

## D&CP – TECHNICAL SUPPORT WORKING GROUP

### *Resource Summary*

(\$ in thousands)

Appropriations	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request	Increase / Decrease
Funds	1,535	3,016	3,031	15

### *Mission*

The U.S. Government response to terrorism features extensive interagency and international efforts to develop and deploy technologies for first responder, military, law enforcement, and intelligence personnel at the federal, state, and local level. The Office of the Coordinator for Counterterrorism and the Department of Defense co-chair the interagency Technical Support Working Group (TSWG), which rapidly develops a broad range of novel technologies to counter advances in terrorists' methods and technical capabilities. Annual funding supports the Department's contribution and leverages additional interagency investments in TSWG technology development activities, including cooperative international research and development activities to enhance capabilities across the counterterrorism mission space. Technology developed by the TSWG is extensively deployed domestically and overseas.

### *Priorities*

TSWG priorities are to:

- Identify, prioritize, and satisfy interagency and international technology and equipment capability requirements to support enhanced intelligence collection, law enforcement, and operations against terrorist activities and capabilities;
- Develop technologies to detect and combat terrorist use of explosives and other materials that can be used to produce mass casualties, especially chemical, biological, radiological or nuclear materials; and
- Enhance physical security capabilities, especially intruder detection, infrastructure protection, and blast mitigation countermeasures; and
- Expand cooperative counterterrorism research and development projects with long-term foreign partners.

The following indicator is representative of the metrics used by the Office of the Coordinator for Counterterrorism to track performance of its programs; it measures the percentage of TSWG projects completed on time and within budget and an increase in the number of projects completed annually that develop and test new technologies in support of combating terrorism.

<b>STRATEGIC GOAL: ACHIEVING PEACE AND SECURITY</b>	
<b>Strategic Priority: Counterterrorism</b>	
<b>Indicator:</b> Status of TSWG Research Projects	
Target FY 2010	70 percent of currently funded research projects completed on time and within budget. 5 percent increase in the number of research projects accepted. Continue full research and development (R&D) programs with existing and new foreign partners. Continue threat/technology seminars for national and international cooperative partners.
Target FY 2009	70 percent of currently funded research projects completed on time and within budget. 5 percent increase in the number of research projects accepted. Initiate pilot cooperative R&D program with new foreign partners. Continue threat/technology seminars for national and international cooperative partners.
Target FY 2008	70 percent of currently funded research projects completed on time and within budget. 5 percent increase in the number of research projects accepted. Initiate pilot cooperative R&D program with new foreign partners. Continue threat/technology seminars for national and international cooperative partners.

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Results FY 2008	<p>Rating: On Target</p> <p>International Cooperation: The TSWG expanded cooperative research and development projects with two new foreign partners, Australia and Singapore, while maintaining robust and productive programs with three long-term partners, Canada, Israel, and the United Kingdom. Cooperative projects are underway in the areas of explosives detection; blast mitigation; physical security Working Groups and Conferences: The TSWG continued and enhanced sponsorship of an Interagency (U.S. Government only) Working Group on Homemade Explosives (HME) and held a second annual International Workshop on HME in March 2008. The TSWG also sponsored an International Maritime Security Technology Workshop in May 2008. A formalized Interagency Working Group on Counter-Tunnel Operations was initiated in 2007 and carried forward regular meetings in 2008.</p>
Impact	<p>The TSWG impact is fielding equipment for counterterrorism activities. Physical security and protective technologies are developed and evaluated in direct coordination with international partners. International working groups and conferences allow the USG to prioritize R&amp;D activities in conjunction with foreign partners who share in the cost and effort, resulting in rapid and efficient solutions.</p>
Results FY 2007	<p>The TSWG initiated pilot cooperative R&amp;D programs with its two new foreign partners. Projects with each country are underway in the areas of explosive detection, blast mitigation, physical security, chemical-biological countermeasures, and forensic sciences.</p> <p>The TSWG developed, tested, and deployed a number of products designed to: detect explosives and explosive components; protect critical installations and fortifications from enhanced blast effects; detect poisons in foods and detect, model dispersal patterns, and decontaminate chemical agents and toxic industrial chemicals used by terrorists; facilitate sniper detection, and defeat by U.S. military and other federal counterterrorist forces; and enhance forensic investigative capabilities.</p>
Results FY 2006	<p>TSWG developed, tested, and deployed a number of systems to enhance physical security of facilities, including systems for detecting intruders, monitoring mass-transit systems, detecting suspicious items in shipping containers and vehicles, and upgrading the capabilities of fixed and portable structures to withstand the effects of explosive blast and fragmentation penetration.</p> <p>New or enhanced forensic and investigative capabilities were established to record and authenticate video images for evidentiary purposes; to quickly examine, transmit, and identify false documents; and to determine proficiency and error rates for forensic document analysis, thereby improving prosecution of terrorist and criminal suspects.</p>
Results FY 2005	<p>70 percent of currently funded research projects are completed on time and within budget.</p> <p>5 percent increase in the number of research projects accepted.</p> <p>Initiated pilot cooperative Research and Development program with new foreign partners.</p> <p>Continue threat/technology solutions workshop program.</p>
<b>VERIFICATION AND VALIDATION</b>	
Data Source and Quality	<p>The TSWG in the DoD Combating Terrorism Technical Support Office (CTTSO) collected data. The data are published in DoD CTTSO Annual Program Review. Indicator measures percentage of successful projects and an increase of projects that develop technologies to combat terrorism. 70% completion metric is a realistic indicator of success.</p>

### ***FY 2010 Request Resource Summary***

	Positions			Funds (\$ in thousands)			
	American		FSN	Pos Total	Bureau Managed	American Salaries	Funds Total
	Domestic	Overseas					
FY 2008 Actual	0	0	0	0	1,535	0	1,535
FY 2009 Estimate	0	0	0	0	3,016	0	3,016
FY 2010 Built-in Changes							
Domestic Inflation	0	0	0	0	15	0	15
Total Built-in Changes	0	0	0	0	15	0	15
FY 2010 Current Services	0	0	0	0	3,031	0	3,031
FY 2010 Request	0	0	0	0	3,031	0	3,031

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### *Funds by Program Activity*

(\$ in thousands)

Technical Support Working Group	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request	Increase / Decrease
Counter-Terrorism Programs	1,535	3,016	3,031	15
<b>Total</b>	<b>1,535</b>	<b>3,016</b>	<b>3,031</b>	<b>15</b>

### *FY 2010 Request Program Activities*

Department Of State	Positions				Funds (\$ in thousands)		
	American		FSN	Pos Total	Bureau Managed	American Salaries	Funds Total
Domestic	Overseas						
Counter-Terrorism Programs	0	0	0	0	3,031	0	3,031
<b>Total</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>0</b>	<b>3,031</b>	<b>0</b>	<b>3,031</b>

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### *Funds by Domestic Organization Unit*

(\$ in thousands)

Technical Support Working Group	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request	Increase / Decrease
Other Office of the Secretary-CT-INS	1,535	3,016	3,031	15
<b>Total</b>	<b>1,535</b>	<b>3,016</b>	<b>3,031</b>	<b>15</b>

### *Funds by Object Class*

(\$ in thousands)

Technical Support Working Group	FY 2008 Actual	FY 2009 Estimate	FY 2010 Request	Increase / Decrease
2500 Other Services	1,535	3,016	3,031	15
<b>Total</b>	<b>1,535</b>	<b>3,016</b>	<b>3,031</b>	<b>15</b>