2026 Current Fiscal Year Report: Materials and Equipment Technical Advisory Committee

Report Run Date: 11/25/2026 03:07:01 AM

1. Department or Agency	2. Fiscal Year
Department of Commerce	2026

3. Committee or Subcommittee	3b. GSA Committee No.
Materials and Equipment Technical Advisory Committee	360

4. Is this New During Fiscal Year?	5. Current Charter	6. Expected Renewal Date	7. Expected Term Date
No	10/19/2023	10/19/2025	

8a. Was Terminated During FiscalYear?	8b. Specific Termination Authority	8c. Actual Term Date
No		

9. Agency Recommendation for Next FiscalYear	10a. Legislation Req to Terminate?	10b. Legislation Pending?
Continue	Not Applicable	Not Applicable

11. Establishment Authority Statutory (Congress Created)

12. Specific Establishment Authority	13. Effective Date	14. Commitee Type	14c. Presidential?
Sections 1754 and 1768 of the Export Control Reform Act of 2018 (ECRA) (50 U.S.C. §§ 4801-4852)	07/12/1985	Continuing	No

15. Description of Committee Scientific Technical Program Advisory Board

16a. Total Number of Reports	No Reports for this FiscalYear

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

Meetings and Dates

No Meetings

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

20a. How does the Committee accomplish its purpose?

The Materials and Equipment Technical Advisory Committee (METAC or Committee) focused on the following topics in FY2025: current and emerging neurotechnology in the global bioeconomy; challenges and considerations associated with the export of alloyed materials; life sciences

instruments and consumables used to study genes, proteins, metabolites, and cells to understand the causes of disease, identify new therapies, and develop and provide new drugs and vaccines in a global environment; the landscape, challenges, and adoption of Additive Manufacturing; the National Foreign Trade Council's national security initiative to ensure that the U.S. considered critical infrastructure, supply chains, and foreign investment, in addition to new and emerging technologies; the modernization of U.S. Customs and Border Protection export processes; BIS's role in the Committee on Foreign Investment in the United States (CFIUS); export control challenges in the manufacture of synthetic DNA; and the development of the U.S. bioindustrial manufacturing base. Primary recommendations included strategies to control the use of emerging technologies, such as Artificial Intelligence and Machine Learning, to synthesize chemical or biological weapons and toxic agents; the evaluation of metal-organic frameworks used to bind chemicals and their potential applicability in defensive chemical applications; continued discussions on leveling the playing field for licensing policies among signatories to the international control groups; and ongoing dialogue concerning guidelines for sanctioned parties on the Entity List pertaining to exports of items to hospitals and other humanitarian end users that might have been subordinate to military end users. The METAC planned to maintain prescheduled meetings for FY2025 with the goal of maximizing membership and official attendance. The dates of the METAC meetings were to remain synchronized with those of the Transportation and Related Equipment Technical Advisory Committee to enable cross-TAC working groups on issues affecting

Categories 1, 2, and 9. Members were encouraged to raise awareness of the METAC and recommend prospective members to appropriate representatives of suitable companies. Working groups for Control of Gene Function and tariff inclusion on the HVA of licenses were to continue meeting, along with less formal working groups that supported ongoing international control group proposals and provided an industry perspective for U.S. Government discussions concerning the overall improvement of export regime controls and METAC-related issues.

20b. How does the Committee balance its membership?

The METAC is composed of industry representatives and U.S. Government agencies with specific technical or export control expertise. The principal sources for industry members are large and small firms located throughout the country that produce materials, hardware and software, and design, develop and manufacture machine tools and equipment, as well as consultants and attorneys that represent these companies. The Committee's activities include evaluation and commentary on data and other evidence available from the Department of Commerce, other reliable sources, and its own experience.

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

The METAC met four times during FY 2025. The Materials and Equipment Technical Advisory Committee (METAC) met four times during FY2025: November 7th, 2024; April 3rd, 2025; June 5th, 2025; and August 7th, 2025. The METAC successfully addressed technical issues related to the commodities and technology within

Control List Categories 1 and 2. Also, please note no meetings were held in FY26. Please delete FY25 meeting info.

20d. Why can't the advice or information this committee provides be obtained elsewhere?
The METAC reviews proposals regarding Control List: Category 1 (materials, chemicals, microorganisms, and toxins); and Category 2 (automated manufacturing equipment). Through this Committee, the Department of Commerce can obtain the advice of otherwise unavailable individuals who possess a high quality of expertise in the areas of advanced materials. No other sources within the Government can advise on the technical parameters for export controls in these areas.

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
The METAC is authorized under Sections 1754 and 1768 of the Export Control Reform Act of 2018 (ECRA) (50 U.S.C. §§ 4801-4852), the Export Administration Regulations (EAR) (15 C.F.R. Parts 730-774), and the provisions of the Federal Advisory Committee Act, as amended (FACA) (5 U.S.C. §1001 et seq.) The charter was not renewed so there were no meetings, no recommendations, or no reports in FY26.

Designated Federal Officer

Betty Lee DFO

Committee Members	Start	End	Occupation	Member Designation
Free, Galina	11/06/2019	12/15/2026	Danaher	Representative Member
Friedman, Douglas	02/07/2024	02/07/2028	BioMade	Representative Member
McClafferty, Eric	12/18/2022	12/18/2026	Kelley Drye & Warren LLP	Representative Member
Metters, Dawn	12/18/2022	12/18/2026	Sundyne	Representative Member
Moor, James	11/14/2022	11/14/2026	Pratt & Whitney	Representative Member
Shaughnessy, Tina	05/23/2022	05/23/2026	TE Connectivity	Representative Member

Number of Committee Members Listed: 6

Narrative Description

The Materials and Equipment Technical Advisory Committee provides the Department of Commerce with technical and business expertise from a cross section of the biotechnology and materials industries. Its advice on the practicability and effectiveness of export controls on etiological agents, materials, and the related instrumentation and technology has been invaluable to the Department in developing export policy. The Committee is a readily available resource for the Department to call on in preparing for negotiations within the applicable multilateral regimes.

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?
28

Number of Recommendations Comments
No recommendations were made in FY26. No change from FY25.

What is the approximate Percentage of these recommendations that have been or will be Fully implemented by the agency?
0%

% of Recommendations Fully Implemented Comments
N/A

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

2%

% of Recommendations Partially Implemented Comments

The METAC discussed the following recommendations which are expected to continue into FY2026: • Consider forming a working group to review ECCN 2B350 and upcoming changes. • Continued discussion on AI/Machine Learning driven strategies/controls relevant to the creation of chemical weapons/biologic agents vs. Dual Use applications. Consider built in safeguards to look for key words or patterns in questions that would indicate malicious intent and prohibit output. • Continued discussion on metal-organic frameworks that can be tuned to bind specific chemicals. Metal-organic frameworks have been explored for a variety of defense and dual use applications. • Continued discussion on leveling the playing field for licensing policy across all signatories of the international control groups (i.e., WA, NSG, AG, MTCR) or at least amongst the U.S. and EU. • Continue ongoing review and conversation of guidelines for sanctioned parties on the entity list specifically as it pertains to hospitals that are subordinate to military end users. Potentially consider if guidance like what is used for the BARC Hospital is possible for certain regions (e.g., China). • Continue ongoing review and conversation if it is possible to create a reference document (e.g., downloadable list) to identify which Harmonized Tariff Schedule (HS) codes are revised for restrictions to Russia.

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 involves the Materials and Equipment Technical Advisory Committee in the process of implementing the negotiated export controls through the Export Administration Regulations. The Public is informed through its website and the Federal Register.

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