

**AMENDMENT TO H.R. 8462**  
**OFFERED BY MR. OBERNOLTE OF CALIFORNIA**

Insert after section 22 the following (and redesignate subsequent sections accordingly):

1 **SEC. 23. PUBLIC-PRIVATE PARTNERSHIP FOR QUANTUM**  
2 **APPLICATION DEVELOPMENT ACCELERA-**  
3 **TION.**

4 Title IV of the National Quantum Initiative Act (15  
5 U.S.C. 8851 et seq.), as amended by sections 21 and 22,  
6 is further amended by adding at the end the following new  
7 section:

8 **“SEC. 407. PUBLIC-PRIVATE PARTNERSHIP FOR QUANTUM**  
9 **APPLICATION DEVELOPMENT ACCELERA-**  
10 **TION.**

11 “(a) ESTABLISHMENT OF COLLABORATIVE VENTURE  
12 FOR QUANTUM APPLICATION DEVELOPMENT ACCELERA-  
13 TION.—The Secretary of Commerce, in coordination with  
14 the Director of the National Institute of Standards and  
15 Technology, may establish or expand an existing collabo-  
16 rative venture or consortia with other public sector entities  
17 or private sector entities for the purpose of identifying and  
18 developing near-term use cases of quantum technologies.

1           “(b) ENGAGEMENT.—In carrying out subsection (a),  
2 the Secretary may, acting through the Director of the Na-  
3 tional Institute of Standards and Technology—

4           “(1) coordinate activities with the Federal  
5 agencies that are members of the Subcommittee on  
6 Quantum Information Science or the Subcommittee  
7 on the Economic and Security Implications of Quan-  
8 tum Science; and

9           “(2) engage with—

10           “(A) the Quantum Economic Development  
11 Consortium;

12           “(B) the National Laboratories (as such  
13 term is defined in section 2 of the Energy Pol-  
14 icy Act of 2005 (42 U.S.C. 15801));

15           “(C) federally funded research and devel-  
16 opment centers; and

17           “(D) other members of the United States  
18 quantum computing and quantum information  
19 ecosystem.

20           “(c) DEFINITION.—In this section, the term ‘near-  
21 term use case’ means—

22           “(1) in the case of an application that includes  
23 the development of quantum computing hardware,  
24 an application that can be developed and deployed in  
25 less than three years; or

1           “(2) in the case of an application that includes  
2           quantum technologies, including quantum commu-  
3           nication, sensing, algorithm development for hybrid  
4           applications, supply chain innovation, or demonstra-  
5           tions of computational advantage, where new quan-  
6           tum computer hardware would not need to be devel-  
7           oped and deployed in less than 18 months.”.

          In section 26(5) (relating to the table of contents of  
the National Quantum Initiative Act (15 U.S.C. 8801 et  
seq.), make appropriate conforming changes relating to  
the insertion of the item for section 407 of such Act.

