

119TH CONGRESS  
2D SESSION

# H. R. 10479

To direct the Secretary of Defense to establish a policy to guide the development and acquisition of quantum computing systems for the Department of Defense, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 17, 2026

Mr. BACON introduced the following bill; which was referred to the Committee on Armed Services

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## A BILL

To direct the Secretary of Defense to establish a policy to guide the development and acquisition of quantum computing systems for the Department of Defense, and for other purposes.

1 *Be it enacted by the Senate and House of Representa-*  
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. SHORT TITLE.**

4 This Act may be cited as the “Quantum Benchmark  
5 Act”.

1 **SEC. 2. POLICY TO GUIDE THE DEVELOPMENT AND ACQUI-**  
2 **SITION OF QUANTUM COMPUTING SYSTEMS**  
3 **FOR THE DEPARTMENT OF DEFENSE.**

4 (a) **POLICY REQUIRED.**—Not later than 180 days  
5 after the date of the enactment of this Act, the Secretary  
6 of Defense shall issue a policy to guide the development  
7 and acquisition of quantum computing systems for the De-  
8 partment of Defense. Under the policy, the Secretary  
9 shall—

10 (1) establish a definition of “quantum com-  
11 puting system” for purposes of the policy;

12 (2) establish a process for validating and  
13 verifying quantum computing systems before such  
14 systems are developed or acquired by the Depart-  
15 ment; and

16 (3) ensure that the development and acquisition  
17 of such systems is consistent with and informed by  
18 the findings and processes of the Quantum  
19 Benchmarking Initiative of the Defense Advanced  
20 Research Projects Agency (or any successor initia-  
21 tive).

22 (b) **LIMITATION AND WAIVER.**—

23 (1) **LIMITATION.**—Following issuance of the  
24 policy under subsection (a), a quantum computing  
25 system may not be developed or acquired by an ele-  
26 ment of the Department of Defense unless the sys-

1       tem has been validated and verified in accordance  
2       with such policy.

3           (2) WAIVER.—The Secretary of Defense may  
4       waive the limitation under paragraph (1), on a case  
5       by case basis, with respect to a specific quantum  
6       computing system. In the event the Secretary issues  
7       such a waiver, the Secretary shall provide to the  
8       congressional defense committees, not later than 15  
9       days after date on which the waiver was issued—

10           (A) written notice of such waiver; and

11           (B) the Secretary’s justification for the  
12       waiver.

13       (c) CONGRESSIONAL DEFENSE COMMITTEES DE-  
14       FINED.—In this section, the term “congressional defense  
15       committees” has the meaning given that term in section  
16       101(a)(16) of title 10, United States Code.

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