cluding frontline employees, for potential security threats and conditions.

(b) Consultation

The Secretary shall develop the interim final and final regulations under subsection (a) in consultation with—

(1) appropriate law enforcement, fire service, security, and terrorism experts;

(2) representatives of public transportation agencies; and

(3) nonprofit employee labor organizations representing public transportation employees or emergency response personnel.

(c) Program elements

The interim final and final regulations developed under subsection (a) shall require security training programs to include, at a minimum, elements to address the following:

(1) Determination of the seriousness of any occurrence or threat.

(2) Crew and passenger communication and coordination.

(3) Appropriate responses to defend oneself, including using nonlethal defense devices.

(4) Use of personal protective devices and other protective equipment.

(5) Evacuation procedures for passengers and employees, including individuals with disabilities and the elderly.

(6) Training related to behavioral and psychological understanding of, and responses to, terrorist incidents, including the ability to cope with hijacker behavior, and passenger responses.

(7) Live situational training exercises regarding various threat conditions, including tunnel evacuation procedures.

(8) Recognition and reporting of dangerous substances and suspicious packages, persons, and situations.

(9) Understanding security incident procedures, including procedures for communicating with governmental and nongovernmental emergency response providers and for on scene interaction with such emergency response providers.

(10) Operation and maintenance of security equipment and systems.

(11) Other security training activities that the Secretary deems appropriate.

(d) Required programs

(1) Development and submission to Secretary

Not later than 90 days after a public transportation agency meets the requirements under subsection (e), each such public transportation agency shall develop a security training program in accordance with the regulations developed under subsection (a) and submit the program to the Secretary for approval.

(2) Approval

Not later than 60 days after receiving a security training program proposal under this subsection, the Secretary shall approve the program or require the public transportation agency that developed the program to make any revisions to the program that the Secretary determines necessary for the program to meet the requirements of the regulations. A public transportation agency shall respond to the Secretary's comments within 30 days after receiving them.

(3) Training

Not later than 1 year after the Secretary approves a security training program proposal in accordance with this subsection, the public transportation agency that developed the program shall complete the training of all employees covered under the program.

(4) Updates of regulations and program revisions

The Secretary shall periodically review and update, as appropriate, the training regulations issued under subsection (a) to reflect new or changing security threats. Each public transportation agency shall revise its training program accordingly and provide additional training as necessary to its workers within a reasonable time after the regulations are updated.

(e) Applicability

A public transportation agency that receives a grant award under this subchapter shall be required to develop and implement a security training program pursuant to this section.

(f) Long-term training requirement

Any public transportation agency required to develop a security training program pursuant to this section shall provide routine and ongoing training for employees covered under the program, regardless of whether the public transportation agency receives subsequent grant awards.

(g) National Training Program

The Secretary shall ensure that the training program developed under subsection (a) is a component of the National Training Program established under section 748 of this title.

(h) Ferry exemption

This section shall not apply to any ferry system for which training is required to be conducted pursuant to section 70103 of title 46.

(i) Report

Not later than 2 years after the date of issuance of the final regulation, the Comptroller General shall review implementation of the training program, including interviewing a representative sample of public transportation agencies and employees, and report to the appropriate congressional committees, on the number of reviews conducted and the results. The Comptroller General may submit the report in both classified and redacted formats as necessary.

(Pub. L. 110–53, title XIV, § 1408, Aug. 3, 2007, 121 Stat. 409.)

§ 1138. Public transportation research and development

(a) Establishment of research and development program

The Secretary shall carry out a research and development program through the Homeland Security Advanced Research Projects Agency in

the Science and Technology Directorate and in consultation with the Transportation Security Administration and with the Federal Transit Administration, for the purpose of improving the security of public transportation systems.

(b) Grants and contracts authorized

The Secretary shall award grants or contracts to public or private entities to conduct research and demonstrate technologies and methods to reduce and deter terrorist threats or mitigate damages resulting from terrorist attacks against public transportation systems.

(c) Use of funds

Grants or contracts awarded under subsection (a)—

(1) shall be coordinated with activities of the Homeland Security Advanced Research Projects Agency; and

(2) may be used to—

(A) research chemical, biological, radiological, or explosive detection systems that do not significantly impede passenger access;

(B) research imaging technologies;

(C) conduct product evaluations and testing;

(D) improve security and redundancy for critical communications, electrical power, and computer and train control systems;

(E) develop technologies for securing tunnels, transit bridges and aerial structures;

(F) research technologies that mitigate damages in the event of a cyber attack; and

(G) research other technologies or methods for reducing or deterring terrorist attacks against public transportation systems, or mitigating damage from such attacks.

(d) Privacy and civil rights and civil liberties issues

(1) Consultation

In carrying out research and development projects under this section, the Secretary shall consult with the Chief Privacy Officer of the Department and the Officer for Civil Rights and Civil Liberties of the Department, as appropriate, and in accordance with section 142 of this title.

(2) Privacy impact assessments

In accordance with sections 142 and 345 of this title, the Chief Privacy Officer shall conduct privacy impact assessments and the Officer for Civil Rights and Civil Liberties shall conduct reviews, as appropriate, for research and development initiatives developed under this section.

(e) Reporting requirement

Each entity that is awarded a grant or contract under this section shall report annually to the Department on the use of grant or contract funds received under this section to ensure that the awards made are expended in accordance with the purposes of this subchapter and the priorities developed by the Secretary.

(f) Coordination

The Secretary shall ensure that the research is consistent with the priorities established in the National Strategy for Public Transportation Security and is coordinated, to the extent practicable, with other Federal, State, local, tribal, and private sector public transportation, railroad, commuter railroad, and over-the-road bus research initiatives to leverage resources and avoid unnecessary duplicative efforts.

(g) Return of misspent grant or contract funds

If the Secretary determines that a grantee or contractor used any portion of the grant or contract funds received under this section for a purpose other than the allowable uses specified under subsection (c), the grantee or contractor shall return any amount so used to the Treasury of the United States.

(h) Authorization of appropriations

There are authorized to be appropriated to the Secretary to make grants under this section—

(1) such sums as necessary for fiscal year 2007;

(2) $25,000,000 for fiscal year 2008;

(3) $25,000,000 for fiscal year 2009;

(4) $25,000,000 for fiscal year 2010; and

(5) $25,000,000 for fiscal year 2011.

(Pub. L. 110–53, title XIV, § 1409, Aug. 3, 2007, 121 Stat. 411.)

§ 1139. Information sharing

(a) Intelligence sharing

The Secretary shall ensure that the Department of Transportation receives appropriate and timely notification of all credible terrorist threats against public transportation assets in the United States.

(b) Information Sharing and Analysis Center

(1) Authorization

The Secretary shall provide for the reasonable costs of the Information Sharing and Analysis Center for Public Transportation (referred to in this subsection as the ''ISAC'').

(2) Participation

The Secretary—

(A) shall require public transportation agencies that the Secretary determines to be at high risk of terrorist attack to participate in the ISAC;

(B) shall encourage all other public transportation agencies to participate in the ISAC;

(C) shall encourage the participation of nonprofit employee labor organizations representing public transportation employees, as appropriate; and

(D) shall not charge a fee for participating in the ISAC.

(c) Report

The Comptroller General shall report, not less than 3 years after August 3, 2007, to the appropriate congressional committees, as to the value and efficacy of the ISAC along with any other public transportation information-sharing programs ongoing at the Department. The report shall include an analysis of the user satisfaction of public transportation agencies on the state of information-sharing and the value that each system provides the user, the costs and benefits of all centers and programs, the coordination