



**Homeland
Security**

Science and Technology

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DHS S&T RELEASES MULTI-BAND RADIO PILOT REPORT AND PROCUREMENT GUIDE

WASHINGTON, DC— The Department of Homeland Security’s (DHS) Science and Technology Directorate (S&T) today released the Multi-Band Radio (MBR) Pilot Report and the MBR Procurement Guide. These documents mark the successful culmination of S&T’s MBR project, designed to provide technology to first responders that allows them to communicate with multiple agencies and jurisdictions while operating on different radio bands.

Traditional hand-held radios operate on only one frequency band, limiting first responders’ ability to communicate across agencies and jurisdictions. S&T’s MBR initiative helped address long-standing challenges in the development and successful transition of the MBR technology. MBRs can operate on multiple, noncontiguous radio bands between 136 and 870 Megahertz (MHz). When authorized, they can also operate in the Department of Defense bands and two federal bands.

Since 2011, DHS S&T has conducted pilot tests with prototypes and working radios from two different companies with more than a dozen emergency management and first responder organizations across the country. The lessons learned and key findings from these pilots, based upon input from the user community, can be found in the [MBR Pilot Report](#).

In addition, the [MBR Procurement Guide](#) is designed to assist agencies in making informed procurement decisions by providing background information on operational requirements for financial managers, a better understanding of the regulatory issues, and technical capabilities of the MBR models and accessories available from the original manufacturers as well as secondary markets.

The Science and Technology Directorate (S&T) manages science and technology research to protect the homeland, from development through transition for Department components and first responders. S&T’s mission is to strengthen America’s security and resiliency by providing knowledge products and innovative technology solutions for the Homeland Security Enterprise (HSE).

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