

116TH CONGRESS
2D SESSION

H. R. 6624

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

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-

1 ning not later than 18 months after the date of the enact-
2 ment of this Act, make grants on a competitive basis to
3 support the deployment and use of Open RAN 5G Net-
4 works throughout the United States by—

5 (1) promoting the use of technology, including
6 software, hardware, and microprocessing technology,
7 that will enhance competitiveness in the supply
8 chains of Open RAN 5G Networks;

9 (2) accelerating the deployment of Open Net-
10 work Equipment;

11 (3) promoting the use of Open Network Equip-
12 ment;

13 (4) establishing objective criteria that can be
14 used to determine if equipment meets the definition
15 of Open Network Equipment;

16 (5) promoting the inclusion of security features
17 that enhance the integrity and availability of Open
18 Network Equipment; or

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

23 (b) GRANT CRITERIA.—The Assistant Secretary, in
24 consultation with the Commission, the Director of the Na-
25 tional Institute of Standards and Technology, the Sec-

1 retary of Homeland Security, the Director of the Defense
2 Advanced Research Projects Agency (commonly known as
3 “DARPA”), and the Director of the Intelligence Advanced
4 Research Projects Activity of the Office of the Director
5 of National Intelligence (commonly known as “IARPA”),
6 shall establish the criteria under which the Assistant Sec-
7 retary shall award a grant under subsection (a).

8 (c) REPORTS TO CONGRESS.—

9 (1) ANNUAL REPORT ON GRANTS MADE.—For
10 each fiscal year for which amounts are available to
11 make grants under subsection (a), the Assistant Sec-
12 retary shall submit to the relevant committees of
13 Congress a report that includes, with respect to that
14 fiscal year—

15 (A) a description of—

16 (i) to whom grants under subsection
17 (a) were made, the amount thereof, and
18 criteria used to award such grants; and

19 (ii) the progress the Assistant Sec-
20 retary has made in meeting the objectives
21 described in subsection (a) of the grant
22 program under this section; and

23 (B) any additional information that the
24 Assistant Secretary determines appropriate.

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

2 Not later than 180 days after the date of the enact-
3 ment of this Act, the Assistant Secretary shall sub-
4 mit to the relevant committees of Congress a written
5 report—

6 (A) that includes recommendations on pro-
7 moting the competitiveness and sustainability of
8 trusted Open RAN 5G Networks; and

9 (B) identifying whether any additional au-
10 thorities are needed by the Assistant Secretary
11 to facilitate the timely adoption of Open Net-
12 work Equipment, including the authority to
13 provide loans, loan guarantees, and other forms
14 of credit extension that would maximize the use
15 of grant amounts awarded under this section.

16 (d) AUTHORIZATION OF APPROPRIATIONS.—

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

21 (2) AVAILABILITY.—Amounts made available
22 under paragraph (1) shall remain available through
23 fiscal year 2031.

1 **SEC. 3. ADVISORY COMMITTEE.**

2 (a) ESTABLISHMENT.—The Assistant Secretary shall
3 establish an Advisory Committee to advise the Assistant
4 Secretary in the manner described in subsection (c).

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

7 (1) representatives from—

8 (A) the Commission;

9 (B) the Defense Advanced Research
10 Projects Agency (commonly known as
11 “DARPA”);

12 (C) the Intelligence Advanced Research
13 Projects Activity of the Office of the Director of
14 National Intelligence (commonly known as
15 “IARPA”);

16 (D) the National Institute of Standards
17 and Technology;

18 (E) the Department of State;

19 (F) the National Science Foundation; and

20 (G) the Department of Homeland Security;

21 and

22 (2) other representatives from the private and
23 public sectors, at the discretion of the Assistant Sec-
24 retary.

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

4 (1) the strategic direction of the grant program
5 established under section 2; and

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

9 **SEC. 4. DEFINITIONS.**

10 In this Act:

11 (1) 3GPP.—The term “3GPP” means the Third
12 Generation Partnership Project.

13 (2) 5G NETWORK.—The term “5G network”
14 means a radio network as described by 3GPP Re-
15 lease 15 or higher, or any successor network.

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

19 (4) COMMISSION.—The term “Commission”
20 means the Federal Communications Commission.

21 (5) OPEN NETWORK EQUIPMENT.—The term
22 “Open Network Equipment” means equipment that
23 follows a set of open standards (such as O-RAN
24 standards or the Open Radio Access Network ap-
25 proach to standardization, adopted by the O-RAN

1 Alliance, 3GPP, or other organization) and open
2 interfaces for multi-vendor network equipment inter-
3 operability, such that the equipment may be inte-
4 grated into the Radio Access Networks of an Open
5 RAN 5G Network.

6 (6) OPEN RAN 5G NETWORK.—The term “Open
7 RAN 5G Network” means a 5G network that follows
8 a set of open standards (such as O-RAN standards
9 or the Open Radio Access Network approach to
10 standardization, adopted by the O-RAN Alliance,
11 3GPP, or other organizations) and open interfaces
12 for multi-vendor network equipment interoperability.

13 (7) RELEVANT COMMITTEES OF CONGRESS.—
14 The term “relevant committees of Congress”
15 means—

16 (A) the Committee on Energy and Com-
17 merce of the House of Representatives;

18 (B) the Permanent Select Committee on
19 Intelligence of the House of Representatives;

20 (C) the Committee on Foreign Affairs of
21 the House of Representatives;

22 (D) the Committee on Homeland Security
23 of the House of Representatives;

24 (E) the Committee on Armed Services of
25 the House of Representatives;

1 (F) the Committee on Commerce, Science,
2 and Transportation of the Senate;

3 (G) the Select Committee on Intelligence of
4 the Senate;

5 (H) the Committee on Foreign Relations
6 of the Senate;

7 (I) the Committee on Homeland Security
8 and Governmental Affairs of the Senate; and

9 (J) the Committee on Armed Services of
10 the Senate.

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