

AMENDMENT TO RULES COMMITTEE PRINT 115-

23

OFFERED BY MR. SOTO OF FLORIDA

At the end of title II, add the following new section:

1 **SEC. 2 ____ . REPORT ON QUANTUM COMPUTING.**

2 (a) REPORT.—Not later than 180 days after the date
3 of the enactment of this Act, the Secretary of Defense,
4 in consultation with the Director of the National Institute
5 of Standards and Technology and the heads of such other
6 Federal agencies as the Secretary determines to be appro-
7 priate, shall submit to the congressional defense commit-
8 tees a report on the current state and potential of quan-
9 tum computing.

10 (b) ELEMENTS.—The report under subsection (a)
11 shall include the following:

12 (1) A description of the current state of quan-
13 tum computing, including a comparison in the re-
14 search status of the United States and other coun-
15 tries.

16 (2) A forecast of the developments in quantum
17 computing technologies over the next ten to twenty
18 years and the defense implications these could pose,
19 including threats to cybersecurity.

1 (3) Recommendations for updates to techno-
2 logical infrastructure or funding initiatives that are
3 necessary to address emerging threats posed by
4 quantum computing.

5 (4) A description of any intellectual property
6 issues that could prevent private investment in quan-
7 tum computing research.

8 (5) Recommendations for strategies to promote
9 the development of quantum computing technologies
10 domestically, and a description of the advantages to
11 the United States of being the leader in such tech-
12 nology.

13 (6) A description of the potential offensive uses
14 of quantum computing and the contributions this
15 would make to enhanced national security interests.

16 (7) Any other information or recommendations
17 determined to be relevant by the Secretary of De-
18 fense.

