

AMENDMENT TO
RULES COMMITTEE PRINT 119-33
OFFERED BY MS. PETERSEN OF COLORADO

At the end of subtitle A of title XVI, add the following new section:

1 **SEC. 16___. REPORT ON OPTICAL COMMUNICATIONS AND**
2 **NETWORKING STANDARDS FOR NATIONAL**
3 **SECURITY SPACE ARCHITECTURES.**

4 (a) **REPORT REQUIRED.**—Not later than 180 days
5 after the date of the enactment of this Act, the Secretary
6 of the Air Force, acting through the Chief of Space Oper-
7 ations and in coordination with the Assistant Secretary
8 of the Air Force for Space Acquisition and Integration, the
9 Commander of Space Systems Command, and the Direc-
10 tor of the Space Warfighting Analysis Center, shall submit
11 to the congressional defense committees a report on the
12 governance, maintenance, validation, implementation, and
13 future development of optical communications and net-
14 working standards for national security space architec-
15 tures.

16 (b) **ELEMENTS.**—The report required under sub-
17 section (a) shall include the following:

1 (1) A description of the governance structure
2 for such standards, including the roles and respon-
3 sibilities of relevant Department of Defense organi-
4 zations and participating industry and allied stake-
5 holders.

6 (2) A description of the process by which such
7 standards are developed, reviewed, validated, ap-
8 proved, published, maintained, and incorporated into
9 acquisition programs and requirements.

10 (3) An assessment of the extent to which cur-
11 rent and planned standards support cross-vendor
12 interoperability, backward compatibility where prac-
13 ticable, and participation by qualified commercial
14 providers.

15 (4) A description of technical validation proc-
16 esses, testing activities, and mechanisms for incor-
17 porating operational lessons learned and industry
18 feedback into future standards revisions.

19 (5) An assessment of how such standards are
20 being incorporated into United States Space Force
21 architecture planning, acquisition activities, and al-
22 lied and partner engagements.

23 (6) An assessment of risks associated with
24 transitioning between versions of such standards, in-

1 including impacts on competition, acquisition
2 timelines, interoperability, and mission assurance.

3 (7) Identification of any legislative, policy, au-
4 thority, or resource gaps that limit the Department's
5 ability to sustain and evolve such standards.

6 (c) BRIEFING.—Not later than 30 days after submit-
7 ting the report required under subsection (a), the Sec-
8 retary of the Air Force shall provide a briefing to the con-
9 gressional defense committees on the findings and rec-
10 ommendations contained in the report.

11 (d) FORM.—The report required under subsection (a)
12 shall be submitted in unclassified form but may include
13 a classified annex.

