

HR 3877

Mine Communications Technology Innovation Act

Congress: 110 (2007–2009, Ended)

Chamber: House

Policy Area: Labor and Employment

Introduced: Oct 17, 2007

Current Status: Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and

Latest Action: Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and Pensions. (Oct 30, 2007)

Official Text: <https://www.congress.gov/bill/110th-congress/house-bill/3877>

Sponsor

Name: Rep. Matheson, Jim [D-UT-2]

Party: Democratic • State: UT • Chamber: House

Cosponsors (11 total)

Cosponsor	Party / State	Role	Date Joined
Rep. Bachus, Spencer [R-AL-6]	R · AL		Oct 17, 2007
Rep. Cannon, Chris [R-UT-3]	R · UT		Oct 17, 2007
Rep. Davis, Geoff [R-KY-4]	R · KY		Oct 17, 2007
Rep. Gordon, Bart [D-TN-6]	D · TN		Oct 17, 2007
Rep. Rogers, Harold [R-KY-5]	R · KY		Oct 17, 2007
Rep. Ross, Mike [D-AR-4]	D · AR		Oct 17, 2007
Rep. Whitfield, Ed [R-KY-1]	R · KY		Oct 17, 2007
Rep. Young, Don [R-AK-At Large]	R · AK		Oct 17, 2007
Rep. Wu, David [D-OR-1]	D · OR		Oct 23, 2007
Rep. Udall, Mark [D-CO-2]	D · CO		Oct 25, 2007
Rep. Hinchey, Maurice D. [D-NY-22]	D · NY		Oct 29, 2007

Committee Activity

Committee	Chamber	Activity	Date
Health, Education, Labor, and Pensions Committee	Senate	Referred To	Oct 30, 2007
Science, Space, and Technology Committee	House	Reported By	Oct 29, 2007

Subjects & Policy Tags

Policy Area:

Labor and Employment

Related Bills

Bill	Relationship	Last Action
110 S 2263	Related bill	Oct 30, 2007: Read twice and referred to the Committee on Health, Education, Labor, and Pensions.

Mine Communications Technology Innovation Act - Requires the Director of the National Institute of Standards and Technology to establish a program of research, development, and demonstration, including the establishment of best practices, adaptation of existing technology, and efforts to accelerate the development of next generation technology and tracking systems for mine communications.

Requires the Director to evaluate areas of research and development and best practices that will be most promising in protecting miner safety.

Authorizes the Director, in establishing the program, to focus on the following communications and tracking system characteristics: (1) systems that are likely to work in emergency situations; (2) systems that work in coal mines, with special attention paid to deep underground coal mines; (3) systems that provide coverage throughout all areas of the mine; (4) hybrid systems that use both wireless and infrastructure-based systems; (5) functionality for two-way and voice communications; (6) systems that serve emergency and routine communications needs; (7) the ability to work with existing legacy systems and to be quickly integrated; and (8) propagation environment characterization, performance metrics, and independently derived validation tests to verify performance for standards development.

Requires the Director to: (1) work with industry and federal agencies to develop consensus industry standards for communications in underground mines; and (2) develop and provide any needed measurement services to support implementation of these standards. Urges that the following issues be addressed: (1) the appropriate use of frequency bands and power levels; (2) matters related to interoperability; and (3) technology to prevent interference.

Authorizes appropriations for carrying out this Act for FY2009-FY2010, to be derived from amounts authorized under the America COMPETES Act.

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### **Actions Timeline**

- **Oct 30, 2007:** Received in the Senate and Read twice and referred to the Committee on Health, Education, Labor, and Pensions.
- **Oct 29, 2007:** Reported (Amended) by the Committee on Science and Technology. H. Rept. 110-411.
- **Oct 29, 2007:** Placed on the Union Calendar, Calendar No. 259.
- **Oct 29, 2007:** Mr. Matheson moved to suspend the rules and pass the bill, as amended.
- **Oct 29, 2007:** Considered under suspension of the rules. (consideration: CR H12130-12131)
- **Oct 29, 2007:** DEBATE - The House proceeded with forty minutes of debate on H.R. 3877.
- **Oct 29, 2007:** Passed/agreed to in House: On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote.(text: CR H12130)
- **Oct 29, 2007:** On motion to suspend the rules and pass the bill, as amended Agreed to by voice vote. (text: CR H12130)
- **Oct 29, 2007:** Motion to reconsider laid on the table Agreed to without objection.
- **Oct 29, 2007:** The title of the measure was amended. Agreed to without objection.
- **Oct 24, 2007:** Committee Consideration and Mark-up Session Held.
- **Oct 24, 2007:** Ordered to be Reported (Amended) by Voice Vote.
- **Oct 17, 2007:** Introduced in House
- **Oct 17, 2007:** Referred to the House Committee on Science and Technology.