

116TH CONGRESS  
1ST SESSION

# H. R. 4500

To direct the Assistant Secretary for Communications and Information to take certain actions to enhance the representation of the United States and promote United States leadership in communications standards-setting bodies, and for other purposes.

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## IN THE HOUSE OF REPRESENTATIVES

SEPTEMBER 26, 2019

Mr. WALBERG (for himself, Mrs. DINGELL, and Mrs. BROOKS of Indiana) introduced the following bill; which was referred to the Committee on Energy and Commerce, and in addition to the Committee on Foreign Affairs, for a period to be subsequently determined by the Speaker, in each case for consideration of such provisions as fall within the jurisdiction of the committee concerned

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## A BILL

To direct the Assistant Secretary for Communications and Information to take certain actions to enhance the representation of the United States and promote United States leadership in communications standards-setting bodies, 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 “Promoting United  
5 States Wireless Leadership Act of 2019”.

1 **SEC. 2. REPRESENTATION AND LEADERSHIP OF UNITED**  
2 **STATES IN COMMUNICATIONS STANDARDS-**  
3 **SETTING BODIES.**

4 (a) IN GENERAL.—In order to enhance the represen-  
5 tation of the United States and promote United States  
6 leadership in standards-setting bodies that set standards  
7 for 5G networks and for future generations of wireless  
8 communications networks, the Assistant Secretary shall,  
9 in consultation with the National Institute for Standards  
10 and Technology, coordinate executive branch efforts to—

11 (1) encourage participation by trusted compa-  
12 nies and a wide variety of relevant stakeholders (to  
13 the extent such standards-setting bodies allow such  
14 stakeholders to participate) in such standards-set-  
15 ting bodies; and

16 (2) offer technical expertise to trusted compa-  
17 nies and a wide variety of relevant stakeholders (to  
18 the extent such standards-setting bodies allow such  
19 stakeholders to participate) to facilitate such partici-  
20 pation.

21 (b) STANDARDS-SETTING BODIES.—The standards-  
22 setting bodies referred to in subsection (a) include, but  
23 is not limited to—

24 (1) the International Organization for Stand-  
25 ardization;

1           (2) the voluntary standards-setting bodies that  
2       develop protocols for wireless devices and other  
3       equipment, such as the 3GPP and the Institute of  
4       Electrical and Electronics Engineers; and

5           (3) any standards-setting body accredited by  
6       the American National Standards Institute or Alli-  
7       ance for Telecommunications Industry Solutions.

8       (c) BRIEFING.—Not later than 60 days after the date  
9       of the enactment of this Act, the Assistant Secretary shall  
10      brief the Committee on Energy and Commerce of the  
11      House of Representatives and the Committee on Com-  
12      merce, Science, and Transportation of the Senate on a  
13      strategy to carry out subsection (a).

14      (d) DEFINITIONS.—In this section:

15           (1) 3GPP.—The term “3GPP” means the 3rd  
16      Generation Partnership Project.

17           (2) 5G NETWORK.—The term “5G network”  
18      means a fifth-generation mobile network as de-  
19      scribed by 3GPP Release 15 or higher.

20           (3) ASSISTANT SECRETARY.—The term “Assist-  
21      ant Secretary” means the Assistant Secretary for  
22      Communications and Information.

23           (4) CLOUD COMPUTING.—The term “cloud  
24      computing” has the meaning given the term in Spe-  
25      cial Publication 800–145 of the National Institute of

1 Standards and Technology, entitled “The NIST Def-  
2 inition of Cloud Computing”, published in Sep-  
3 tember 2011, or any successor publication.

4 (5) COMMUNICATIONS NETWORK.—The term  
5 “communications network” means any of the fol-  
6 lowing:

7 (A) A system enabling the transmission,  
8 between or among points specified by the user,  
9 of information of the user’s choosing.

10 (B) Cloud computing resources.

11 (C) A network or system used to access  
12 cloud computing resources.

13 (6) TRUSTED COMPANY.—The term “trusted  
14 company” means a company that is determined by  
15 the Assistant Secretary not to pose a threat to the  
16 national security of the United States. In making  
17 such a determination, the Assistant Secretary shall  
18 consult the heads of the intelligence community (as  
19 defined in section 3 of the National Security Act of  
20 1947 (50 U.S.C. 3003)) and consider whether such  
21 company is listed on the entity list maintained by  
22 the Bureau of Industry and Security of the Depart-  
23 ment of Commerce and set forth in Supplement No.  
24 4 to part 744 of the Export Administration Regula-

- 1 tions (subchapter C of chapter VII of title 15, Code
- 2 of Federal Regulations).

