

**AMENDMENT TO RULES COMM. PRINT 119-33**  
**OFFERED BY MR. MOORE OF NORTH CAROLINA**

In title XV, subtitle B, add at the end the following  
new section:

1 **SEC. 15 \_\_\_\_ . ARMY QUANTUM READINESS AND ADVANCED**  
2 **COMPUTING INITIATIVE.**

3 (a) **ESTABLISHMENT.**—The Secretary of the Army  
4 shall establish an Army Quantum Readiness and Ad-  
5 vanced Computing Initiative to prepare the Department  
6 of the Army for the integration of quantum computing,  
7 quantum-enabled technologies, and advanced computing  
8 capabilities into future operational, intelligence, logistics,  
9 and command-and-control missions.

10 (b) **OBJECTIVES.**—The Initiative shall—

11 (1) identify Army operational applications of  
12 quantum computing, quantum sensing, quantum  
13 networking, and quantum-enabled artificial intel-  
14 ligence;

15 (2) assess infrastructure requirements nec-  
16 essary to support future quantum and advanced  
17 computing capabilities, including power, cooling, net-  
18 working, cybersecurity, and secure facilities;

1           (3) evaluate acquisition pathways capable of ac-  
2           celerating the transition of quantum technologies  
3           from research and development into operational use;

4           (4) identify opportunities to leverage partner-  
5           ships among Army laboratories, academic institu-  
6           tions, federally funded research and development  
7           centers, and private industry;

8           (5) develop a workforce strategy to support fu-  
9           ture Army quantum and advanced computing re-  
10          quirements; and

11          (6) establish pilot projects to evaluate advanced  
12          computing infrastructure supporting future quan-  
13          tum-enabled capabilities.

14          (c) **QUANTUM READINESS DEMONSTRATION ACTIVI-**  
15 **TIES.**—The Secretary may establish demonstration activi-  
16 ties to evaluate—

17           (1) advanced computing architectures sup-  
18           porting quantum technologies;

19           (2) quantum-enabled artificial intelligence appli-  
20           cations;

21           (3) post-quantum cybersecurity capabilities;

22           (4) resilient and secure networking architec-  
23           tures; and

24           (5) infrastructure necessary to support future  
25          Army quantum capabilities.

1 (d) REPORT.—Not later than 270 days after the date  
2 of the enactment of this Act, the Secretary of the Army  
3 shall submit to the congressional defense committees a re-  
4 port describing—

- 5 (1) Army quantum readiness requirements;
- 6 (2) recommended infrastructure investments;
- 7 (3) workforce and educational requirements;
- 8 (4) recommended pilot and demonstration ac-  
9 tivities; and
- 10 (5) legislative or acquisition authorities nec-  
11 essary to accelerate Army quantum readiness.

