

later than 90 days after Dec. 17, 2004, to establish not fewer than 2 pilot projects in high threat urban areas or regions likely to implement a national model strategic plan in order to develop a regional strategic plan to foster interagency communication and coordinate the gathering of all Federal, State, and local first responders in that area, consistent with the national strategic plan developed by the Department of Homeland Security, and to submit to Congress an interim report regarding the progress of the interagency communications pilot projects 6 months after Dec. 17, 2004, and a final report 18 months after Dec. 17, 2004.

§ 195. Office for Interoperability and Compatibility

(a) Clarification of responsibilities

The Director of the Office for Interoperability and Compatibility shall—

(1) assist the Secretary in developing and implementing the science and technology aspects of the program described in subparagraphs (D), (E), (F), and (G) of section 194(a)(1) of this title;

(2) in coordination with the Federal Communications Commission, the National Institute of Standards and Technology, and other Federal departments and agencies with responsibility for standards, support the creation of national voluntary consensus standards for interoperable emergency communications;

(3) establish a comprehensive research, development, testing, and evaluation program for improving interoperable emergency communications;

(4) establish, in coordination with the Director for Emergency Communications, requirements for interoperable emergency communications capabilities, which shall be non-proprietary where standards for such capabilities exist, for all public safety radio and data communications systems and equipment purchased using homeland security assistance administered by the Department, excluding any alert and warning device, technology, or system;

(5) carry out the Department's responsibilities and authorities relating to research, development, testing, evaluation, or standards-related elements of the SAFECOM Program;

(6) evaluate and assess new technology in real-world environments to achieve interoperable emergency communications capabilities;

(7) encourage more efficient use of existing resources, including equipment, to achieve interoperable emergency communications capabilities;

(8) test public safety communications systems that are less prone to failure, support new nonvoice services, use spectrum more efficiently, and cost less than existing systems;

(9) coordinate with the private sector to develop solutions to improve emergency communications capabilities and achieve interoperable emergency communications capabilities; and

(10) conduct pilot projects, in coordination with the Director for Emergency Communications, to test and demonstrate technologies, including data and video, that enhance—

(A) the ability of emergency response providers and relevant government officials to continue to communicate in the event of

natural disasters, acts of terrorism, and other man-made disasters; and

(B) interoperable emergency communications capabilities.

(b) Coordination

The Director of the Office for Interoperability and Compatibility shall coordinate with the Director for Emergency Communications with respect to the SAFECOM program.

(c) Sufficiency of resources

The Secretary shall provide the Office for Interoperability and Compatibility the resources and staff necessary to carry out the responsibilities under this section.

(Pub. L. 107-296, title III, §314, as added Pub. L. 109-295, title VI, §672(a), Oct. 4, 2006, 120 Stat. 1441.)

§ 195a. Emergency communications interoperability research and development

(a) In general

The Under Secretary for Science and Technology, acting through the Director of the Office for Interoperability and Compatibility, shall establish a comprehensive research and development program to support and promote—

(1) the ability of emergency response providers and relevant government officials to continue to communicate in the event of natural disasters, acts of terrorism, and other man-made disasters; and

(2) interoperable emergency communications capabilities among emergency response providers and relevant government officials, including by—

(A) supporting research on a competitive basis, including through the Directorate of Science and Technology and Homeland Security Advanced Research Projects Agency; and

(B) considering the establishment of a Center of Excellence under the Department of Homeland Security Centers of Excellence Program focused on improving emergency response providers' communication capabilities.

(b) Purposes

The purposes of the program established under subsection (a) include—

(1) supporting research, development, testing, and evaluation on emergency communication capabilities;

(2) understanding the strengths and weaknesses of the public safety communications systems in use;

(3) examining how current and emerging technology can make emergency response providers more effective, and how Federal, State, local, and tribal government agencies can use this technology in a coherent and cost-effective manner;

(4) investigating technologies that could lead to long-term advancements in emergency communications capabilities and supporting research on advanced technologies and potential systemic changes to dramatically improve emergency communications; and

(5) evaluating and validating advanced technology concepts, and facilitating the develop-