

# 2009 Current Fiscal Year Report: Sensors and Instrumentation Technical Advisory Committee

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<b>1. Department or Agency</b> Department of Commerce	<b>2. Fiscal Year</b> 2009
<b>3. Committee or Subcommittee</b> Sensors and Instrumentation Technical Advisory Committee	<b>3b. GSA Committee No.</b> 370

<b>4. Is this New Fiscal Year?</b> No	<b>5. Current Charter</b> 09/21/2009	<b>6. Expected Renewal Date</b> 09/21/2011	<b>7. Expected Term Date</b>
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<b>8a. Was Terminated During Fiscal Year?</b> No	<b>8b. Specific Termination Authority</b>	<b>8c. Actual Term Date</b>
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<b>9. Agency Recommendation for Next Fiscal Year</b> Continue	<b>10a. Legislation Req to Terminate?</b> No	<b>10b. Legislation Pending?</b> Enacted
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**11. Establishment Authority** Statutory (Congress Created)

<b>12. Specific Establishment Authority</b> 50 U.S.C. app. 2401-2420, as continued by EO 12924	<b>13. Effective Date</b> 07/12/1985	<b>14. Committee Type</b> Continuing	<b>14c. Presidential?</b> No
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**15. Description of Committee** Scientific Technical Program  
Advisory Board

**16a. Total Number of Reports** No Reports for this Fiscal Year

**17a. Open** 0 **17b. Closed** 0 **17c. Partially Closed** 4 **Other Activities** 0 **17d. Total** 4

## Meetings and Dates

Purpose	Start	End
To advise the Department of Commerce on technical questions that affect the level of applicable export controls.	10/28/2008	10/28/2008

To advise the Department of Commerce on technical questions that affect the level of applicable export controls. 01/27/2009 - 01/27/2009

To advise the Department of Commerce on technical questions that affect the level of applicable export controls. 04/28/2009 - 04/28/2009

To advise the Department of Commerce on technical questions that affect the level of applicable export controls. 07/28/2009 - 07/28/2009

**Number of Committee Meetings Listed: 4**

	<b>Current FY</b>	<b>Next FY</b>
<b>18a(1). Personnel Pmts to Non-Federal Members</b>	\$0.00	\$0.00
<b>18a(2). Personnel Pmts to Federal Members</b>	\$0.00	\$0.00
<b>18a(3). Personnel Pmts to Federal Staff</b>	\$30,350.00	\$30,350.00
<b>18a(4). Personnel Pmts to Non-Member Consultants</b>	\$0.00	\$0.00
<b>18b(1). Travel and Per Diem to Non-Federal Members</b>	\$0.00	\$0.00
<b>18b(2). Travel and Per Diem to Federal Members</b>	\$0.00	\$0.00
<b>18b(3). Travel and Per Diem to Federal Staff</b>	\$0.00	\$0.00
<b>18b(4). Travel and Per Diem to Non-member Consultants</b>	\$0.00	\$0.00
<b>18c. Administrative Costs (FRNs, contractor support, In-person/hybrid/virtual meetings)</b>	\$0.00	\$0.00
<b>18d. Other (all other funds not captured by any other cost category)</b>	\$3,850.00	\$3,850.00
<b>18e. Total Costs</b>	\$34,200.00	\$34,200.00

<b>19. Federal Staff Support Years (FTE)</b>	0.30	0.30
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**20a. How does the Committee accomplish its purpose?**

In FY 2009 the Sensors and Instrumentation Technical Advisory Committee (SITAC) made significant progress in the thermal imaging export controls. The Bureau of Industry and Security (BIS) led a successful effort resulting in the desired changes to non-military thermal imaging export controls. The rule change has been noted as UTIC (uncooled thermal imaging controls). The Committee re-engaged efforts to resolve the Regional Stability control matter, this was accomplished with UTIC rule change. The Committee successfully submitted the foreign availability petition with support of the UTIC change and ongoing compliance. On an ongoing basis, the Committee will continue to assess relevancy of existing controls on seismic, acoustic, and infrared sensor technologies in light of current technology availability. The Committee will work with BIS to clarify the interpretation of the UTIC regulation, and to monitor and support industry compliance of the reporting requirements; will help resolve the root cause of ongoing commodity jurisdiction actions on night vision camera license applications, particularly those with 640x480 pixel-driven detectors; support U.S. representatives on the Wassenaar sensors Expert Working Group to develop fair export control proposals over thermal imaging cameras; and promote the use of Special Comprehensive Licenses for thermal imaging equipment.

**20b. How does the Committee balance its membership?**

The SITAC is composed of industry

representatives, and U.S. Government agencies with specific technical or export control expertise. Members of the SITAC possess a wide range of technical knowledge regarding the design, manufacture, and export of commodities and technology currently listed in Control List Categories 3 and 6.

**20c. How frequent and relevant are the Committee Meetings?**

The SITAC met four times during FY 2009. The meetings allowed the SITAC to advise the Department on the technical parameters for commodities and technology within Commerce Control List Categories 3 and 6.

**20d. Why can't the advice or information this committee provides be obtained elsewhere?**

The SITAC makes recommendations regarding commodities and technical data within Control List Category 3 (electronics - instrumentation section) and Category 6 (sensors). Through this Committee, the Department brings together technically qualified persons with expertise on a wide range of electronic instrumentation and sensor equipment. The Committee provides a forum for technical advice that would otherwise be unavailable.

**20e. Why is it necessary to close and/or partially closed committee meetings?**

Closed sessions are held to allow for discussion of information classified for reasons of national security, information the premature disclosure of which would be likely to significantly frustrate implementation of a proposed agency action, or information of a commercial or financial nature that is privileged or confidential.

## 21. Remarks

Authorization by the Export Administration Act of 1979 (50 U.S.C. app. 2401-2420) as amended by the Export Administration Amendments Act of 1985, P.L. 99-64, 99 Stat. 120 (July 12, 1985). Although the Export Administration Act of 1979 (EAA), as amended, has expired, its provisions and those of the Export Administration Regulations were continued in effect, and to the extent permitted by law, when the President by Executive Order invoked the International Emergency Economic Powers Act.

## Designated Federal Officer

Christopher Costanzo DFO

<b>Committee Members</b>	<b>Start</b>	<b>End</b>	<b>Occupation</b>	<b>Member Designation</b>
Burkle, David	12/08/2005	12/08/2009	ITT Industries Night Vision	Representative Member
Chuchla, Joseph	08/03/2006	08/03/2010	Consultant	Representative Member Regular
Costanzo, Christopher	10/01/2003	09/29/2010	Department of Commerce	Government Employee (RGE) Member Regular
Garel, Robert	10/01/2003	10/01/2009	Department of State	Government Employee (RGE) Member
Goodrich, John	08/06/2008	08/06/2012	Infrared Solutions, Inc.	Representative Member
Hitz, Breck	12/06/2007	12/06/2011	LEOMA	Representative Member
Konsin, Lawrence	08/03/2006	08/03/2010	Thermal Imaging Systems	Representative Member
Little, David	10/04/2005	10/04/2009	ISG Thermal Systems USA, Inc.	Representative Member
Posner, Gerald	10/04/2005	10/04/2009	Mikron Infrared, Inc.	Representative Member
Shah, Manjul	09/11/2007	09/11/2011	Princeton Instruments	Representative Member
Tack, Leslie	07/18/2007	07/18/2011	Intevac Corporation	Representative Member
Tribble, Steven	10/04/2005	10/04/2009	FLIR Systems, Inc.	Representative Member
Vallese, Frank	12/22/2004	12/22/2008	Electrophysics Corporation	Representative Member

**Number of Committee Members Listed: 13**

**Narrative Description**

Industry input regarding export controls on sensors and instrumentation is crucial in developing policy that will maintain competitiveness in the global marketplace while addressing vital national security concerns. The industry forum provided by the Sensors and Instrumentation Technical Advisory Committee is a resource that effectively addresses both the technical and the economic factors that should be considered in developing export control policy.

**What are the most significant program outcomes associated with this committee?**

Checked if  
Applies

- Improvements to health or safety
- Trust in government
- Major policy changes
- Advance in scientific research
- Effective grant making
- Improved service delivery
- Increased customer satisfaction
- Implementation of laws or regulatory requirements
- Other

**Outcome Comments**

NA

**What are the cost savings associated with this committee?**

Checked if Applies

- None
- Unable to Determine
- Under \$100,000
- \$100,000 - \$500,000
- \$500,001 - \$1,000,000

\$1,000,001 - \$5,000,000

\$5,000,001 - \$10,000,000

Over \$10,000,000

Cost Savings Other

### **Cost Savings Comments**

NA

**What is the approximate Number of recommendations produced by this committee for the life of the committee?**

24

### **Number of Recommendations Comments**

The Committee meets four times per year and has an average of six recommendations per meeting.

**What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?**

25%

### **% of Recommendations Fully Implemented Comments**

NA

**What is the approximate Percentage of these recommendations that have been or will be Partially implemented by the agency?**

45%

### **% of Recommendations Partially Implemented Comments**

NA

**Does the agency provide the committee with feedback regarding actions taken to implement recommendations or advice offered?**

Yes  No  Not Applicable

### **Agency Feedback Comments**

The agency includes the Sensors and Instrumentation Technical Advisory Committee in the process of incorporating the determinations of the various multilateral regimes into the Export Administration Regulations.

**What other actions has the agency taken as a result of the committee's advice or recommendation?**

Checked if Applies

- Reorganized Priorities
- Reallocated resources
- Issued new regulation
- Proposed legislation
- Approved grants or other payments
- Other

**Action Comments**

NA

**Is the Committee engaged in the review of applications for grants?**

No

**Grant Review Comments**

NA

**How is access provided to the information for the Committee's documentation?**

Checked if Applies

- Contact DFO
- Online Agency Web Site
- Online Committee Web Site
- Online GSA FACA Web Site
- Publications
- Other

**Access Comments**

N/A