

## DoD #3000: Detachments Identification

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Parent Commands: List all detachments as of 30 September 2003 of any size that are not on the target list (Target List.PDF on the BRAC Library) and provide the following:

Detachments include geographically separated units and operating locations including personnel, facilities and equipment.

The following guidelines for detachments are:

Formally designated detachments of any size shall be reported separately.

**Source / Reference:** Command Organization and Structure

**Amplification:** Parent organization is the organization to which the detachment reports.

Location Town, State and Zip Code refer to the physical location of the detachment.

Count FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and (c) other non-government personnel (e.g. all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space. The Organization Code is the unique identifier for each line entered. This is the UIC for Army, Navy, and Marine Corps. The Air Force will use DODAAC. If none of these uniquely identify the detachment, create a unique identifying number by sequentially adding a number to the parent ORGCODE reported in answer to this question. Always enter parent command first.

*Please fill in the following table(s), adding rows as necessary*

Organization Code (Text) string15	Organization Name (Text) string50	Location Town (Text) string50	Location State (Text) string2	Location Zip (#) numeric	Parent Organization Code (Text) string15	FTEs (FTE) numeric

## DoD #3001: Personnel Education (Govt) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the count of the Highest College Education level achieved by each government person (civilian & Military) in the Professional and Technical community (P&T categories of the PATCOB) who has performed any RD(A)T&E work and was on-board on 30 September 2003. Individual personnel shall be reported by the function and technical capability area in which they did the majority of their work in FY03 (In the absence of a majority use plurality).

**Source / Reference:** Personnel files held in Service regional Human Resource Offices or in on-site laboratory / center offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

In the absence of a majority of work performed in a technical capability and function, use plurality. Each individual must be binned into one and only one Technical Capability and Functional area representing the area of greatest contribution.

Civilian and Military Government Personnel Only. Note: Do not include Contractors. Do not include Federally Funded Research and Development Center personnel.

When counting degrees, the count should be based on highest degree attained, not the number of degrees held. If a person has 2 PHD's (or a MD or a DVM) the count is 1 at the PHD level. If a person has 1 PHD and 1 Masters in a different specialty, the count is 1 at the PHD level.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

Note: MD refers to Medical Doctor and DVM refers to a Doctor of Veterinary Medicine

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>1</sup>	Technical Capability (List) multiple choice <sup>2</sup>	Education Type (List) multiple choice <sup>3</sup>	Count (Count) numeric

<sup>1</sup> Choose a value from this list: Research, D&A, T&E

<sup>2</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Information Systems, Ground Platforms, Sea Vehicles, Materials and Processess, Sensors, Electronics, and EW, Biomedical, Space Platforms, Weapons and Armaments, Nuclear Technology, Battlespace Environments, Human Systems

<sup>3</sup> Choose a value from this list: PHD, Masters, Bachelors, Associates

## DoD #3002: Professional/Technical Workforce Experience (Govt) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the count of Professional and Technical (P&T categories of the PATCOB) workforce (military, government civilian) on board on 30 September 2003 into the following experience categories - less than or equal to 10 years, greater than 10 and less than or equal to 20 years, greater than 20 (Measured from date of receipt of first college degree, or from Service Computation Date, whichever is earlier) as of 30 September 03 . Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work in FY03 (In the absence of a majority use plurality).

**Source / Reference:** Personnel files held in Service regional Human Resource Offices or in on-site laboratory / center offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

In the absence of a majority of work performed in a technical capability and function, use plurality. Each individual must be binned into one and only one Technical Capability and Functional area representing the area of greatest contribution.

Enter Civilian and Military Government Personnel Only. Do not include Federally Funded Research and Development Center personnel.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>4</sup>	Technical Capability (List) multiple choice <sup>5</sup>	Experience Category (List) multiple choice <sup>6</sup>	Count (Count) numeric

<sup>4</sup> Choose a value from this list: Research, D&A, T&E

<sup>5</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Information Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>6</sup> Choose a value from this list: 10 or less, Between 10 and 20, Over 20

## DoD #3003: Professional/Technical Workforce >= GS-14 DAWIA Certifications RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the count of Professional and Technical (P&T categories of the PATCOB) Civilian workforce having the grade of GS-14 (or its Pay band equivalent) and above on-board on 30 September 2003 that have as their highest (Defense Acquisition Workforce Improvement Act (DAWIA) certification levels as Level I, Level II, Level III or multiple Level III certifications on 30 September 2003. Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work in FY03 (In the absence of a majority use plurality).

**Source / Reference:** Personnel files held in Service regional Human Resource Offices or in on-site laboratory / center offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Civilian Government Personnel Only. Note: Do not include Contractors. Do not include Federally Funded Research and Development Center personnel.

Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work (in the absence of majority use plurality). Each individual must be binned into one and only one Technical Capability and Functional area representing the area of greatest contribution.

Only report the highest level of certification achieved in each career field.

For those individuals with multiple Level III certifications only, count all Level III Acquisition Functions in the "DAWIA III" category in addition to counting the individual once in the "MultiDAWIA III" category. For example: An individual with Level III certification in SPRD&E and Logistics would be counted twice in the "DAWIA III" category and once in the "MultiDAWIA III" category.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>7</sup>	Technical Capability (List) multiple choice <sup>8</sup>	DAWIA Category (List) multiple choice <sup>9</sup>	Count (Count) numeric

<sup>7</sup> Choose a value from this list: Research, D&A, T&E

<sup>8</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>9</sup> Choose a value from this list: DAWIA I, DAWIA II, DAWIA III, Multi DAWIA III

## DoD #3004: Professional/Technical Workforce Military DAWIA Certifications RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the count of Professional and Technical (P&T categories of the PATCOB) Military workforce on-board on 30 September 2003 that have as their highest (Defense Acquisition Workforce Improvement Act (DAWIA) certification levels as Level I, Level II, Level III or multiple Level III certifications on 30 September 2003. Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work in FY03 (In the absence of a majority use plurality).

**Source / Reference:** Personnel files held in Service regional Human Resource Offices or in on-site laboratory / center offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

### Military Personnel Only

Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work (in the absence of majority use plurality). Each individual must be binned into one and only one Technical Capability and Functional area representing the area of greatest contribution.

Only report the highest level of certification achieved in each career field.

For those individuals with multiple Level III certifications only, count all Level III Acquisition Functions in the “DAWIA III” category in addition to counting the individual once in the “MultiDAWIA III” category. For example: An individual with Level III certification in SPRD&E and Logistics would be counted twice in the “DAWIA III” category and once in the “MultiDAWIA III” category.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>10</sup>	Technical Capability (List) multiple choice <sup>11</sup>	DAWIA Category (List) multiple choice <sup>12</sup>	Count (Count) numeric

<sup>10</sup> Choose a value from this list: Research, D&A, T&E

<sup>11</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>12</sup> Choose a value from this list: DAWIA I, DAWIA II, DAWIA III, Multi DAWIA III

## DoD #3005: Professional/Technical Workforce Certifications (Govt) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the count of Government (military & civilian) Professional and Technical (P&T categories of the PATCOB) workforce that are Test Pilot School graduates, or have a Software Engineering Certification from the following sources as of 30 September 2003: IEEE Certified Software Development Professional Program, International Institute for Software Testing for Certified Software Test Professionals, Rational Unified Process (RUP) Certification, Software Engineering Institute Certification Program. Report by function (i.e., R, D&A, T&E) and technical capability area.

**Source / Reference:** Personnel files held in Service regional Human Resource Offices or in on-site laboratory / center offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

Civilian and Military Government Personnel Only. Note: Do not include Contractors. Do not include Federally Funded Research and Development Center personnel.

Individual personnel shall be reported by the function and technical capability area in which they do the majority of their work in FY03 (in the absence of majority use plurality). Each individual must be binned into one and only one Technical Capability and Functional area representing the area of greatest contribution.

The software certifications are limited to only those listed. Do not include any other software certifications.

Test Pilot School graduates refer to any of the following Test Pilot training locations:

US Air Force Test Pilot School, Edwards AFB

US Navy Test Pilot School, Pax River MD

UK Empire Test Pilot School, Boscombe Down, England

National Test Pilot School, Mojave CA

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>13</sup>	Technical Capability (List) multiple choice <sup>14</sup>	Certification Type (List) multiple choice <sup>15</sup>	Count (Count) numeric

<sup>13</sup> Choose a value from this list: Research, D&A, T&E

<sup>14</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>15</sup> Choose a value from this list: Test Pilot Grade, Software Cert

## DoD #3006: Patents/Licenses, Invited Presentations, Awards, and Fellows (Govt) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** For workforce on-board on September 30, 2003, report the number of patents awarded, patent licenses, software licenses, technical publications (each book, book chapter, and citations for papers appearing in refereed journals), invited presentations, national / international technical awards, and technical society fellows by function and technical capability area. Report data for government personnel only (civilian and military) in the Professional and Technical community (P&T categories of the PATCOB) who have performed RD(A)T&E. Note: Do not include Federally Funded Research and Development Center personnel.

**Source / Reference:** Personnel files held in on-site laboratory / center offices. Citations in refereed journals must be accessed at the website: <http://www.isinet.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER>. For those without direct access, consult your Technical Librarian.

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Patents/Licenses/Publications/Presentations: All patents awarded, patent licenses, software licenses, technical publications (each book, book chapter, and citations for papers in refereed journals), and invited presentations must be limited to the 3-year period of FY01-03.

Each instance of an individual's patent awarded, patent licensed, software license awarded, technical publication (book, book chapter, citations for papers in refereed journals), and invited presentations will be counted. If patents, licenses, publications, or presentations are received by multiple personnel, each person will receive equal credit and shall be reported as associated with each person.

Only invited presentations at a national or international conference of a technical society (excluding local chapters) will be counted. Local or Regional chapter presentations are not to be included.

Citations must be for papers appearing in refereed journals. These journals are listed at the ISI Journal Master List website: <http://www.isinet.com/cgi-bin/jrnlst/jlresults.cgi?PC=MASTER> and the citations must be from that ISI database. Citations must be accessed only for those papers appearing within FY01-03.

A software license award refers to proprietary ownership of a software code.

Awards Group A & B / Technical Society Fellows: Listed National / International Technical Awards may be counted for any year for individuals that are on-board on 30 September 03 (i.e., they are not limited to the past 3 years). For awards received by multiple personnel, each person will receive equal credit and shall be reported as associated with each person. Each person must be named in the award citation. Awards given to the entire laboratory/center (e.g., Collier Trophy) will count only once. Technical Society Fellowships are also not limited to the past three years.

Awards Group (A) are the: Nobel Prize, Robert J. Collier Trophy, National Medal of Science, National Medal of Technology, Draper Prize, Bower Award for Achievement in Science, member of National Academy of Sciences, and member of National Academy of Engineering

Awards Group (B) are the: Stellar Award, Goddard Astronautics Award, A.T. Waterman Award, William Streifer Award, Lord Rank Award, National Inventors Hall of Fame, Space Technology Hall of Fame Report elected Fellows from The List of Technical societies, which is in the BRAC library under Technical societies.PDF

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

Provide counts for each Technical Capability and Function for Civilian and Military Government Personnel Only. Note: Do not include Contractors. Do not include Federally Funded Research and Development Center personnel.

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF Data will be reported based on the function and technical capability area in which an individual does the majority of their work in FY03 (in the absence of majority use plurality). If the individual performs work in multiple technical capabilities and or functions, and no one area consume greater than 50% of his or her time, make a judgment of which area the individual makes the greatest contribution.

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>16</sup>	Technical Capability (List) multiple choice <sup>17</sup>	PPA Type (List) multiple choice <sup>18</sup>	Count (Count) numeric

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<sup>16</sup> Choose a value from this list: Research, D&A, T&E

<sup>17</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>18</sup> Choose a value from this list: Patents Awarded, Patents Licensed, Software Licensed, Tech Pubs, Books, Book Chapters, Citations, Invited Presentations, Awards (Group A), Awards (Group B), Technical Society Fellows



## DoD #3007: Special Features at your Technical Facility RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Please identify the special features listed below as of 30 September 2003 that can be performed at your location.

**Source / Reference:** Program Office Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph c) of the document titled "Detachment reporting.pdf" in the BRAC Library.

For the purpose of this question, a "Technical Facility" is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location.

**Biomedical (BIO)**

Biosafety level 3 labs with Aerosol Capability

Biosafety level 4 labs with Aerosol Capability

Hypobaric man rated chambers, occupancy for two weeks or more

AAALAC Accredited Animal Facilities (non human primate holding capacity >25)

**Chem-Bio Defense (CB)**

Ability to disperse and analyze Chemical-Biological simulants over a square mile.

**Human Systems (HS)**

Includes Human-rated chamber facilities, facilities capable of simulating environmental conditions, facilities capable of testing human systems and equipment together, facilities/courses capable of evaluating operational/mission conditions (e.g. physical task and cognitive task performance), and facilities/unique capabilities for evaluating effects based decision aids and information visualization systems.

**Materials and Processes (MP)**

Chambers, Labs, Facilities etc. able to test and demonstrate the protection level/survivability of combatants and military equipment against a wide range of threats including: ballistic, laser, fire/flame, and chemical/biological agents (using simulants or live agents).

**Sensors, Electronics & Electronic Warfare (SE)**

Indoor facility greater than 30,000 cubic feet

Outdoor non-T&E facility greater than 2 acres.

**Sea Vehicles (SV)**

Ability to operate, measure signatures, and control surface or sub-surface vessels at 20% full scale and above

Ability to operate, measure signatures, and control surface or sub-surface vessels at less than 20% full scale

**Space Platforms (SP)**

Ability to monitor and control orbital and/or sub-orbital vehicles through the full spectrum of operations (launch, flight, and recovery)

**Weapons (WP)**

Ability to handle and detonate live ordnance in excess of 500 pounds HE.

Ability to operate high power laser and high power microwaves in a non open air range environment

Ability detonate projectiles in excess of 120mm

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>19</sup>	Special Feature (List) multiple choice <sup>20</sup>

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<sup>19</sup> Choose a value from this list: Research, D&A, T&E

<sup>20</sup> Choose a value from this list: BIO Level 3 labs with aerosol capability, BIO Level 4 labs with aerosol capability, BIO Hypobaric man-rated chambers occupancy  $\geq 2$  wk, BIO non-human primate capacity  $> 25$ , CB Disperse and analyze CB simulants 1/4 Mile, Human Systems (See Amplification), Materials and Processes (See Amplification), SE Indoor facility  $> 30,000$  cubic feet, SE Outdoor non-T&E facility  $> 2$  Acres, SV Able to operate, measure & control  $< 20\%$  scale, SV able to operate, measure & ctrl  $\geq 20\%$  scale, SP able to monitor and ctrl orbital/sub orb ops, WP able to handle/detonate live ordnance  $> 500$ lb HE, WP able to operate high power LASER & Micro Waves, WP able to detonate projectiles  $> 120$  mm

## DoD #3008: Environmental Constraints

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Using the multiple choice, identify the impact of Endangered Species, Cultural, Unexploded Ordnance, Frequency Restrictions, Marine Mammals, air, water, wetlands, noise, and urban constraints in effect at any time between FY01 and FY03 that restrict(ed) mission related operations within each technical capability and function you perform.

Choose "Precludes", "Can do with Limitations", or "No Impact" to operations within a technical capability and function.

**Source / Reference:** Documented EIS or local Environmental Office Records.

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph c) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Choose: "Precludes", "Can Do with Limitations", or "No Impact"

The data will be provided for any and all combinations of function and technical capability areas as indicated by the table.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The definitions for the constraint types (column headings) are may be found in the BRAC library under filename Environmental Definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>21</sup>	Technical Capability (List) multiple choice <sup>22</sup>	Environmental Constraint Type (List) multiple choice <sup>23</sup>	Restriction (List) multiple choice <sup>24</sup>

<sup>21</sup> Choose a value from this list: Research, D&A, T&E

<sup>22</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>23</sup> Choose a value from this list: Endangered Species, Cultural, Unexploded Ordnance, Frequency Constraint, Marine Mammal Constraints, Air Quality Restrictions, Community Restrictions, Water Restrictions, Wetlands, Noise, Urban

<sup>24</sup> Choose a value from this list: Precludes, Can Do With Limitations, No Impact

## DoD #3009: Environmental Constraints (Licenses Lost) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Provide the count of all licenses lost between FY01 and FY03 due to the environmental constraints:

Endangered Species

Cultural

Unexploded Ordnance

Frequency Restrictions

Marine Mammals

Air Quality

Community Restrictions

Water

Wetlands

Noise

Urban constraints

Identify the licenses lost by the Technical Capability and Function impacted by the loss.

**Source / Reference:** Environmental Office records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph c) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Enter number of Licenses lost as consequence. Include all loss of licenses (local, state, federal, etc.) required for operations that would limit expansion.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The definitions for the constraint types may be found in the BRAC Library under filename Environment definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>25</sup>	Technical Capability (List) multiple choice <sup>26</sup>	Count (Count) numeric

<sup>25</sup> Choose a value from this list: Research, D&A, T&E

<sup>26</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

## DoD #3010: Depth of Application Sub System RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Identify by ORGCODE the technical capability and function(s) performed at the subsystem level where the funding exceeds \$10M and whose FTEs exceed 30 aggregated over the period FY01-03.

**Source / Reference:** Program office records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Sub Systems: RD(A)T&E effort that develops or improves the effectiveness of a subsystem (For instance Sensor, propulsion, weapons delivery, and communications). The results of this effort are integrated and optimized in the RD(A)T&E of Systems. Individual Key Performance Parameters (Interim Defense Acquisition Guidebook section C1.4.3.1 Performance <http://dod5000.dau.mil/DoD5000Interactive/InterimGuidebook.asp>) often dictate the RD(A)T&E effort on subsystems. Examples: Laser Communication, Radar Absorbing Material Technology, weapon components and Supersonic Propulsion.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>27</sup>	Technical Capability (List) multiple choice <sup>28</sup>

<sup>27</sup> Choose a value from this list: Research, D&A, T&E

<sup>28</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

## DoD #3011: Depth of Application Systems RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Identify by ORGCODE the technical capability and function(s) performed at the system level where the funding exceeds \$10M and whose FTEs exceed 30 aggregated over the period FY01-03.

**Source / Reference:** Program office records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled "Detachment reporting.pdf" in the BRAC Library.

Systems: RD(A)T&E effort that develops or improves the effectiveness of a platform. The effort focuses on integrating subsystems (For instance Sensor, propulsion, weapons delivery, and communications) to optimize the operation of a platform or unit. The summary direction of Key Performance Parameters (Other than Net-Ready CJCSI 3170.01D sec 4.f(3) <http://dod5000.dau.mil/DoD5000Interactive/InterimGuidebook.asp>) and Configuration Control Boards often dictate the RD(A)T&E effort on systems. Examples: M-1 Abrams, F-18E, F-22.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>29</sup>	Technical Capability (List) multiple choice <sup>30</sup>

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<sup>29</sup> Choose a value from this list: Research, D&A, T&E

<sup>30</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

## DoD #3012: Depth of Application System of Systems RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Identify by ORGCODE the technical capability and function(s) performed at the System of Systems level where the funding exceeds \$10M and whose FTEs exceed 30 aggregated over the period FY01-03.

**Source / Reference:** Program office records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled "Detachment reporting.pdf" in the BRAC Library.

System of Systems: RD(A)T&E effort that integrates more than one platform for simultaneous and linked operations. The Research, Development, and Test effort focuses on integrating systems (Platforms and Units) to optimize the operational affect of Joint Forces.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>31</sup>	Technical Capability (List) multiple choice <sup>32</sup>

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<sup>31</sup> Choose a value from this list: Research, D&A, T&E

<sup>32</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

## DoD #3013: Infrastructure Utilization (Foot Print) RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** For all buildings used for RDTE&A function that were in use on September 30, 2003, provide the best approximation of usable square feet for each function and technical capability performed in the building.

**Source / Reference:** Public Works Offices

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled "Detachment reporting.pdf" in the BRAC Library.

A building may support multiple technical capabilities and functions. Total allocated space across all bins for each building may not exceed total building square footage (do not double count space). When the same space is used for multiple bins, the space ("approximate square feet," see table headers) is to be assigned to one bin -- the bin with the largest % use during FY01 through FY03 use (as determined by hours used).

Each technical facility may have multiple entries for a building if it performs multiple technical capability and function work in that building. A building may also support functions of other JCSGs; do not include in the table space in a building which is not used for RD(A)T&E.

When calculating Percentage of use over FY01-03, if multiple technical capabilities and functions are performed in the same square footage but at different times, utilization may not exceed 365 days X 24 hours/day (8,760 hours) per year. Do not double-count usage across technical capability and functional areas for the same hour of any given day of use.

Identify data at ALL detachments with the unique ORGCODE. This is the UIC for Army, Navy, and Marine Corps. The Air Force will use DODAAC. If none of these uniquely identify the detachment, create a unique identifying number by sequentially adding a number to the parent ORGCODE for the entity performing the Technical Capability and Function aligned with the Square footage and Percentage of use identified.

For "Service Facility Condition Code" the Army's Green, Amber, or Red and the Navy's Adequate, Substandard, and Inadequate equate to the Air Force's 1, 2, and 3 respectively.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>33</sup>	Tech Capability (List) multiple choice <sup>34</sup>	Building Number (Text) string50	Approx Sq Feet Used (SF) numeric	Service Facility Condition Code (Text) string20	% use over FY01-03 (%) numeric

<sup>33</sup> Choose a value from this list: Research, Test & Evaluation, Development & Acquisition

<sup>34</sup> Choose a value from this list: Air Platforms, Chemical & Biological Defense, Information Systems Technology, Ground Vehicles, Sea Vehicles, Materials & Processes, Biomedical, Sensors, Electronics & Electr. Warfare, Space Platforms, Human Systems, Weapons, Nuclear Technology, Battlespace Environments



## DoD #3014: Replacement Cost Equipment and Days Used RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Provide the estimated FY03 replacement cost, to the nearest million dollars for Technical Equipment that is valued above \$3M. Report equipment valued at >\$3M or requires special engineering for which disassembly/reassembly/installation costs would exceed \$3M. Additionally, for each combination of function and technical capability area, provide the days used in FY01, FY02, and FY03.

**Source / Reference:** Local Property Office

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled “Detachment reporting.pdf” in the BRAC Library.

List major and unique RDTE&A equipment at the location and complete the table. Utilization may not exceed 365 days X 24 hours/day (8,760 hours). May not double-count usage across technical capability and functional areas. For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. Include Information Management & Information Technology & Communications equipment.

The list should only include equipment (a) replacement cost of the equipment will exceed \$3M, or (b) disassembly/reassembly cost will exceed \$3M. Cost includes cost of installation.

Only count days the equipment was used for its intended (e.g. RD(A)T&E) purpose. For example, if research equipment exists but is currently being used for some other purpose such as maintenance, this usage should not be counted.

For an individual piece of equipment, ensure that all applicable function and technical capability areas are identified with days used. That is, a particular piece of equipment may be identified in multiple areas.

Unit Identification Code (UIC) , Department of Defense Activity Address Code (DODAAC), Base Code Number for the entity performing the Technical Capability and Function aligned with the Square footage and Percentage of use identified.

If the equipment is located at a detachment, enter the Detachment UIC, DODAAC, BASE Code not the Primary.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>35</sup>	Tech Capability (List) multiple choice <sup>36</sup>	Equipment Name (Text) string50	Replacement Cost (\$M) numeric	FY 01 Hours Used (Count) numeric	FY 02 Hours Used (Count) numeric	FY 03 Hours Used (Count) numeric

<sup>35</sup> Choose a value from this list: Research, Test & Evaluation, Development & Acquisition

<sup>36</sup> Choose a value from this list: Air Platforms, Chemical & Biological Defense, Information Systems Technology, Ground Vehicles, Sea Vehicles, Materials & Processes, Biomedical, Sensors, Electronics & Electr. Warfare, Space Platforms, Human Systems, Weapons, Nuclear Technology, Battlespace Environments, Air Platforms, Battlespace Environment, Biomedical Technology, Chemical Biological Defense Technology, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, and Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3015: Replacement Cost Facilities and Days used RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Provide the estimated FY03 replacement cost, to the nearest million dollars for Facilities valued above \$3M. Additionally, for each combination of function and technical capability area, provide the days used in FY01, FY02, and FY03.

**Source / Reference:** Local Property Office

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled "Detachment reporting.pdf" in the BRAC Library.

For the purpose of this question "facility" refers to a physical structure.

Complete the table for all major and unique RDTE&A facilities at the location.

Include Information Management & Information Technology & Communications facilities.

Major & Unique RDTE&A facilities (including Information Management & Information Technology facilities) are those that fall into at least one of the following groups: (a) integral to the building in which it is located (e.g., requires special engineering such as reinforced floors, electromagnetic shielding, special ventilation, etc.), (b) replacement cost will exceed \$3M, or (c) disassembly/reassembly cost will exceed \$3M.

Only count days the facility was used for its intended RDTE&A purpose. For example, if a research facility exists but is currently being used for some other purpose such as storage, this usage should not be counted.

Utilization may not exceed 365 days X 24 hours/day (8,760 hours). May not double-count usage across technical capability and functional areas.

For an individual building, ensure that all applicable function and technical capability areas are identified with days used. That is, a particular piece of equipment may be identified in multiple areas.

Unit Identification Code (UIC), Department of Defense Activity Address Code (DODAAC), Base Code Number for the entity performing the Technical Capability and Function aligned with the Square footage and Percentage of use identified.

if the facility is located at a detachment, enter the Detachment UIC, SRAN, BASE Code not the Primary.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>37</sup>	Tech Capability (List) multiple choice <sup>38</sup>	Facility Name (Text) string50	Replacement Cost (\$M) numeric	FY01 Hours Used (Count) numeric	FY02 Hours Used (Count) numeric	FY03 Hours Used (Count) numeric

<sup>37</sup> Choose a value from this list: Research, Test & Evaluation, Development & Acquisition

<sup>38</sup> Choose a value from this list: Air Platforms, Chemical & Biological Defense, Information Systems Technology, Ground Vehicles, Sea Vehicles, Materials & Processes, Biomedical, Sensors, Electronics & Electr. Warfare, Space Platforms, Human Systems, Weapons, Nuclear Technology, Battlespace Environments, Air Platforms, Battlespace Environment, Biomedical Technology, Chemical Biological Defense Technology, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensor, Electronics, and Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3016: Funded Research Transitioned to Development and Acquisition RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** List by name each 6.1, 6.2 and 6.3 funded technology (e.g., hardware, software and processes) that has transitioned to development and acquisition or directly to a DoD military organization (e.g., 82nd Airborne Division) or directly to a Commercial entity (e.g. copyright to 'XXXX Inc.') during FY01, FY02 and FY03, including the name of the development and acquisition program(s) that received the technology.

**Source / Reference:** STINFO (S&T Information Office) Records, Laboratory Records, Program Office records, Technical Transfer Office records, Intellectual Property Office records, and Army "Best Labs" Reports.

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

All technologies transitioned, whether to developmental or fielded systems, or to immediate use within DoD operations or to a commercial partner/customer are to be included.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The definition of 6.1, 6.2, and 6.3 funding are in the BRAC library under Research Funding definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Research Technical Capability (List) multiple choice <sup>39</sup>	Transitioned Technology (Text) string150	Receiving Org Type (List) multiple choice <sup>40</sup>	Receiving Org Name (Text) string50

<sup>39</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Information Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, Electronic Warfare, Space Platforms, Human Systems, Weapons, Nuclear Technology, Battlespace Environments

<sup>40</sup> Choose a value from this list: D&A Program, DOD Organization, Commercial Entity/Organization

## DoD #3017: Technology Demonstration, Development, Objectives Funding RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** List and identify total funding for FY01-02-03 only of all Advanced Concept Technology Demonstration (ACTD), Advanced Technical Demonstration (ATD), Defense Technology Objective (DTO), Technology Transfer Agreement (TTA) that were currently in work as of 30 September 2003 and funded into FY '04. Indicate one technical capability area and function with which to associate each. Do not include TTAs for reported ACTDs, ATDs, or DTOs.

**Source / Reference:** STINFO (S&T Information Office) Records, Laboratory Records, Program Office records, Technical Transfer Office records, Intellectual Property Office records, and Army "Best Labs" Reports.

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

For the purpose of this question, a "Technical Facility" is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. Data is only to be provided if research is being conducted in support of the ACTD, ATD, DTO, TTA. No D&A or T&E expenditures are to be reported. Only provide the amount of funding executed for the research function at the technical facility in support of the ACTD, ATD, DTO, TTA.

A particular technical capability area is to be chosen based on the one that has the greatest amount of executed dollars at the technical facility.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Research Tech Capability (List) multiple choice <sup>41</sup>	Tech Program Name (Text) string50	Funding Amount (\$K) numeric

<sup>41</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, and Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3018: Rapid Response capability delivered to the warfighter RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Name and provide total funding for FY01-02-03 only, broken down by technical capability area and function, each rapid response capability delivered in response to an urgent warfighter request (e.g. Urgent Need Statement, Urgent Material Release, Quick Response Capability, or Combat Capability Document (CCD) (previously Combat Mission Need Statement (CMSS))) during the time frame FY01-03 that was delivered in less than 12 months from identification of operational need to the reporting technical facility. In addition, identify the operational command/unit that requested and received the capability along with the quantity/number of items fielded.

**Source / Reference:** Financial Management Office authorizing the obligation of funds and/or program office records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF. A rapid response may be categorized in more than one technical capability area and the total funding may not exceed funding authorized for that operational requirement. The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>42</sup>	Tech Capability (List) multiple choice <sup>43</sup>	Rapid Response Capability (Text) string50	Receiving Unit/Command (Text) string50	Requesting Unit/Command (Text) string50	Delivered Qty (Count) numeric	Funding Amount (\$K) numeric

<sup>42</sup> Choose a value from this list: Research, D&A, T&E

<sup>43</sup> Choose a value from this list: Air Platforms, Battlespace Environments, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3019: Technical Intramural Funding Focus RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Select the warfighter capability appearing on the list below and identify the funding that has been executed intramurally in each capability by year for FY01, FY02, FY03. Report the amount of funding within each technical capability and function.

Advanced Detection and Mitigation of CBNRE

Advanced Guided Weapons

Advanced Propulsion

Anti-Materiel Weapons

Directed Energy Weapons

Distributed Netted Sensors

EM Guns and Accelerators

Fast, Survivable Sealift

Hypersonics

Information Warfare

Integrated Warrior

Laser Communication

Network Centric Info Management

Next Generation Stealth Enhanced Vehicles

Non-Lethal Weapons and Effects

Space (Enhanced Domain)

Unmanned Vehicles

**Source / Reference:** Program Office/Comptroller Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. You must identify ALL RDTE&A FUNDING RECEIVED at your location, regardless of source, that you subsequently used on an intramural basis per the definition of these terms contained in the question to conduct your work activities. Intramural funds are those used internally at your technical facility  
For the purpose of this question there is no comptroller definition for intramural funding.

Intramural refers to expenses incurred with in-house activities (labor, equipment, etc.). Intramural funding includes funding for all activities conducted within your facilities, including on-site contractors (e.g., SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc. for which the location is obliged to provide space).

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definitions of the warfighter capability areas may be found in the BRAC library under Descriptions of warfighter capabilities.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>44</sup>	Tech Capability (List) multiple choice <sup>45</sup>	Warfighter Capability (List) multiple choice <sup>46</sup>	FY01 Intramural Funding (\$K) numeric	FY02 Intramural Funding (\$K) numeric	FY03 Intramural Funding (\$K) numeric

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<sup>44</sup> Choose a value from this list: Research, D&A, T&E

<sup>45</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Systems, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, Electronic Warfare, Space Platforms, Weapons Technology

<sup>46</sup> Choose a value from this list: Advanced Detection & Mitigation of CBNRE, Advanced Guided Weapons, Advanced Propulsion, Anti-Materiel Weapons, Directed Energy Weapons, Distributed Netted Sensors, EM Guns and Accelerators, Fast, Survivable Sealift, Hypersonics, Information Warfare, Integrated Warrior, Laser Communication, Network Centric Info Management, Next Generation Stealth Enhanced Vehicles, Non-Lethal Weapons and Effects, Space (Enhanced Domain), Unmanned Vehicles

## DoD #3020: Technical Extramural Funding Focus RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Select the warfighter capability appearing on the list below and identify the funding that has been executed extramurally in each capability by year for FY01, FY02, FY03. Report the amount of funding within each technical capability and function.

Advanced Detection and Mitigation of CBNRE

Advanced Guided Weapons

Advanced Propulsion

Anti-Materiel Weapons

Directed Energy Weapons

Distributed Netted Sensors

EM Guns and Accelerators

Fast, Survivable Sealift

Hypersonics

Information Warfare

Integrated Warrior

Laser Communication

Network Centric Info Management

Next Generation Stealth Enhanced Vehicles

Non-Lethal Weapons and Effects

Space (Enhanced Domain)

Unmanned Vehicles

**Source / Reference:** Program Office/Comptroller Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

You must identify ALL RDTE&A FUNDING RECEIVED at your location, regardless of source, that you subsequently used on an extramural basis per the definition of these terms contained in the question to conduct your work activities. For the purpose of this question there is no comptroller definition for extramural funding. Extramural funds are those transferred to another DoD activity, or an organization outside DoD to perform your mission. Extramural funding includes funding transferred to another DoD activity by your activity to accomplish your mission, as well as transfers to organizations outside of the DoD. Include support functions associated with procurement, including fielding, new equipment training, provisioning, etc.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definitions of the warfighter capability areas may be found in the BRAC library under Descriptions of warfighter capabilities.PDF

*Please fill in the following table(s), adding rows as necessary*



ORGCODE (Text) string15	Function (List) multiple choice <sup>47</sup>	Tech Capability (List) multiple choice <sup>48</sup>	Warfighter Capability (List) multiple choice <sup>49</sup>	FY01Extramural Funding (\$K) numeric	FY02 Extramural Funding (\$K) numeric	FY03 Extramural Funding (\$K) numeric

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<sup>47</sup> Choose a value from this list: Research, D&A, T&E

<sup>48</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Systems, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, Electronic Warfare, Space Platforms, Weapons Technology

<sup>49</sup> Choose a value from this list: Advanced Detection & Mitigation of CBNRE, Advanced Guided Weapons, Advanced Propulsion, Anti-Materiel Weapons, Directed Energy Weapons, Distributed Netted Sensors, EM Guns and Accelerators, Fast, Survivable Sealift, Hypersonics, Information Warfare, Integrated Warrior, Laser Communication, Network Centric Info Management, Next Generation Stealth Enhanced Vehicles, Non-Lethal Weapons and Effects, Space (Enhanced Domain), Unmanned Vehicles

## DoD #3021: Technical Workload Focus by PATCOB RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Report the number of Professional and Technical FTE's for each of the Warfighter Capabilities listed below. Report the number of FTEs within in each technical capability and function by year for FY01, FY02, FY03.

- Advanced Detection and Mitigation of CBNRE
- Advanced Guided Weapons
- Advanced Propulsion
- Anti-Materiel Weapons
- Directed Energy Weapons
- Distributed Netted Sensors
- EM Guns and Accelerators
- Fast, Survivable Sealift
- Hypersonics
- Information Warfare
- Integrated Warrior
- Laser Communication
- Network Centric Info Management
- Next Generation Stealth Enhanced Vehicles
- Non-Lethal Weapons and Effects
- Space (Enhanced Domain)
- Unmanned Vehicles

**Source / Reference:** Program Office Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled "Detachment reporting.pdf" in the BRAC Library.

The Definitions of Function (Research, D&A, T&E) can be found in the reference Library under filename Function definitions.DOC

The Definitions for Technical Capabilities may be found in the Reference library under filename Tech Cap definitions.DOC

The Definition of PATCOB categories are in the reference library under document name PATCOB definition.doc

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

The Definition of PATCOB categories are in the BRAC library under document name PATCOB definition.PDF

The Definitions of the Warfighter Capability areas may be found in the BRAC library under Descriptions of warfighter capabilities.PDF

Count FTEs (based on a 2087 hour work year) executed by (a) DoD civilians, (b) military personnel, and (c) other non-government personnel (e.g. all on-site contractors such as SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc.) for which the location is obliged to provide space  
*Please fill in the following table(s), adding rows as necessary*

ORGCODE	Function	Tech	Warfighter	FY01 FTEs	FY02 FTEs	FY03 FTEs
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(Text) string15	(List) multiple choice <sup>50</sup>	Capability (List) multiple choice <sup>51</sup>	Capability (List) multiple choice <sup>52</sup>	(Count) numeric	(Count) numeric	(Count) numeric

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<sup>50</sup> Choose a value from this list: Research, D&A, T&E

<sup>51</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, Electronic Warfare, Space Programs, Weapons Technology

<sup>52</sup> Choose a value from this list: Advanced Guided Weapons, Advanced Propulsion, Directed Energy Weapons, Distributed Netted Sensors, Fast, Survivable Sealift, Non-Lethal Weapons and Effects, Space (Enhanced Domain), Unmanned Vehicles, Anti-Materiel Weapons, EM Guns and Accelerators, Hypersonics, Information Warfare, Integrated Warrior, Laser Communication, Network Centric Info Management, Next Generation Stealth Enhanced Vehicles, Advanced Detection & Mitigation of CBNRE

## DoD #3022: Acquisition Category (ACAT) Delivered Count RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** By technical capability area in the D&A function identify the count of ACAT programs that have been fielded during FY01-03. For ACAT I & II, report the program if you are the executive agent or where the funding exceeds \$10M or FTEs exceed 30 aggregated over the period FY01-03. For ACAT III and IV, report the program if you are the executive agent or if at least 15 FTEs of your technical or professional workforce was involved in the program aggregated over FY01-03.

**Source / Reference:** Program Office Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled “Detachment reporting.pdf” in the BRAC Library.

Enter ACAT I - IV Count for FY01-FY03

Fielded refers to attaining IOC as defined in JCS Pub 1-02, the first attainment of the capability to employ effectively a weapon, item of equipment or system of approved specific characteristics, and which is manned and operated by an adequately trained, equipped and supported military force or unit.

Report the program if you are the executive agent or if at least \$10M or 30 FTEs of your technical or professional workforce was involved in the program over FY01-03..

The Definitions of Function (Research, D&A, T&E) can be found in the reference Library under filename Function definitions.DOC

## The Definitions for Technical Capabilities may be found in the DoD #3023: Acquisitions Category (ACAT) In Work Count RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** By technical capability area in the D&A function, identify the count of ACAT I and II programs that were currently in work at your technical facility as of 30 September 2003 and funded into FY '04. For ACAT I and II, report the program if you are the executive agent or where the funding exceeds \$10M or FTEs exceed 30 aggregated over the period FY01-03. For ACAT III and IV, report the program if you are the executive agent or if at least 15 FTEs of your technical or professional workforce was involved in the program aggregated over FY01-03.

**Source / Reference:** Program Office Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled “Detachment reporting.pdf” in the BRAC Library.

For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location.

Enter ACAT I-IV Count for FY01-FY03

For ACAT I and II, report the program if you are the executive agent or where the funding exceeds \$10M or FTEs exceed 30 aggregated over the period FY01-03. For ACAT III and IV, report the program if you are the executive agent or if at least 15 FTEs of your technical or professional workforce was involved in the program aggregated over FY01-03.

The Definitions of Function (Research, D&A, T&E) can be found in the reference Library under filename Function definitions.DOC

**The Definitions for Technical Capabilities may be found in the DoD #3024: Technical Capability Joint Participation RD(A)T&E**

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Identify by function and technical capability area all technical funded programs (e.g. Sidewinder, F-22, PATRIOT) in which your technical facility participated (managed and/or executed), along with associated funding levels for which external organizations benefit (e.g. supporting Joint Service (DoD), other domestic government, or international military requirements) during the period FY01 through FY03.

**Source / Reference:** Program Office Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph b) of the document titled “Detachment reporting.pdf” in the BRAC Library.

For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF. Total funding may not exceed total authorization for the particular program in a given FY.

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>53</sup>	Tech Capability (List) multiple choice <sup>54</sup>	Program Name (Text) string50	FY01Funding (\$K) numeric	FY02 Funding (\$K) numeric	FY03 Funding (\$K) numeric

<sup>53</sup> Choose a value from this list: Research, D&A, T&E

<sup>54</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensors, Electronics, Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3025: Funding - Other Services Programs RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Identify by function and technical capability area all other Services’ programs (including international and other government agencies) and funding that was executed at your technical facility during the FY01 through FY03.

**Source / Reference:** Program Office/Comptroller Records

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph a) of the document titled “Detachment reporting.pdf” in the BRAC Library.

For the purpose of this question, a “Technical Facility” is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location. You must identify ALL RDTE&A FUNDING RECEIVED at your location, regardless of source, that you subsequently used on an INTRAMURAL basis per the definition of these terms contained in the question to conduct your work activities. INTRAMURAL funds are those used internally at your technical facility. For the purpose of this question there is no comptroller definition for INTRAMURAL funding.

INTRAMURAL refers to expenses incurred with in-house activities (labor, equipment, etc.). INTRAMURAL funding includes funding for all activities conducted within your facilities, including on-site contractors (e.g., SETA, A&AS, A76, all on-site FFRDC personnel, Intergovernmental Personnel Act appointees, etc. for which the location is obliged to provide space).

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>55</sup>	Tech Capability (List) multiple choice <sup>56</sup>	Program Name (Text) string50	FY01 Intramural Funding (\$K) numeric	FY02 Intramural Funding (\$K) numeric	FY03 Intramural Funding (\$K) numeric

<sup>55</sup> Choose a value from this list: Research, D&A, T&E

<sup>56</sup> Choose a value from this list: Air Platforms, Battlespace Environment, Biomedical, Chemical Biological Defense, Ground Vehicles, Sea Vehicles, Human Systems, Information Systems, Materials and Processes, Nuclear Technology, Sensor, Electronics, Electronic Warfare, Space Platforms, Weapons Technology

## DoD #3026: Proximity RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Count all customers/users, industry partners, non-DoD agencies that were supporting your RD(A)T&E mission through formal agreement (e.g. contract, CRADA, Technical Exchange Agreement (TEA), Commercial Service Agreement (CSA), Memorandums of Agreement (MOA) Educational Partnership Agreement, etc.) as of 30 September 2003 and were either co-located or located within 60 miles of your front/main gate. In addition, count all university/college-level academic institutions that are located within 60 miles of your front/main gate. Additionally count other functions (R, D&A, or T&E) performed within each technical capability in your technical facility at the end of FY03 and were either co-located or located within 60 miles of your front/main gate; e.g., your technical facility performs Air Platform Research work and another entity at your location performs Air Platform D&A - the D&A entity, then, would be counted as an "Other" function for Air Research.

**Source / Reference:** Program Office Records (for Customer/User and Industry Partners)  
Unit HR Office (for Academic Institutions)

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph c) of the document titled "Detachment reporting.pdf" in the BRAC Library.

For the purpose of this question, a "Technical Facility" is defined as a collection of people and physical infrastructure that performs a technical Function in a specific technical capability area at a specific location.

Examples

**Customer/User:** Within a technical Capability and function, an operational unit uses your equipment at their home station and there is an established relationship via formal agreement where proximity may improve insights into product performance.

**Industry Partners:** Contractor whose core business/service categorically aligns with a technical capability and function and holds one or more agreements supporting your effort in the technical capability and function.

**Non-DoD agency:** a Government, State, or Federal entity whose mission is categorically aligned with a technical capability and function and holds one or more agreements supporting your effort in the technical capability and function.

**Academic institution:** any academically accredited institution of higher learning (Collegiate level) that provides core or specialized studies in the disciplines required by Professional and Technical personnel in a technical capability and function.

**Other Function:** Work is performed across multiple functions (e.g. R, D&A, T&E) at your location.

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>57</sup>	Technical Capability (List) multiple choice <sup>58</sup>	Proximity Type (List) multiple choice <sup>59</sup>	Count (Count) numeric

<sup>57</sup> Choose a value from this list: Research, D&A, T&E

<sup>58</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments

<sup>59</sup> Choose a value from this list: Customer/User, Industry Partner, Non-DOD Agency, Academic Institution, Other Function

## DoD #3027: Dual Use - Technical Infrastructure RD(A)T&E

**JCSG:** Technical

**Function(s):** RDTE&A

**Question:** Provide total count and funding levels for FY01-03 only, broken down by technical capability and function, of all academia, industry, non-military, or international programs/activities that used your technical infrastructure (buildings, labs, or equipment) through formal agreement (e.g. contract, CRADA, Technical Exchange Agreement (TEA), Commercial Service Agreement (CSA), Memorandums of Agreement (MOA) Educational Partnership Agreement, etc.)

**Source / Reference:** Organizational Plans/Programs office records or comparable

**Amplification:** For Amplification on how to report detachments for this question refer to paragraph c) of the document titled "Detachment reporting.pdf" in the BRAC Library.

The Definitions of Function (Research, D&A, T&E) can be found in the BRAC Library under filename Function definitions.PDF

The Definitions for Technical Capabilities may be found in the BRAC library under filename Tech Cap definitions.PDF

*Please fill in the following table(s), adding rows as necessary*

ORGCODE (Text) string15	Function (List) multiple choice <sup>60</sup>	Technical Capability (List) multiple choice <sup>61</sup>	Funding Amount (\$K) numeric	Count (Count) numeric

<sup>60</sup> Choose a value from this list: Research, D&A, T&E

<sup>61</sup> Choose a value from this list: Air Platforms, Chemical Biological Defense, Info Systems Technology, Ground Vehicles, Sea Vehicles, Materials and Processes, Biomedical, Sensors, Electronics, and EW, Space Platforms, Human Systems, Weapons Technology, Nuclear Technology, Battlespace Environments