



(Original Signature of Member)

116TH CONGRESS
2D SESSION

H. R. _____

To direct the Secretary of Defense to carry out activities to develop, secure, and effectively implement fifth generation information and communications technology within the Department of Defense.

IN THE HOUSE OF REPRESENTATIVES

Mr. LARSEN of Washington introduced the following bill; which was referred to the Committee on _____

A BILL

To direct the Secretary of Defense to carry out activities to develop, secure, and effectively implement fifth generation information and communications technology within the Department of Defense.

1 *Be it enacted by the Senate and House of Representa-*
2 *tives of the United States of America in Congress assembled,*

3 **SECTION 1. TELECOMMUNICATIONS SECURITY PROGRAM.**

4 (a) PROGRAM REQUIRED.—The Secretary of De-
5 fense, shall carry out a program to identify and mitigate
6 vulnerabilities in the telecommunications infrastructure of
7 the Department of Defense.

1 (b) ELEMENTS.—In carrying out the program under
2 subsection (a), the Secretary shall—

3 (1) develop a capability to communicate clearly
4 and authoritatively about threats by foreign actors;

5 (2) conduct independent red-team security anal-
6 ysis of Department of Defense systems, subsystems,
7 devices, and components including no-knowledge
8 testing and testing with limited or full knowledge of
9 expected functionalities;

10 (3) verify the integrity of personnel who are
11 tasked with design fabrication, integration, configu-
12 ration, storage, test, and documentation of non-
13 commercial 5G technology to be used by the Depart-
14 ment of Defense;

15 (4) verify the efficacy of the physical security
16 measures used at Department of Defense locations
17 where system design, fabrication, integration, con-
18 figuration, storage, test, and documentation of 5G
19 technology occurs;

20 (5) direct the Chief Information Officer of the
21 Department of Defense to use the Federal Risk and
22 Authorization Management Program (commonly
23 known as “FedRAMP”) moderate or high cloud
24 standard baselines, supplemented with the Depart-
25 ment’s FedRAMP cloud standard controls and con-

1 trol enhancements, to assess 5G core service pro-
2 viders whose services will be used by the Department
3 of Defense through the Department's provisional au-
4 thorization process; and

5 (6) direct the Defense Information Systems
6 Agency and the United States Cyber Command to
7 Develop a capability for continuous, independent
8 monitoring of packet streams for 5G data on fre-
9 quencies assigned to the Department of Defense to
10 validate availability, confidentiality, and integrity of
11 Department of Defense communications systems.

12 (c) IMPLEMENTATION PLAN.—Not later than 90
13 days after the date of the enactment of this Act, the Sec-
14 retary of Defense shall submit to Congress a plan for the
15 implementation of the program under subsection (a).

16 (d) REPORT REQUIRED.—Not later than 180 days
17 after submitting the plan under subsection (c), the Sec-
18 retary of Defense shall submit to Congress a report that
19 includes—

20 (1) a comprehensive assessment of the findings
21 and conclusions of the program under subsection
22 (a);

23 (2) recommendations on how to mitigate
24 vulnerabilities in the Department of Defense tele-
25 communications infrastructure; and

- 1 (3) an explanation of how the Department of
- 2 Defense plans to implement such recommendations.