

AMENDMENT TO RULES COMMITTEE PRINT 117-

54

OFFERED BY MR. MALINOWSKI OF NEW JERSEY

At the end of title LII, insert the following:

1 **SEC. 52 ____. REPORT ON COMMERCIAL SATELLITE CYBER-**
2 **SECURITY; CISA COMMERCIAL SATELLITE**
3 **SYSTEM CYBERSECURITY CLEARINGHOUSE.**

4 (a) STUDY.—

5 (1) IN GENERAL.—The Comptroller General of
6 the United States shall conduct a study on the ac-
7 tions the Federal Government has taken to support
8 the cybersecurity of commercial satellite systems, in-
9 cluding as part of any action to address the cyberse-
10 curity of critical infrastructure sectors.

11 (2) REPORT.—Not later than two years after
12 the date of the enactment of this Act, the Comp-
13 troller General of the United States shall submit to
14 the appropriate congressional committees a report
15 on the study conducted under paragraph (1), which
16 shall include information on—

17 (A) efforts of the Federal Government to
18 address or improve the cybersecurity of com-
19 mercial satellite systems and support related ef-

1 forts with international entities or the private
2 sector;

3 (B) the resources made available to the
4 public by Federal agencies to address cyberse-
5 curity risks and cybersecurity threats to com-
6 mercial satellite systems;

7 (C) the extent to which commercial sat-
8 ellite systems and the cybersecurity threats to
9 such systems are integrated into critical infra-
10 structure risk analyses and protection plans of
11 the Department of Homeland Security; and

12 (D) the extent to which Federal agencies
13 coordinate or duplicate authorities and take
14 other actions focused on the cybersecurity of
15 commercial satellite systems.

16 (3) CONSULTATION.—In carrying out para-
17 graphs (1) and (2), the Comptroller General of the
18 United States shall coordinate with appropriate Fed-
19 eral agencies and organizations, including—

20 (A) the Department of Homeland Security;

21 (B) the Department of Commerce;

22 (C) the Department of Defense;

23 (D) the Department of Transportation;

24 (E) the Department of State;

1 (F) the Federal Communications Commis-
2 sion;

3 (G) the National Aeronautics and Space
4 Administration;

5 (H) the National Executive Committee for
6 Space-Based Positioning, Navigation, and Tim-
7 ing; and

8 (I) the National Space Council.

9 (4) BRIEFING.—Not later than two years after
10 the date of the enactment of this Act, the Comp-
11 troller General of the United States shall provide to
12 the appropriate congressional committees a briefing
13 relating to carrying out paragraphs (1) and (2).

14 (5) CLASSIFICATION.—The report under para-
15 graph (2) shall be submitted in unclassified form,
16 but may include a classified annex.

17 (b) CISA COMMERCIAL SATELLITE SYSTEM CYBER-
18 SECURITY CLEARINGHOUSE.—

19 (1) ESTABLISHMENT.—

20 (A) IN GENERAL.—Not later than 180
21 days after the date of the enactment of this
22 Act, the Director shall establish a commercial
23 satellite system cybersecurity clearinghouse.

24 (B) REQUIREMENTS.—The clearinghouse
25 shall—

- 1 (i) be publicly available online;
- 2 (ii) contain current, relevant, and
3 publicly available commercial satellite sys-
4 tem cybersecurity resources, including the
5 recommendations consolidated under para-
6 graph (2), and any other appropriate ma-
7 terials for reference by entities that de-
8 velop commercial satellite systems; and
- 9 (iii) include materials specifically
10 aimed at assisting small business concerns
11 with the secure development, operation,
12 and maintenance of commercial satellite
13 systems.

14 (C) EXISTING PLATFORM OR WEBSITE.—
15 The Director may establish the clearinghouse
16 on an online platform or a website that is in ex-
17 istence as of the date of the enactment of this
18 Act.

19 (2) CONSOLIDATION OF COMMERCIAL SAT-
20 ELLITE SYSTEM CYBERSECURITY RECOMMENDA-
21 TIONS.—

22 (A) IN GENERAL.—The Director shall con-
23 solidate voluntary cybersecurity recommenda-
24 tions designed to assist in the development,

1 maintenance, and operation of commercial sat-
2 ellite systems.

3 (B) REQUIREMENTS.—The recommenda-
4 tions consolidated under subparagraph (A) shall
5 include, to the greatest extent practicable, ma-
6 terials addressing the following:

7 (i) Risk-based, cybersecurity-informed
8 engineering, including continuous moni-
9 toring and resiliency.

10 (ii) Planning for retention or recovery
11 of positive control of commercial satellite
12 systems in the event of a cybersecurity in-
13 cident.

14 (iii) Protection against unauthorized
15 access to vital commercial satellite system
16 functions.

17 (iv) Physical protection measures de-
18 signed to reduce the vulnerabilities of a
19 commercial satellite system's command,
20 control, or telemetry receiver systems.

21 (v) Protection against jamming or
22 spoofing.

23 (vi) Security against threats through-
24 out a commercial satellite system's mission
25 lifetime.

1 (vii) Management of supply chain
2 risks that affect the cybersecurity of com-
3 mercial satellite systems.

4 (viii) As appropriate, and as applica-
5 ble pursuant to the requirement under
6 paragraph (1)(b)(ii) (relating to the clear-
7 inghouse containing current, relevant, and
8 publicly available commercial satellite sys-
9 tem cybersecurity resources), the findings
10 and recommendations from the study con-
11 ducted by the Comptroller General of the
12 United States under subsection (a)(1).

13 (ix) Risks of a strategic competitor
14 becoming dominant in the commercial sat-
15 ellite sector.

16 (x) Any other recommendations to en-
17 sure the confidentiality, availability, and
18 integrity of data residing on or in transit
19 through commercial satellite systems.

20 (3) IMPLEMENTATION.—In implementing this
21 subsection, the Director shall—

22 (A) to the extent practicable, carry out
23 such implementation as a public-private part-
24 nership;

1 (B) coordinate with the heads of appro-
2 priate Federal agencies with expertise and expe-
3 rience in satellite operations, including the enti-
4 ties described in subsection (a)(3);

5 (C) consult with non-Federal entities devel-
6 oping commercial satellite systems or otherwise
7 supporting the cybersecurity of commercial sat-
8 ellite systems, including private, consensus or-
9 ganizations that develop relevant standards;
10 and

11 (D) consider entering into an agreement
12 with a non-Federal organization to manage and
13 operate the clearinghouse.

14 (c) DEFINITIONS.—In this section:

15 (1) The term “appropriate congressional com-
16 mittees” means—

17 (A) the Committee on Homeland Security,
18 the Committee on Space, Science, and Tech-
19 nology, the Committee on Armed Services, the
20 Committee on Foreign Affairs, and the Com-
21 mittee on Energy and Commerce of the House
22 of Representatives; and

23 (B) the Committee on Homeland Security
24 and Governmental Affairs, the Committee on
25 Armed Services, the Committee on Foreign Re-

1 lations, and the Committee on Commerce,
2 Science, and Transportation of the Senate.

3 (2) The term “clearinghouse” means the com-
4 mercial satellite system cybersecurity clearinghouse
5 required to be developed and maintained under sub-
6 section (b)(1).

7 (3) The term “commercial satellite system”
8 means a system of one or more satellites and any
9 ground support infrastructure, and all transmission
10 links among and between them that is owned, or op-
11 erated by a non-Federal United States entity.

12 (4) The term “critical infrastructure” has the
13 meaning given such term in section 1016(e) of Pub-
14 lic Law 107–56 (42 U.S.C. 5195c(e)).

15 (5) The term “cybersecurity risk” has the
16 meaning given such term in section 2209 of the
17 Homeland Security Act of 2002 (6 U.S.C. 659).

18 (6) The term “cybersecurity threat” has the
19 meaning given such term in section 102 of the Cy-
20 bersecurity Information Sharing Act of 2015 (6
21 U.S.C. 1501).

22 (7) The term “Director” means the Director of
23 the Cybersecurity and Infrastructure Security Agen-
24 cy.

1 (8) The term “small business concern” has the
2 meaning given the term in section 3 of the Small
3 Business Act (15 U.S.C. 632).

