

Union Calendar No. 487

116TH CONGRESS
2D SESSION

H. R. 6624

[Report No. 116-589]

To support supply chain innovation and multilateral security, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

APRIL 24, 2020

Mr. PALLONE (for himself, Mr. GUTHRIE, Ms. MATSUI, and Mr. WALDEN) introduced the following bill; which was referred to the Committee on Energy and Commerce

NOVEMBER 16, 2020

Additional sponsors: Ms. ESHOO, Mr. JOHNSON of Ohio, Mr. ROSE of New York, Mr. FLORES, Mrs. BROOKS of Indiana, Mr. KATKO, Mrs. RADEWAGEN, and Mr. O'HALLERAN

NOVEMBER 16, 2020

Reported from the Committee on Energy and Commerce; committed to the Committee of the Whole House on the State of the Union and ordered to be printed

A BILL

To support supply chain innovation and multilateral security,
and for other purposes.

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. SHORT TITLE.**

4 This Act may be cited as the “Utilizing Strategic Al-

5 lied Telecommunications Act of 2020” or the “USA Tele-

6 communications Act”.

7 **SEC. 2. WIRELESS SUPPLY CHAIN INNOVATION GRANT PRO-**
8 **GRAM.**

9 (a) IN GENERAL.—From amounts made available

10 under subsection (d), the Assistant Secretary shall, begin-

11 ning not later than 18 months after the date of the enact-

12 ment of this Act, make grants on a competitive basis to

13 support the deployment and use of Open RAN 5G Net-

14 works throughout the United States by—

15 (1) promoting the use of technology, including

16 software, hardware, and microprocessing technology,

17 that will enhance competitiveness in the supply

18 chains of Open RAN 5G Networks;

19 (2) accelerating the deployment of Open Net-

20 work Equipment;

21 (3) promoting the use of Open Network Equip-

22 ment;

23 (4) establishing objective criteria that can be

24 used to determine if equipment meets the definition

25 of Open Network Equipment;

1 (5) promoting the inclusion of security features
2 that enhance the integrity and availability of Open
3 Network Equipment; or

4 (6) promoting the application of network func-
5 tion virtualization to facilitate the deployment of
6 Open RAN 5G Networks and a more diverse vendor
7 market.

8 (b) GRANT CRITERIA.—The Assistant Secretary, in
9 consultation with the Commission, the Director of the Na-
10 tional Institute of Standards and Technology, the Sec-
11 retary of Homeland Security, the Director of the Defense
12 Advanced Research Projects Agency (commonly known as
13 “DARPA”), and the Director of the Intelligence Advanced
14 Research Projects Activity of the Office of the Director
15 of National Intelligence (commonly known as “IARPA”),
16 shall establish the criteria under which the Assistant Sec-
17 retary shall award a grant under subsection (a).

18 (c) REPORTS TO CONGRESS.—

19 (1) ANNUAL REPORT ON GRANTS MADE.—For
20 each fiscal year for which amounts are available to
21 make grants under subsection (a), the Assistant Sec-
22 retary shall submit to the relevant committees of
23 Congress a report that includes, with respect to that
24 fiscal year—

25 (A) a description of—

1 (i) to whom grants under subsection
2 (a) were made, the amount thereof, and
3 criteria used to award such grants; and

4 (ii) the progress the Assistant Sec-
5 retary has made in meeting the objectives
6 described in subsection (a) of the grant
7 program under this section; and

8 (B) any additional information that the
9 Assistant Secretary determines appropriate.

10 (2) REPORT ON 5G NETWORK SUPPLY CHAIN.—

11 Not later than 180 days after the date of the enact-
12 ment of this Act, the Assistant Secretary shall sub-
13 mit to the relevant committees of Congress a written
14 report—

15 (A) that includes recommendations on pro-
16 moting the competitiveness and sustainability of
17 trusted Open RAN 5G Networks; and

18 (B) identifying whether any additional au-
19 thorities are needed by the Assistant Secretary
20 to facilitate the timely adoption of Open Net-
21 work Equipment, including the authority to
22 provide loans, loan guarantees, and other forms
23 of credit extension that would maximize the use
24 of grant amounts awarded under this section.

25 (d) AUTHORIZATION OF APPROPRIATIONS.—

1 (1) AMOUNT AUTHORIZED.—There is author-
2 ized to be appropriated to make grants under sub-
3 section (a) \$750,000,000 for fiscal years 2021
4 through 2031.

5 (2) AVAILABILITY.—Amounts made available
6 under paragraph (1) shall remain available through
7 fiscal year 2031.

8 **SEC. 3. ADVISORY COMMITTEE.**

9 (a) ESTABLISHMENT.—The Assistant Secretary shall
10 establish an Advisory Committee to advise the Assistant
11 Secretary in the manner described in subsection (c).

12 (b) COMPOSITION.—The Advisory Committee estab-
13 lished under subsection (a) shall be composed of—

14 (1) representatives from—

15 (A) the Commission;

16 (B) the Defense Advanced Research
17 Projects Agency (commonly known as
18 “DARPA”);

19 (C) the Intelligence Advanced Research
20 Projects Activity of the Office of the Director of
21 National Intelligence (commonly known as
22 “IARPA”);

23 (D) the National Institute of Standards
24 and Technology;

25 (E) the Department of State;

1 (F) the National Science Foundation; and

2 (G) the Department of Homeland Security;

3 and

4 (2) other representatives from the private and
5 public sectors, at the discretion of the Assistant Sec-
6 retary.

7 (c) DUTIES.—The Advisory Committee established
8 under subsection (a) shall be used to advise the Assistant
9 Secretary on technology developments to help inform—

10 (1) the strategic direction of the grant program
11 established under section 2; and

12 (2) efforts of the Federal Government to pro-
13 mote a more secure, diverse, sustainable, and com-
14 petitive supply chain for Open RAN 5G Networks.

15 **SEC. 4. DEFINITIONS.**

16 In this Act:

17 (1) 3GPP.—The term “3GPP” means the Third
18 Generation Partnership Project.

19 (2) 5G NETWORK.—The term “5G network”
20 means a radio network as described by 3GPP Re-
21 lease 15 or higher, or any successor network.

22 (3) ASSISTANT SECRETARY.—The term “Assist-
23 ant Secretary” means the Assistant Secretary of
24 Commerce for Communications and Information.

1 (4) COMMISSION.—The term “Commission”
2 means the Federal Communications Commission.

3 (5) OPEN NETWORK EQUIPMENT.—The term
4 “Open Network Equipment” means equipment that
5 follows a set of open standards (such as O-RAN
6 standards or the Open Radio Access Network ap-
7 proach to standardization, adopted by the O-RAN
8 Alliance, 3GPP, or other organization) and open
9 interfaces for multi-vendor network equipment inter-
10 operability, such that the equipment may be inte-
11 grated into the Radio Access Networks of an Open
12 RAN 5G Network.

13 (6) OPEN RAN 5G NETWORK.—The term “Open
14 RAN 5G Network” means a 5G network that follows
15 a set of open standards (such as O-RAN standards
16 or the Open Radio Access Network approach to
17 standardization, adopted by the O-RAN Alliance,
18 3GPP, or other organizations) and open interfaces
19 for multi-vendor network equipment interoperability.

20 (7) RELEVANT COMMITTEES OF CONGRESS.—
21 The term “relevant committees of Congress”
22 means—

23 (A) the Committee on Energy and Com-
24 merce of the House of Representatives;

1 (B) the Permanent Select Committee on
2 Intelligence of the House of Representatives;

3 (C) the Committee on Foreign Affairs of
4 the House of Representatives;

5 (D) the Committee on Homeland Security
6 of the House of Representatives;

7 (E) the Committee on Armed Services of
8 the House of Representatives;

9 (F) the Committee on Commerce, Science,
10 and Transportation of the Senate;

11 (G) the Select Committee on Intelligence of
12 the Senate;

13 (H) the Committee on Foreign Relations
14 of the Senate;

15 (I) the Committee on Homeland Security
16 and Governmental Affairs of the Senate; and

17 (J) the Committee on Armed Services of
18 the Senate.

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