 MQ-9 UAV	128,328	107,658
133 A-10 SQUADRONS	9,614	9,614
134 F-16 SQUADRONS	177,298	112,667
135 F-15E SQUADRONS	244,289	234,289
136 MANNED DESTRUCTIVE SUPPRESSION	13,138	11,022
137 F-22 SQUADRONS	328,542	274,448
138 F-35 SQUADRONS	33,000	3,000
139 TACTICAL AIM MISSILES	15,460	12,760
140 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	84,172	70,614
142 COMBAT RESCUE AND RECOVERY	2,582	2,582
143 COMBAT RESCUE - PARARESCUE	542	542
144 AF TENCAP	89,816	89,816
145 PRECISION ATTACK SYSTEMS PROCUREMENT	1,075	2,000
146 COMPASS CALL	10,782	10,782
147 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	139,369	89,369

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
149 JOINT AIR-TO-SURFACE STANDOFF MISSILE (JASSM)	6,373	6,373
150 AIR AND SPACE OPERATIONS CENTER (AOC)	22,820	22,820
151 CONTROL AND REPORTING CENTER (CRC)	7,029	7,029
152 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	186,256	148,369
153 TACTICAL AIRBORNE CONTROL SYSTEMS	743	743
156 COMBAT AIR INTELLIGENCE SYSTEM ACTIVITIES	4,471	4,471
158 TACTICAL AIR CONTROL PARTY--MOD	10,250	10,250
159 C2ISR TACTICAL DATA LINK	1,431	1,431
160 COMMAND AND CONTROL (C2) CONSTELLATION	7,329	7,329
161 DCAPES	15,081	10,135
162 JOINT SURVEILLANCE AND TARGET ATTACK RADAR SYSTEM	13,248	23,148
163 SEEK EAGLE	24,342	22,386
164 USAF MODELING AND SIMULATION	10,448	8,765
165 WARGAMING AND SIMULATION CENTERS	5,512	5,512
166 DISTRIBUTED TRAINING AND EXERCISES	3,301	3,301
167 MISSION PLANNING SYSTEMS	62,605	62,605
169 CYBER COMMAND ACTIVITIES	68,099	38,099
170 AF OFFENSIVE CYBERSPACE OPERATIONS	14,047	14,047
171 AF DEFENSIVE CYBERSPACE OPERATIONS	5,853	5,853
179 SPACE SUPERIORITY INTELLIGENCE	12,197	10,697
180 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	18,267	13,267
181 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	36,288	18,581
182 INFORMATION SYSTEMS SECURITY PROGRAM	90,231	74,924
183 GLOBAL COMBAT SUPPORT SYSTEM	725	725
185 MILSATCOM TERMINALS	140,170	130,170
187 AIRBORNE SIGINT ENTERPRISE	117,110	100,449
190 GLOBAL AIR TRAFFIC MANAGEMENT (GATM)	4,430	4,430
191 CYBER SECURITY INITIATIVE	2,048	2,048
192 DOD CYBER CRIME CENTER	288	288
193 SATELLITE CONTROL NETWORK (SPACE)	35,698	35,698
194 WEATHER SERVICE	24,667	20,694

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
195 AIR TRAFFIC CONTROL, APPROACH, & LANDING SYSTEM (ATC)	35,674	33,174
196 AERIAL TARGETS	21,186	17,773
199 SECURITY AND INVESTIGATIVE ACTIVITIES	195	195
200 ARMS CONTROL IMPLEMENTATION	1,430	1,430
201 DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES	330	10
206 SPACE AND MISSILE TEST AND EVALUATION CENTER	3,696	3,696
207 SPACE WARFARE CENTER	2,469	2,469
208 INTEGRATED BROADCAST SERVICE	8,289	6,954
209 SPACELIFT RANGE SYSTEM (SPACE)	13,345	12,345
211 DRAGON U-2	18,700	13,700
212 ENDURANCE UNMANNED AERIAL VEHICLES	3,000	1,000
213 AIRBORNE RECONNAISSANCE SYSTEMS	37,828	47,828
214 MANNED RECONNAISSANCE SYSTEMS	13,491	13,491
215 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	7,498	6,498
216 PREDATOR UAV (JMIP)	3,326	785
217 RQ-4 UAV	134,406	120,406
218 NETWORK-CENTRIC COLLABORATIVE TARGET (TIARA)	7,413	7,413
219 COMMON DATA LINK (CDL)	40,503	33,979
220 NATO AGS	264,134	221,589
221 SUPPORT TO DCGS ENTERPRISE	23,016	19,309
222 GPS III SPACE SEGMENT	221,276	201,276
223 JSPOC MISSION SYSTEM	58,523	56,523
224 RAPID CYBER ACQUISITION	2,218	2,218
226 NUDET DETECTION SYSTEM (SPACE)	50,547	42,547
227 SPACE SITUATION AWARENESS OPERATIONS	18,807	12,807
229 SHARED EARLY WARNING (SEW)	1,079	1,079
230 C-130 AIRLIFT SQUADRON	400	47,700
231 C-5 AIRLIFT SQUADRONS	61,492	48,645
232 C-17 AIRCRAFT	109,134	97,134
233 C-130J PROGRAM	22,443	22,443

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
234 LARGE AIRCRAFT IR COUNTERMEASURES (LAIRCM)	4,116	4,116
238 OPERATIONAL SUPPORT AIRLIFT	44,553	38,538
239 SPECIAL TACTICS / COMBAT CONTROL	6,213	6,213
240 DEPOT MAINTENANCE (NON-IF)	1,605	1,605
242 LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	95,238	60,478
243 SUPPORT SYSTEMS DEVELOPMENT	10,925	20,925
244 OTHER FLIGHT TRAINING	1,347	1,347
245 OTHER PERSONNEL ACTIVITIES	65	65
246 JOINT PERSONNEL RECOVERY AGENCY	1,083	1,083
247 CIVILIAN COMPENSATION PROGRAM	1,577	1,577
248 PERSONNEL ADMINISTRATION	5,990	5,990
249 AIR FORCE STUDIES AND ANALYSIS AGENCY	786	786
250 FACILITIES OPERATION--ADMINISTRATION	654	654
251 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	135,735	108,423
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	4,423,014	3,784,311
CLASSIFIED PROGRAMS	11,874,528	11,024,929
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, AIR FORCE	25,702,946	23,585,292

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		FY 2014 Request	Final Bill
4	**MATERIALS**	**116,846**	**120,846**
	Nanotechnology research		4,000
6	**HUMAN EFFECTIVENESS APPLIED RESEARCH**	**89,483**	**104,483**
	Program increase		15,000
14	**ADVANCED MATERIALS FOR WEAPON SYSTEMS**	**39,572**	**54,572**
	Materials research and technology		10,000
	Metals affordability research		5,000
18	**AEROSPACE PROPULSION AND POWER TECHNOLOGY**	**149,321**	**159,321**
	Silicon carbide research		10,000
19	**ELECTRONIC COMBAT TECHNOLOGY**	**49,128**	**43,428**
	Delayed program start		-5,700
32	**SPACE CONTROL TECHNOLOGY**	**27,024**	**23,024**
	Hold to fiscal year 2013 level		-4,000
33	**COMBAT IDENTIFICATION TECHNOLOGY**	**15,899**	**13,411**
	Program decrease		-2,488
36	**SPACE PROTECTION PROGRAM (SPP)**	**28,764**	**24,764**
	SATCOM resiliency new start/slow execution for threat mitigation		-4,000
38	**ICBM - DEM/VAL**	**86,737**	**72,766**
	Program decrease		-13,971
42	**LONG RANGE STRIKE - BOMBER**	**379,437**	**359,437**
	Program decrease		-20,000
47	**REQUIREMENTS ANALYSIS AND MATURATION**	**16,018**	**11,993**
	Program decrease		-4,025
51	**GROUND ATTACK WEAPONS FUZE DEVELOPMENT**	**21,175**	**17,764**
	Program decrease		-3,411
52	**OPERATIONALLY RESPONSIVE SPACE**	**0**	**10,000**
	Authorization adjustment		10,000
53	**TECH TRANSITION PROGRAM**	**13,636**	**38,636**
	Alternative energy research		25,000
55	**THREE DIMENSIONAL LONG RANGE RADAR (3DELRR)**	**70,160**	**54,427**
	Program delay		-11,000
	Program decrease		-4,733
56	**NAVSTAR GLOBAL POSITIONING SYSTEM (USER EQUIPMENT) (SPACE)**	**137,233**	**127,233**
	Management services excess growth		-10,000
64	**TACTICAL DATA NETWORKS ENTERPRISE**	**51,456**	**43,168**
	5th to 4th Generation Gateway program delay		-1,500
	Program decrease		-6,788

R-1		FY 2014 Request	Final Bill
65	**PHYSICAL SECURITY EQUIPMENT**	**50**	**0**
	Unobligated prior year funds		-50
66	**SMALL DIAMETER BOMB (SDB)**	**115,000**	**113,351**
	Program decrease		-1,649
67	**COUNTERSPACE SYSTEMS**	**23,930**	**22,730**
	Program decrease		-1,200
68	**SPACE SITUATION AWARENESS SYSTEMS**	**400,258**	**315,032**
	One year schedule delay		-85,226
70	**SPACE BASED INFRARED SYSTEM (SBIRS) HIGH**	**352,532**	**322,832**
	Program decrease		-29,700
71	**ARMAMENT/ORDNANCE DEVELOPMENT**	**16,284**	**13,661**
	Program decrease		-2,623
75	**COMBAT TRAINING RANGES**	**33,200**	**25,300**
	Advanced Radar Threat System Development - late contract award		-7,900
78	**F-35**	**816,335**	**628,535**
	Deployability and Suitability Enhancements delay		-17,800
	F-135 propulsion system cost growth		-20,000
	Program decrease for forward financing		-150,000
79	**ICBM - EMD**	**145,442**	**112,760**
	Transporter Erector Replacement excess funds		-5,000
	Program decrease		-27,682
80	**EVOLVED EXPENDABLE LAUNCH VEHICLE PROGRAM (SPACE)**	**27,963**	**24,963**
	Hold support costs to fiscal year 2013 level, dual launch		-3,000
82	**ICBM FUZE MODERNIZATION**	**129,411**	**118,411**
	Support cost excess growth		-11,000
83	**F-22 MODERNIZATION INCREMENT 3.2B**	**131,100**	**115,000**
	Execution delays		-13,100
	Program decrease		-3,000
85	**COMBAT RESCUE HELICOPTER**	**393,558**	**333,558**
	Program delays/projected savings pending updated program estimate		-60,000
86	**HC/MC-130 RECAP**	**6,242**	**2,611**
	Program decrease		-3,631
87	**ADVANCED EHF MILSATCOM (SPACE)**	**272,872**	**265,872**
	Ahead of need/excess growth in hosted payload and business operations support		-7,000
88	**POLAR MILSATCOM (SPACE)**	**124,805**	**104,805**
	Unjustified increase		-20,000
89	**WIDEBAND GLOBAL SATCOM (SPACE)**	**13,948**	**12,553**
	Program decrease		-1,395
90	**B-2 DEFENSIVE MANAGEMENT SYSTEM**	**303,500**	**257,500**
	Rapid Acquisition Initiative savings		-46,000

R-1		FY 2014 Request	Final Bill
91	**NUCLEAR WEAPONS MODERNIZATION**	**67,874**	**33,000**
	B61 Life Extension Program		-34,874
99	**THREAT SIMULATOR DEVELOPMENT**	**17,690**	**14,841**
	Program decrease		-2,849
100	**MAJOR T&E INVESTMENT**	**34,841**	**32,341**
	Program decrease		-2,500
103	**INITIAL OPERATIONAL TEST & EVALUATION**	**13,610**	**10,572**
	Reduction for historic underexecution		-3,038
104	**TEST AND EVALUATION SUPPORT**	**742,658**	**722,658**
	Program decrease		-20,000
105	**ROCKET SYSTEMS LAUNCH PROGRAM (SPACE)**	**14,203**	**12,783**
	Program decrease		-1,420
106	**SPACE TEST PROGRAM (STP)**	**13,000**	**11,700**
	Program decrease		-1,300
109	**MULTI-SERVICE SYSTEMS ENGINEERING INITIATIVE**	**13,935**	**6,935**
	Program decrease		-7,000
110	**SPACE AND MISSILE CENTER CIVILIAN WORKFORCE**	**192,348**	**172,975**
	Excess to need		-19,373
111	**ACQUISITION AND MANAGEMENT SUPPORT**	**28,647**	**21,221**
	Program decrease		-7,426
115	**GLOBAL POSITIONING SYSTEM III - OPERATIONAL CONTROL SEGMENT**	**383,500**	**373,500**
	Program decrease		-10,000
118	**AF INTEGRATED PERSONNEL AND PAY SYSTEM (AF-IPPS)**	**90,097**	**34,097**
	Fiscal year 2012 funds available for development		-56,000
119	**ANTI-TAMPER TECHNOLOGY EXECUTIVE AGENCY**	**32,086**	**26,541**
	Forward financing		-5,545
121	**B-52 SQUADRONS**	**24,007**	**17,007**
	1760 Internal Weapons Bay Upgrade - flight test delay		-3,000
	Program decrease		-4,000
123	**B-1B SQUADRONS**	**19,589**	**12,774**
	Program decrease		-6,815
124	**B-2 SQUADRONS**	**100,194**	**87,810**
	Common VLF receiver increment 1 contract delay		-12,384
125	**STRAT WAR PLANNING SYSTEMS - USSTRATCOM**	**37,448**	**31,416**
	Program decrease		-6,032
130	**WARFIGHTER RAPID ACQUISITION PROCESS (WRAP) RAPID TRA**	**3,844**	**0**
	Program decrease		-3,844
131	**MQ-9 UAV**	**128,328**	**107,658**
	Forward financing		-20,670

R-1	FY 2014 Request	Final Bill
134 F-16 SQUADRONS	**177,298**	**112,667**
CAPES execution delays		-10,000
Program decrease		-54,631
135 F-15E SQUADRONS	**244,289**	**234,289**
EPAWSS contract delays		-10,000
136 MANNED DESTRUCTIVE SUPPRESSION	**13,138**	**11,022**
Program decrease		-2,116
137 F-22A SQUADRONS	**328,542**	**274,448**
Program decrease		-54,094
138 F-35 SQUADRONS	**33,000**	**3,000**
Block 4 ahead of need		-23,000
B61 - no approved Capabilities Development Document		-10,000
Block 4 CDD planning only		3,000
139 TACTICAL AIM MISSILES	**15,460**	**12,760**
Forward financing		-2,700
140 ADVANCED MEDIUM RANGE AIR-TO-AIR MISSILE (AMRAAM)	**84,172**	**70,614**
Program decrease		-13,558
145 PRECISION ATTACK SYSTEMS PROCUREMENT	**1,075**	**2,000**
Forward financing		-1,075
Air National Guard shortfall - Sniper Digital Video		2,000
147 AIRCRAFT ENGINE COMPONENT IMPROVEMENT PROGRAM	**139,369**	**89,369**
Program decrease		-50,000
152 AIRBORNE WARNING AND CONTROL SYSTEM (AWACS)	**186,256**	**148,369**
Electronic Protection delays		-9,400
Program decrease		-28,487
161 DCAPES	**15,081**	**10,135**
Program decrease		-4,946
162 JOINT SURVEILLANCE/TARGET ATTACK RADAR SYSTEM (JSTAF	**13,248**	**23,148**
Retain T-3 test aircraft		9,900
163 SEEK EAGLE	**24,342**	**22,386**
Program decrease		-1,956
164 USAF MODELING AND SIMULATION	**10,448**	**8,765**
Program decrease		-1,683
169 CYBER COMMAND ACTIVITIES	**68,099**	**38,099**
Forward financing		-30,000
179 SPACE SUPERIORITY INTELLIGENCE	**12,197**	**10,697**
Hold to fiscal year 2013 level		-1,500
180 E-4B NATIONAL AIRBORNE OPERATIONS CENTER (NAOC)	**18,267**	**13,267**
Low Frequency Transmit System funds early to need		-5,000

R-1		FY 2014 Request	Final Bill
181	**MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK (MEECN)**	**36,288**	**18,581**
	GASNT program delays		-17,707
182	**INFORMATION SYSTEMS SECURITY PROGRAM**	**90,231**	**74,924**
	Concept refinement		-3,900
	Authorization adjustment - ASACoE program		10,000
	Program decrease		-21,407
185	**MILSATCOM TERMINALS**	**140,170**	**130,170**
	FAB-T		-10,000
187	**AIRBORNE SIGINT ENTERPRISE**	**117,110**	**100,449**
	Program decrease		-16,661
194	**WEATHER SERVICE**	**24,667**	**20,694**
	Program decrease		-3,973
195	**AIR TRAFFIC CONTROL, APPROACH AND LANDING SYSTEM (ATCALS)**	**35,674**	**33,174**
	D-RAPCON engineering and manufacturing development contract delay		-6,000
	Air National Guard shortfall - Remotely Piloted Aircraft Ground Based Sense and Avoid		3,500
196	**AERIAL TARGETS**	**21,186**	**17,773**
	Program decrease		-3,413
201	**DEFENSE JOINT COUNTERINTELLIGENCE ACTIVITIES**	**330**	**10**
	Maintaining program affordability		-320
208	**INTEGRATED BROADCAST SERVICE**	**8,289**	**6,954**
	Program decrease		-1,335
209	**SPACELIFT RANGE SYSTEM (SPACE)**	**13,345**	**12,345**
	Program decrease		-1,000
211	**DRAGON U-2**	**18,700**	**13,700**
	Program excess		-5,000
212	**ENDURANCE UNMANNED AERIAL VEHICLES**	**3,000**	**1,000**
	Program decrease		-2,000
213	**AIRBORNE RECONNAISSANCE SYSTEMS**	**37,828**	**47,828**
	Authorization adjustment - Blue Devil Replacement WAMI/NVDF		10,000
215	**DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS**	**7,498**	**6,498**
	Inadequate justification		-1,000
216	**MQ-1 PREDATOR A UAV**	**3,326**	**785**
	Program decrease		-2,541
217	**RQ-4 UAV**	**134,406**	**120,406**
	Study for adaptation of U-2 sensors on Block 30		10,000
	Forward financing		-24,000
219	**COMMON DATA LINK (CDL)**	**40,503**	**33,979**
	Program decrease		-6,524

R-1	FY 2014 Request	Final Bill
220 NATO AGS	**264,134**	**221,589**
Program decrease		-42,545
221 SUPPORT TO DCGS ENTERPRISE	**23,016**	**19,309**
Program decrease		-3,707
222 GPS III SPACE SEGMENT	**221,276**	**201,276**
Ahead of need		-20,000
223 JSPOC MISSION SYSTEM	**58,523**	**56,523**
Underexecution		-2,000
226 NUDET DETECTION SYSTEM (SPACE)	**50,547**	**42,547**
Prior year carryover		-8,000
227 SPACE SITUATION AWARENESS OPERATIONS	**18,807**	**12,807**
One year schedule delay		-6,000
230 C-130 AIRLIFT SQUADRONS	**400**	**47,700**
C-130 AMP		47,300
231 C-5 AIRLIFT SQUADRONS	**61,492**	**48,645**
Program decrease		-12,847
232 C-17 AIRCRAFT	**109,134**	**97,134**
Program management administration growth		-3,000
Program decrease		-9,000
238 OPERATIONAL SUPPORT AIRLIFT	**44,553**	**38,538**
Program decrease		-6,015
242 LOGISTICS INFORMATION TECHNOLOGY (LOGIT)	**95,238**	**60,478**
Delay transformational projects		-34,760
243 SUPPORT SYSTEMS DEVELOPMENT	**10,925**	**20,925**
Alternate energy research		10,000
251 FINANCIAL MANAGEMENT INFORMATION SYSTEMS DEVELOPMENT	**135,735**	**108,423**
Program decrease		-27,312
999 CLASSIFIED PROGRAMS	**11,874,528**	**11,024,929**
Classified adjustment		-849,599

COMBAT RESCUE HELICOPTER

The agreement includes $333,558,000 for the Combat Rescue Helicopter (CRH) program and directs that the funds provided shall be considered a congressional special interest item. The CRH will replace the aging fleet of Pave Hawk helicopters that support not only the Air Force but combat missions across all the Services. These helicopters need to be replaced. However, in a period of fiscal austerity, the program must be affordable to ensure that it is not canceled due to insufficient funding in future years. The Air Force must continue to assess its acquisition strategy to find ways to control costs and ensure that the program remains on track to deliver these helicopters to the fleet.

Prior to any decision to terminate the CRH program due to insufficient funding in future years, the Secretary of the Air Force and the Chief of Staff of the Air Force are directed to review the threshold and objective requirements as established in the capability development document and to review alternative acquisition strategies using cost-benefit analysis in order to establish an affordable program. The Secretary of the Air Force is directed to brief the outcome of this review to the congressional defense committees.

HARD TARGET MUNITIONS

The Secretary of the Air Force is directed to report to the congressional defense committees on the results of the hard target munitions analysis of alternatives (AoA) not later than 15 days after the AoA is approved and to include in the report a discussion of how the fiscal year 2014 new start efforts for the 5,000-pound Joint Direct Attack Munitions demonstration and the advanced 2,000-pound penetrator demonstration are consistent with the AoA. The agreement provides that the Secretary may obligate and expend funds for these new start efforts prior to completion of the AoA.

HUMAN PERFORMANCE SENSING

The agreement supports Air Force Research Laboratory (AFRL) research into human performance sensing. Accordingly, the agreement encourages AFRL to continue its research into the manufacture of nanobiomaterial sensors.

NATIONAL SECURITY SPACE PROGRAM PLANNING AND EXECUTION

The Director of Cost Assessment and Program Evaluation is directed to submit the report required by House Report 113–113 to the congressional defense committees not later than July 1, 2014.

RESEARCH, DEVELOPMENT, TEST AND EVALUATION, DEFENSE-WIDE

The agreement on items addressed by either the House or the Senate is as follows:

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	RESEARCH, DEVELOPMENT, TEST & EVAL, DEFENSE-WIDE		
	BASIC RESEARCH		
1	DTRA UNIVERSITY STRATEGIC PARTNERSHIP BASIC RESEARCH..	45,837	45,837
2	DEFENSE RESEARCH SCIENCES.....	315,033	315,033
3	BASIC RESEARCH INITIATIVES.....	11,171	11,171
4	BASIC OPERATIONAL MEDICAL RESEARCH SCIENCE.....	49,500	49,500
5	NATIONAL DEFENSE EDUCATION PROGRAM.....	84,271	77,271
6	HISTORICALLY BLACK COLLEGES & UNIV (HBCU).....	30,895	35,895
7	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	51,426	51,426
	TOTAL, BASIC RESEARCH.....	588,133	586,133
	APPLIED RESEARCH		
8	JOINT MUNITIONS TECHNOLOGY.....	20,065	18,065
9	BIOMEDICAL TECHNOLOGY.....	114,790	114,790
11	LINCOLN LABORATORY RESEARCH PROGRAM.....	46,875	41,875
13	APPLIED RESEARCH FOR ADVANCEMENT S&T PRIORITIES.....	45,000	38,000
14	INFORMATION AND COMMUNICATIONS TECHNOLOGY.....	413,260	400,260
15	COGNITIVE COMPUTING SYSTEMS.....	16,330	16,330
17	BIOLOGICAL WARFARE DEFENSE.....	24,537	24,537
18	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	227,065	197,065
20	CYBER SECURITY RESEARCH.....	18,908	13,908
21	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) APP	---	2,000
22	TACTICAL TECHNOLOGY.....	225,977	218,209
23	MATERIALS AND BIOLOGICAL TECHNOLOGY.....	166,654	166,654
24	ELECTRONICS TECHNOLOGY.....	243,469	233,469
25	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES.....	175,282	156,282
26	SOFTWARE ENGINEERING INSTITUTE.....	11,107	11,107
27	SPECIAL OPERATIONS TECHNOLOGY DEVELOPMENT.....	29,246	29,246
	TOTAL, APPLIED RESEARCH.....	1,778,565	1,681,797

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
	ADVANCED TECHNOLOGY DEVELOPMENT		
28	JOINT MUNITIONS ADVANCED TECH INSENSITIVE MUNITIONS AD	26,646	20,146
29	SO/LIC ADVANCED DEVELOPMENT	19,420	17,420
30	COMBATING TERRORISM TECHNOLOGY SUPPORT	77,792	100,792
31	COUNTERPROLIFERATION INITIATIVES--PROLIF PREV & DEFEAT	274,033	274,033
32	BALLISTIC MISSILE DEFENSE TECHNOLOGY	309,203	9,321
32A	ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT	---	6,919
32B	DISCRIMINATION SENSOR TECHNOLOGY	---	29,642
32C	WEAPONS TECHNOLOGY	---	46,708
32D	ADVANCED C4ISR	---	36,500
32E	ADVANCED RESEARCH	---	19,188
32F	COMMON KILL VEHICLE TECHNOLOGY	---	70,000
34	JOINT DOD-DOE MUNITIONS TECHNOLOGY DEVELOPMENT	19,305	19,305
35	AGILE TRANSPO FOR THE 21ST CENTURY (AT21) - THEATER CA	7,565	3,865
36	SPECIAL PROGRAM--MDA TECHNOLOGY	40,426	36,426
37	ADVANCED AEROSPACE SYSTEMS	149,804	144,804
38	SPACE PROGRAMS AND TECHNOLOGY	172,546	142,546
39	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEV	170,847	144,847
40	JOINT ELECTRONIC ADVANCED TECHNOLOGY	9,009	9,009
41	JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS	174,428	165,028
42	NETWORKED COMMUNICATIONS CAPABILITIES	20,000	5,000
45	CYBER SECURITY ADVANCED RESEARCH	19,668	9,668
46	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) ADV	---	2,000
47	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROG	34,041	59,041
48	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	61,971	53,971
50	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	20,000	18,000
51	DEPLOYMENT AND DISTRIBUTION ENTERPRISE TECHNOLOGY	30,256	30,256
52	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	72,324	62,324
53	MICROELECTRONIC TECHNOLOGY DEVELOPMENT AND SUPPORT	82,700	82,700
54	JOINT WARFIGHTING PROGRAM	8,431	3,431
55	ADVANCED ELECTRONICS TECHNOLOGIES	117,080	107,080
57	COMMAND, CONTROL AND COMMUNICATIONS SYSTEMS	239,078	239,078
59	NETWORK-CENTRIC WARFARE TECHNOLOGY	259,006	259,006

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
60	SENSOR TECHNOLOGY	286,364	276,364
60X	DEFENSE RAPID INNOVATION PROGRAM	---	175,000
61	DISTRIBUTED LEARNING ADVANCED TECHNOLOGY DEVELOPMENT	12,116	12,116
62	SOFTWARE ENGINEERING INSTITUTE	19,008	19,008
63	QUICK REACTION SPECIAL PROJECTS	78,532	68,532
65	JOINT EXPERIMENTATION	12,667	12,667
66	MODELING AND SIMULATION MANAGEMENT OFFICE	41,370	34,370
69	TEST & EVALUATION SCIENCE & TECHNOLOGY	92,508	83,308
70	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	52,001	47,001
71	CWMD SYSTEMS	52,053	49,353
72	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	46,809	44,309
	TOTAL, ADVANCED TECHNOLOGY DEVELOPMENT	3,109,007	3,050,082
	DEMONSTRATION & VALIDATION		
75	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	63,641	48,641
76	RETRACT LARCH	19,152	19,152
77	WALKOFF	70,763	63,763
79	ADVANCE SENSOR APPLICATIONS PROGRAM	17,230	19,230
80	ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM	71,453	66,453
81	BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT	268,990	255,990
82	BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT	1,033,903	911,047
83	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	196,237	189,237
84	BALLISTIC MISSILE DEFENSE SENSORS	315,183	366,783
86	BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS	377,605	372,605
87	SPECIAL PROGRAMS - MDA	286,613	276,613
88	AEGIS BMD	937,056	910,056
89	SPACE SURVEILLANCE & TRACKING SYSTEM	44,947	40,447
90	BALLISTIC MISSILE DEFENSE SYSTEM SPACE PROGRAMS	6,515	6,515
91	BALLISTIC MISSILE DEFENSE C2BMC	418,355	405,515
92	BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT	47,419	42,619
93	BALLISTIC MISSILE DEFENSE INTERGRATION AND OPERATIONS CENTER (MDIOC)	52,131	52,131
94	REGARDING TRENCH	13,864	12,464
95	SEA BASED X-BAND RADAR (SBX)	44,478	44,478

(IN THOUSANDS OF DOLLARS)

		BUDGET REQUEST	RECOMMEND
96	ISRAELI COOPERATIVE PROGRAMS	95,782	283,782
97	BALLISTIC MISSILE DEFENSE TEST	375,866	338,266
98	BALLISTIC MISSILE DEFENSE TARGETS	495,257	491,432
99	HUMANITARIAN DEMINING	11,704	11,704
100	COALITION WARFARE	9,842	9,842
101	DEPARTMENT OF DEFENSE CORROSION PROGRAM	3,312	20,312
102	ADVANCED INNOVATIVE TECHNOLOGIES	130,000	130,000
103	DOD UNMANNED AIRCRAFT SYSTEM (UAS) COMMON DEVELOPMENT	8,300	8,300
104	WIDE AREA SURVEILLANCE	30,000	27,000
105	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) RES	---	2,000
108	JOINT SYSTEMS INTEGRATION	7,402	7,402
110	JOINT FIRES INTEGRATION & INTEROPERABILITY TEAM	7,506	7,506
111	LAND-BASED SM-3 (LBSM3)	129,374	129,374
112	AEGIS SM-3 BLOCK IIA CO-DEVELOPMENT	308,522	308,522
115	JOINT ELECTROMAGNETIC TECHNOLOGY (JET) PROGRAM	3,169	3,169
116	CYBER SECURITY INITIATIVE	946	946
	TOTAL, DEMONSTRATION & VALIDATION	5,902,517	5,883,296
	ENGINEERING & MANUFACTURING DEVELOPMENT		
118	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	8,155	8,155
119	PROMPT GLOBAL STRIKE CAPABILITY DEVELOPMENT	65,440	65,440
120	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	451,306	426,306
122	ADVANCED IT SERVICES JOINT PROGRAM OFFICE (AITS-JPO)	29,138	29,138
123	JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)	19,475	17,475
124	WEAPONS OF MASS DESTRUCTION DEFEAT CAPABILITIES	12,901	12,901
125	INFORMATION TECHNOLOGY DEVELOPMENT	13,812	13,812
126	HOMELAND PERSONNEL SECURITY INITIATIVE	386	386
127	DEFENSE EXPORTABILITY PROGRAM	3,763	3,763
128	OUSD(C) IT DEVELOPMENT INITIATIVES	6,788	6,788
129	DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION	27,917	25,217
130	DCMO POLICY AND INTEGRATION	22,297	20,097
131	DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM	51,689	46,489
132	DEFENSE-WIDE ELECTRONIC PROCUREMENT CAPABILITY	6,184	6,184
133	GLOBAL COMBAT SUPPORT SYSTEM	12,083	12,083

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
134 DOD ENTERPRISE ENERGY INFORMATION MANAGEMENT (EEIM)...	3,302	3,302
TOTAL, ENGINEERING & MANUFACTURING DEVELOPMENT.....	734,636	697,536
RDT&E MANAGEMENT SUPPORT		
135 DEFENSE READINESS REPORTING SYSTEM (DRRS).....	6,393	6,393
136 JOINT SYSTEMS ARCHITECTURE DEVELOPMENT.....	2,479	2,479
137 CENTRAL TEST AND EVALUATION INVESTMENT DEVELOPMENT....	240,213	179,713
138 ASSESSMENTS AND EVALUATIONS.....	2,127	2,127
139 THERMAL VICAR.....	8,287	8,287
140 JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC).....	31,000	27,900
141 TECHNICAL STUDIES, SUPPORT AND ANALYSIS.....	24,379	21,979
143 FOREIGN MATERIAL ACQUISITION AND EXPLOITATION.....	54,311	48,911
144 JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION....	47,462	42,762
145 CLASSIFIED PROGRAM USD(P).....	---	100,000
146 FOREIGN COMPARATIVE TESTING.....	12,134	12,134
147 SYSTEMS ENGINEERING.....	44,237	39,837
148 STUDIES AND ANALYSIS SUPPORT.....	5,871	5,871
149 NUCLEAR MATTERS - PHYSICAL SECURITY.....	5,028	5,028
150 SUPPORT TO NETWORKS AND INFORMATION INTEGRATION.....	6,301	6,301
151 GENERAL SUPPORT TO USD (INTELLIGENCE).....	6,504	6,504
152 CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM.....	92,046	89,346
158 SMALL BUSINESS INNOVATION RESEARCH/CHALLENGE ADMINISTR	1,868	1,868
159 DEFENSE TECHNOLOGY ANALYSIS.....	8,362	8,362
160 DEFENSE TECHNICAL INFORMATION CENTER (DTIC).....	56,024	56,024
161 R&D IN SUPPORT OF DOD ENLISTMENT, TESTING & EVALUATION	6,908	6,908
162 DEVELOPMENT TEST AND EVALUATION.....	15,451	19,451
164 MANAGEMENT HEADQUARTERS (RESEARCH & DEVELOPMENT).....	71,659	71,659
165 BUDGET AND PROGRAM ASSESSMENTS.....	4,083	4,083
167 OPERATIONS SECURITY (OPSEC).....	5,306	5,306
168 JOINT STAFF ANALYTICAL SUPPORT.....	2,097	97
172 SUPPORT TO INFORMATION OPERATIONS (IO) CAPABILITIES...	8,394	8,394
175 INTELLIGENCE SUPPORT TO INFORMATION OPERATIONS (IO)...	7,624	7,624
178 COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION.	43,247	38,947

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
179 MANAGEMENT HEADQUARTERS - MDA	37,712	34,712
180 IT SOFTWARE DEV INITIATIVES	607	607
CLASSIFIED PROGRAMS	54,914	54,914
TOTAL, RDT&E MANAGEMENT SUPPORT	913,028	924,528
OPERATIONAL SYSTEMS DEVELOPMENT		
182 ENTERPRISE SECURITY SYSTEM (ESS)	7,552	7,552
183 REGIONAL INTERNATIONAL OUTREACH & PARTNERSHIP FOR PEAC	3,270	3,270
184 OVERSEAS HUMANITARIAN ASSISTANCE SHARED INFORMATION SY	287	287
185 INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	14,000	10,000
186 OPERATIONAL SYSTEMS DEVELOPMENT	1,955	1,955
187 GLOBAL THEATER SECURITY COOPERATION MANAGEMENT	13,250	13,250
188 CHEMICAL AND BIOLOGICAL DEFENSE (OPERATIONAL SYSTEMS D	13,026	13,026
190 JOINT INTEGRATION AND INTEROPERABILITY	12,652	12,652
191 PLANNING AND DECISION AID SYSTEM	3,061	3,061
192 C4I INTEROPERABILITY	72,726	67,626
194 JOINT/ALLIED COALITION INFORMATION SHARING	6,524	6,524
201 NATIONAL MILITARY COMMAND SYSTEM-WIDE SUPPORT	512	512
202 DEFENSE INFO INFRASTRUCTURE ENGINEERING & INTEGRATION.	12,867	10,867
203 LONG HAUL COMMUNICATIONS (DCS)	36,565	30,965
204 MINIMUM ESSENTIAL EMERGENCY COMMUNICATIONS NETWORK	13,144	13,144
205 PUBLIC KEY INFRASTRUCTURE (PKI)	1,060	1,060
206 KEY MANAGEMENT INFRASTRUCTURE (KMI)	33,279	33,279
207 INFORMATION SYSTEMS SECURITY PROGRAM	10,673	10,673
208 INFORMATION SYSTEMS SECURITY PROGRAM	181,567	181,567
210 GLOBAL COMMAND AND CONTROL SYSTEM	34,288	28,288
211 JOINT SPECTRUM CENTER	7,741	7,741
212 NET-CENTRIC ENTERPRISE SERVICES (NCES)	3,325	3,325
213 JOINT MILITARY DECEPTION INITIATIVE	1,246	1,246
214 TELEPORT PROGRAM	5,147	5,147
216 SPECIAL APPLICATIONS FOR CONTINGENCIES	17,352	15,652
220 CYBER SECURITY INITIATIVE	3,658	3,658
221 CRITICAL INFRASTRUCTURE PROTECTION (CIP)	9,752	9,752
225 POLICY R&D PROGRAMS	3,210	4,210

(IN THOUSANDS OF DOLLARS)

	BUDGET REQUEST	RECOMMEND
227 NET CENTRICITY	21,602	16,602
230 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	5,195	5,195
233 DISTRIBUTED COMMON GROUND/SURFACE SYSTEMS	3,348	3,348
235 MQ-1 PREDATOR A UAV	641	641
238 HOMELAND DEFENSE TECHNOLOGY TRANSFER PROGRAM	2,338	2,338
239 INT'L INTELLIGENCE TECHNOLOGY ASSESSMENT, ADVANCEMENT	4,372	4,372
247 INDUSTRIAL PREPAREDNESS	24,691	22,291
248 LOGISTICS SUPPORT ACTIVITIES	4,659	4,659
249 MANAGEMENT HEADQUARTERS (JCS)	3,533	3,533
250 MQ-9 UAV	1,314	1,314
254 SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEV	156,561	135,149
256 SPECIAL OPERATIONS INTELLIGENCE SYSTEMS DEVELOPMENT	7,705	7,705
257 SOF OPERATIONAL ENHANCEMENTS	42,620	42,620
261 WARRIOR SYSTEMS	17,970	17,970
262 SPECIAL PROGRAMS	7,424	7,424
268 SOF TACTICAL VEHICLES	2,206	2,206
271 SOF UNDERWATER SYSTEMS	18,325	29,481
274 SOF GLOBAL VIDEO SURVEILLANCE ACTIVITIES	3,304	3,304
275 SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	16,021	14,446
TOTAL, OPERATIONAL SYSTEMS DEVELOPMENT	867,518	824,887
999 CLASSIFIED PROGRAMS	3,773,704	3,438,153
TOTAL, RESEARCH, DEVELOPMENT, TEST & EVAL, DEF-WIDE	17,667,108	17,086,412

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		FY 2014 Request	Final Bill
5	NATIONAL DEFENSE EDUCATION PROGRAM	84,271	77,271
	Program decrease		-7,000
6	HISTORICALLY BLACK COLLEGES & UNIVERSITIES (HBCU)	30,895	35,895
	Program increase		5,000
8	JOINT MUNITIONS TECHNOLOGY	20,065	18,065
	Program decrease		-2,000
11	LINCOLN LABORATORY RESEARCH PROGRAM	46,875	41,875
	Authorization reduction		-5,000
13	APPLIED RESEARCH FOR THE ADVANCEMENT OF S&T PRIORITIES	45,000	38,000
	Authorization reduction		-7,000
14	INFORMATION AND COMMUNICATIONS TECHNOLOGY	413,260	400,260
	Plan X		2,000
	Program growth		-15,000
18	CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM	227,065	197,065
	Program decrease		-30,000
20	CYBER SECURITY RESEARCH	18,908	13,908
	Program decrease		-5,000
21	HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) APPLIED RESEARCH	0	2,000
	HSBC applied research		2,000
22	TACTICAL TECHNOLOGY	225,977	218,209
	Program increase - return to fiscal year 2013 level		2,232
	Program cancellation		-10,000
24	ELECTRONICS TECHNOLOGY	243,469	233,469
	Program growth		-10,000
25	WEAPONS OF MASS DESTRUCTION DEFEAT TECHNOLOGIES	175,282	156,282
	Program decrease		-19,000
28	JOINT MUNITIONS ADVANCED TECHNOLOGY INSENSITIVE MUNITIONS ADVANCED TECHNOLOGY	26,646	20,146
	Program decrease		-6,500
29	SO/LIC ADVANCED DEVELOPMENT	19,420	17,420
	Program decrease		-2,000
30	COMBATING TERRORISM TECHNOLOGY SUPPORT	77,792	100,792
	Program increase		23,000
32	BALLISTIC MISSILE DEFENSE TECHNOLOGY	309,203	9,321
	Transfer to lines 32A-F for execution		-299,882

R-1		FY 2014 Request	Final Bill
32A	**ADVANCED CONCEPTS AND PERFORMANCE ASSESSMENT**	**0**	**6,919**
	Advanced concepts and performance assessment - transfer from line 32		6,919
32B	**DISCRIMINATION SENSOR TECHNOLOGY**	**0**	**29,642**
	Discrimination sensor technology - transfer from line 32		18,742
	Discrimination algorithms - transfer from line 32		6,500
	Sensor technology - transfer from line 32		10,900
	Unjustified growth		-6,500
32C	**WEAPONS TECHNOLOGY**	**0**	**46,708**
	High power directed energy - transfer from line 32		22,944
	Solid DACS - transfer from line 32		24,000
	Advanced interceptor technology - transfer from line 32		6,264
	Unjustified growth		-6,500
32D	**ADVANCED C4ISR**	**0**	**36,500**
	Advanced C4ISR - transfer from line 32		43,000
	Unjustified growth		-6,500
32E	**ADVANCED RESEARCH**	**0**	**19,188**
	Advanced research - transfer from line 32		19,188
32F	**COMMON KILL VEHICLE TECHNOLOGY**	**0**	**70,000**
	Common kill vehicle technology - transfer from line 32		70,000
35	**AGILE TRANSPO FOR THE 21ST CENTURY (AT21) - THEATER CAPABILITY**	**7,565**	**3,865**
	Program decrease		-3,700
36	**SPECIAL PROGRAM - MDA TECHNOLOGY**	**40,426**	**36,426**
	Program decrease		-4,000
37	**ADVANCED AEROSPACE SYSTEMS**	**149,804**	**144,804**
	Prior year carryover		-5,000
38	**SPACE PROGRAMS AND TECHNOLOGY**	**172,546**	**142,546**
	Program cancellation - System F6		-30,000
39	**CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM - ADVANCED DEVELOPMENT**	**170,847**	**144,847**
	Program decrease		-26,000
41	**JOINT CAPABILITY TECHNOLOGY DEMONSTRATIONS**	**174,428**	**165,028**
	Program adjustment to disruptive demonstration		-9,400
42	**NETWORKED COMMUNICATIONS CAPABILITIES**	**20,000**	**5,000**
	Authorization reduction		-15,000
45	**CYBER SECURITY ADVANCED RESEARCH**	**19,668**	**9,668**
	Excess to need		-10,000
46	**HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) ADVANCED TECHNOLOGY**	**0**	**2,000**
	HSBC advanced development		2,000

R-1		FY 2014 Request	Final Bill
47	DEFENSE-WIDE MANUFACTURING SCIENCE AND TECHNOLOGY PROGRAM	34,041	59,041
	Industrial Base Initiative Fund		25,000
48	EMERGING CAPABILITIES TECHNOLOGY DEVELOPMENT	61,971	53,971
	Program adjustment to disruptive technology development		-8,000
50	GENERIC LOGISTICS R&D TECHNOLOGY DEMONSTRATIONS	20,000	18,000
	Program decrease		-2,000
52	STRATEGIC ENVIRONMENTAL RESEARCH PROGRAM	72,324	62,324
	Program decrease		-10,000
54	JOINT WARFIGHTING PROGRAM	8,431	3,431
	Program decrease		-5,000
55	ADVANCED ELECTRONICS TECHNOLOGIES	117,080	107,080
	Prior year carryover		-10,000
59	NETWORK-CENTRIC WARFARE TECHNOLOGY	259,006	259,006
	Classified program		[8,000]
60	SENSOR TECHNOLOGY	286,364	276,364
	Eliminate program growth		-10,000
60XX	DEFENSE RAPID INNOVATION FUND	0	175,000
	Program increase		175,000
63	QUICK REACTION SPECIAL PROJECTS	78,532	68,532
	Eliminate program growth		-10,000
66	MODELING AND SIMULATION MANAGEMENT OFFICE	41,370	34,370
	Program adjustment to effects analysis cell		-7,000
69	TEST & EVALUATION SCIENCE & TECHNOLOGY	92,508	83,308
	Program decrease		-9,200
70	OPERATIONAL ENERGY CAPABILITY IMPROVEMENT	52,001	47,001
	Program decrease		-5,000
71	COMBATING WEAPONS OF MASS DESTRUCTION SYSTEMS	52,053	49,353
	Program increase - CWMD Systems		2,500
	Program decrease		-5,200
72	SPECIAL OPERATIONS ADVANCED TECHNOLOGY DEVELOPMENT	46,809	44,309
	Special Communications Field Segment Enterprise - fiscal year 2013 delayed new start		-2,500
75	NUCLEAR AND CONVENTIONAL PHYSICAL SECURITY EQUIPMENT	63,641	48,641
	Poor justification materials		-15,000
77	WALKOFF	70,763	63,763
	Program decrease		-7,000

R-1		FY 2014 Request	Final Bill
79	**ADVANCE SENSOR APPLICATIONS PROGRAM**	**17,230**	**19,230**
	Advanced sensor application program		2,000
80	**ENVIRONMENTAL SECURITY TECHNICAL CERTIFICATION PROGRAM**	**71,453**	**66,453**
	Excess growth		-5,000
81	**BALLISTIC MISSILE DEFENSE TERMINAL DEFENSE SEGMENT**	**268,990**	**255,990**
	Program decrease		-13,000
82	**BALLISTIC MISSILE DEFENSE MIDCOURSE DEFENSE SEGMENT**	**1,033,903**	**911,047**
	Continue activities relative to site evaluation, EIS, and planning		20,000
	Transfer sustainment funds to OM,DW		-142,856
83	**CHEMICAL AND BIOLOGICAL DEFENSE PROGRAMS**	**196,237**	**189,237**
	NGCS schedule slip		-2,000
	VAC FILO schedule slip		-5,000
84	**BALLISTIC MISSILE DEFENSE SENSORS**	**315,183**	**366,783**
	Sensors directorate operations - previously funded		-3,400
	Enhanced discrimination and sensors capability		55,000
86	**BALLISTIC MISSILE DEFENSE ENABLING PROGRAMS**	**377,605**	**372,605**
	Manufacturing and producibility - unjustified growth		-2,000
	Information assurance/computer network defense - unjustified growth		-3,000
87	**SPECIAL PROGRAMS - MDA**	**286,613**	**276,613**
	Program decrease		-10,000
88	**AEGIS BMD**	**937,056**	**910,056**
	Aegis BMD 5.1 development cost growth		-27,000
89	**SPACE SURVEILLANCE & TRACKING SYSTEM**	**44,947**	**40,447**
	Program decrease		-4,500
91	**BALLISTIC MISSILE DEFENSE C2BMC**	**418,355**	**405,515**
	Lack of Spiral 8.2x baseline		-5,937
	Spiral 8.4 deferred by MDA		-6,903
92	**BALLISTIC MISSILE DEFENSE JOINT WARFIGHTER SUPPORT**	**47,419**	**42,619**
	Program decrease		-4,800
94	**REGARDING TRENCH**	**13,864**	**12,464**
	Program decrease		-1,400
96	**ISRAELI COOPERATIVE PROGRAMS**	**95,782**	**283,782**
	Israeli Upper tier		22,100
	Israeli Arrow program		33,700
	Short range ballistic missile defense		117,200
	Non-recurring engineering for Iron Dome co-production capacity in the United States		15,000
97	**BMD Tests**	**375,866**	**338,266**
	Program decrease		-37,600

R-1		FY 2014 Request	Final Bill
98	**BMD Targets**	**495,257**	**491,432**
	Program operations - unjustified growth		-3,825
101	**DEPARTMENT OF DEFENSE CORROSION PROGRAM**	**3,312**	**20,312**
	Program increase		17,000
104	**WIDE AREA SURVEILLANCE**	**30,000**	**27,000**
	Program decrease		-3,000
105	**HUMAN, SOCIAL AND CULTURE BEHAVIOR MODELING (HSCB) RESEARCH & ENGINEERING**	**0**	**2,000**
	Program increase		2,000
120	**CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM**	**451,306**	**426,306**
	JBTDS milestone B slip		-4,000
	CALS milestone B slip		-4,000
	HFV milestone B slip		-10,000
	VAC BOT execution delays		-7,000
123	**JOINT TACTICAL INFORMATION DISTRIBUTION SYSTEM (JTIDS)**	**19,475**	**17,475**
	Program decrease		-2,000
129	**DOD ENTERPRISE SYSTEMS DEVELOPMENT AND DEMONSTRATION**	**27,917**	**25,217**
	Program decrease		-2,700
130	**DCMO POLICY AND INTEGRATION**	**22,297**	**20,097**
	Program decrease		-2,200
131	**DEFENSE AGENCY INITIATIVES FINANCIAL SYSTEM**	**51,689**	**46,489**
	Program decrease		-5,200
137	**CENTRAL TEST & EVAL INVESTMENT DEVELOPMENT**	**240,213**	**179,713**
	Electronic Warfare test capability - transfer to OT&E line 3		-60,500
140	**JOINT MISSION ENVIRONMENT TEST CAPABILITY (JMETC)**	**31,000**	**27,900**
	Program decrease		-3,100
141	**TECHNICAL STUDIES, SUPPORT AND ANALYSIS**	**24,379**	**21,979**
	Program decrease		-2,400
143	**FOREIGN MATERIAL ACQUISITION AND EXPLOITATION**	**54,311**	**48,911**
	Program decrease		-5,400
144	**JOINT THEATER AIR AND MISSILE DEFENSE ORGANIZATION**	**47,462**	**42,762**
	Program decrease		-4,700
145	**CLASSIFIED PROGRAM USD(P)**	**0**	**100,000**
	Classified adjustment		100,000
147	**SYSTEMS ENGINEERING**	**44,237**	**39,837**
	Program decrease		-4,400
152	**CHEMICAL AND BIOLOGICAL DEFENSE PROGRAM**	**92,046**	**89,346**
	Program decrease		-2,700

R-1		FY 2014 Request	Final Bill
162	DEVELOPMENT TEST AND EVALUATION	15,451	19,451
	Program increase		4,000
168	JOINT STAFF ANALYTICAL SUPPORT	2,097	97
	Program decrease		-2,000
178	COCOM EXERCISE ENGAGEMENT AND TRAINING TRANSFORMATION	43,247	38,947
	Program decrease		-4,300
179	MANAGEMENT HEADQUARTERS - MDA	37,712	34,712
	Program decrease		-3,000
185	INDUSTRIAL BASE ANALYSIS AND SUSTAINMENT SUPPORT	14,000	10,000
	Program decrease		-4,000
192	C4I INTEROPERABILITY	72,726	67,626
	Program decrease		-5,100
202	DEFENSE INFO INFRASTRUCTURE ENGINEERING AND INTEGRATION	12,867	10,867
	Prior year carryover		-2,000
203	LONG HAUL COMMUNICATIONS (DCS)	36,565	30,965
	Prior year carryover		-5,600
210	GLOBAL COMMAND AND CONTROL SYSTEM	34,288	28,288
	Program decrease		-6,000
216	SPECIAL APPLICATIONS FOR CONTINGENCIES	17,352	15,652
	Program decrease		-1,700
225	POLICY R&D PROGRAMS	3,210	4,210
	Program increase		1,000
227	NET CENTRICITY	21,602	16,602
	Program decrease		-5,000
247	INDUSTRIAL PREPAREDNESS	24,691	22,291
	Program decrease		-2,400
254	SPECIAL OPERATIONS AVIATION SYSTEMS ADVANCED DEVELOPMENT	156,561	135,149
	C-130 TF radar system - early to need		-15,225
	Program decrease		-6,187
271	SOF UNDERWATER SYSTEMS	18,325	29,481
	Transfer from P,DW line 69		1,156
	Transfer from P,DW line 59		10,000
275	SOF OPERATIONAL ENHANCEMENTS INTELLIGENCE	16,021	14,446
	Underexecution		-1,575
	CLASSIFIED PROGRAMS	3,773,704	3,438,153
	Classified adjustment		-335,551

CONVENTIONAL PROMPT GLOBAL STRIKE

The agreement includes $65,440,000 to continue the Prompt Global Strike program, a decrease from the $200,383,000 appropriated in fiscal year 2013. The program achieved a significant milestone on November 17, 2011, when the Army conducted a successful flight test of the advanced hypersonic weapon (AHW). The Secretary of Defense is directed to follow through on the stated intent of additional fiscal year 2013 funding provided for continued planning and completion of a second, longer range AHW flight test to validate the design and further confirm previously demonstrated AHW flight technology. Also, considering the fiscal constraints under which the Department of Defense is operating, the Secretary is directed to avoid commitments that will cause funds to be used for design or development efforts intended to support a significant departure from HTV–2 or the Army's AHW payload delivery vehicle designs.

OPERATIONAL TEST AND EVALUATION, DEFENSE

The agreement on items addressed by either the House or the Senate is as follows:

EXPLANATION OF PROJECT LEVEL ADJUSTMENTS
[In thousands of dollars]

R-1		FY 2014 Request	Final Bill
	RDT&E MANAGEMENT SUPPORT		
1	OPERATIONAL TEST AND EVALUATION	75,720	75,720
2	LIVE FIRE TESTING	48,423	48,423
3	OPERATIONAL TEST ACTIVITIES AND ANALYSIS	62,157	122,657
	Electronic Warfare Test Capability transfer from RDTE,DW line 137		60,500
	TOTAL, OPERATIONAL TEST & EVALUATION, DEFENSE	186,300	246,800