

AMENDMENT TO H.R. 5300

OFFERED BY MR. JACKSON OF ILLINOIS

At the appropriate place, insert the following:

SEC. __. STUDY ON GEOPOLITICAL STRATEGIES AND FRAMEWORKS FOR QUANTUM INFORMATION SCIENCE.

(a) **STRATEGY.**—The Secretary shall develop a strategy to preserve the United States' enduring leadership in the field of quantum information science and technology.

(b) **MATTERS TO BE INCLUDED.**—The strategy required by subsection (a) shall include the following:

(1) A description and assessment of the quantum information science and technology capabilities of other nations that have invested in research and development of a domestic ecosystem.

(2) A description and assessment of potential national and economic security risks posed to the United States by adversarial foreign nations' and actors' development of quantum information science and technology capabilities.

(3) An examination of potential diplomatic and geopolitical means by which to address the risks listed in paragraph 2.

(4) An assessment of the investments and policies needed to foster U.S. leadership in quantum information science and technology as well as the obstacles facing the development of a thriving ecosystem in the United States.

(5) An assessment on how the United States should work with like-minded nations and partners to foster United States technology leadership in quantum information science and technology and foster global norms and standards on the safe use and adoption of quantum technologies.

(c) **REPORT.**—Not later than two years after the date of the enactment of this Act, the Secretary shall submit to the appropriate congressional committees a report that contains the strategy required by subsection (a).