

**AMENDMENT TO**  
**RULES COMMITTEE PRINT 116-57**  
**OFFERED BY MR. TURNER OF OHIO**

At the end of subtitle A of title XVI, add the following new section:

1 **SEC. 16\_\_ . PROTECTION OF GLOBAL POSITIONING SYS-**  
2 **TEM AND L-BAND COMMERCIAL SATELLITE**  
3 **COMMUNICATIONS OPERATIONS.**

4 (a) **STAY OF ORDER AND AUTHORIZATION.**—The  
5 Order and Authorization approving the operation of a ter-  
6 restrial communications network in the 1526–1536 mega-  
7 hertz band, the 1627.5–1637.5 megahertz band, and the  
8 1646.5–1656.5 megahertz band that was adopted by the  
9 Commission on April 19, 2020 (FCC 20–48) shall have  
10 no force or effect—

11 (1) unless the Assistant Secretary and the  
12 Commission make the certification described in sub-  
13 section (c)(2)(A); and

14 (2) if the Assistant Secretary and the Commis-  
15 sion make such certification, until the date that is  
16 90 days after the date on which the Assistant Sec-  
17 retary and the Commission submit the report under

1 subsection (c)(1) in which such certification is in-  
2 cluded.

3 (b) TESTING.—

4 (1) IN GENERAL.—The Assistant Secretary and  
5 the Commission shall jointly enter into an agreement  
6 with Sandia National Laboratories to conduct a test  
7 to independently examine the potential interference  
8 that the network described in subsection (a) may  
9 cause to the Global Positioning System and L-Band  
10 commercial satellite communications operations.

11 (2) TESTING PLAN.—

12 (A) DEVELOPMENT OF PLAN.—Sandia Na-  
13 tional Laboratories shall develop a testing plan  
14 for the test to be conducted under paragraph  
15 (1).

16 (B) SUFFICIENCY OF PLAN.—The test  
17 under paragraph (1) may not be conducted  
18 until the Assistant Secretary and the Commis-  
19 sion jointly submit to the covered congressional  
20 committees a certification that the testing plan  
21 developed under subparagraph (A)—

22 (i) was informed by the information  
23 described in each subclause of subpara-  
24 graph (C)(i) and any information provided  
25 under subparagraph (D); and

1 (ii) is sufficient to address the inter-  
2 ference concerns of the Global Positioning  
3 System and L-Band commercial satellite  
4 communications user communities while  
5 supporting the development of fifth genera-  
6 tion wireless communications infrastruc-  
7 ture.

8 (C) INFORMATION FROM FEDERAL AGEN-  
9 CIES.—

10 (i) IN GENERAL.—The Assistant Sec-  
11 retary and the Commission shall ensure  
12 that the testing plan developed under sub-  
13 paragraph (A) is informed by the fol-  
14 lowing:

15 (I) Information from the Depart-  
16 ment of Defense needed to ensure  
17 that the test is representative of the  
18 Global Positioning System and L-  
19 Band commercial satellite communica-  
20 tions uses of concern to military oper-  
21 ations.

22 (II) Information from the De-  
23 partment of Agriculture needed to en-  
24 sure that the test is representative of  
25 the Global Positioning System and L-

1 Band commercial satellite communica-  
2 tions uses of concern to precision agri-  
3 culture.

4 (III) Information from the Fed-  
5 eral Aviation Administration needed  
6 to ensure that the test is representa-  
7 tive of the Global Positioning System  
8 and L-Band commercial satellite com-  
9 munications uses of concern to civil  
10 aviation.

11 (IV) Information from the De-  
12 partment of Commerce needed to en-  
13 sure that the test is representative of  
14 the Global Positioning System and L-  
15 Band commercial satellite communica-  
16 tions uses of concern to commercial  
17 services.

18 (V) Information from the Na-  
19 tional Science Foundation needed to  
20 ensure that the test is representative  
21 of the Global Positioning System and  
22 L-Band commercial satellite commu-  
23 nications uses of concern to the sci-  
24 entific research community.

1 (VI) Information from the Na-  
2 tional Highway Traffic Safety Admin-  
3 istration and the National Tele-  
4 communications and Information Ad-  
5 ministration needed to ensure that the  
6 test is representative of the Global  
7 Positioning System and L-Band com-  
8 mercial satellite communications uses  
9 of concern for geolocation require-  
10 ments for Next Generation 9–1–1  
11 services (as defined in section 158(e)  
12 of the National Telecommunications  
13 and Information Administration Orga-  
14 nization Act (47 U.S.C. 942(e))).

15 (ii) REQUIREMENT TO PROVIDE IN-  
16 FORMATION.—The head of a Federal agen-  
17 cy described in any subclause of clause (i)  
18 shall provide to the Assistant Secretary or  
19 the Commission, upon request, the infor-  
20 mation described in such subclause.

21 (D) INFORMATION FROM NETWORK OPER-  
22 ATOR.—The person authorized to operate the  
23 network described in subsection (a) may submit  
24 to the Assistant Secretary or the Commission

1 information to inform the development of the  
2 testing plan under subparagraph (A).

3 (3) ENGINEERING PRACTICES.—The Commis-  
4 sion shall ensure that the test conducted under para-  
5 graph (1) is conducted using engineering practices  
6 agreed upon by technical experts of the National  
7 Telecommunications and Information Administration  
8 and the Commission.

9 (c) REPORT TO CONGRESS; CERTIFICATION.—

10 (1) REPORT.—Upon completion of the test  
11 under subsection (b)(1), the Assistant Secretary and  
12 the Commission shall jointly submit to the covered  
13 congressional committees a report on the results of  
14 such test and the potential to mitigate any inter-  
15 ference that the network described in subsection (a)  
16 may cause to the Global Positioning System and L-  
17 Band commercial satellite communications oper-  
18 ations.

19 (2) CERTIFICATION.—The Assistant Secretary  
20 and the Commission shall include in the report sub-  
21 mitted under paragraph (1)—

22 (A) a certification, based on the test con-  
23 ducted under subsection (b)(1), that the Order  
24 and Authorization described in subsection (a)  
25 can be implemented without interference that

1 will degrade the performance of the Global Po-  
2 sitioning System or L-Band commercial satellite  
3 communications operations; or

4 (B) if the Assistant Secretary and the  
5 Commission cannot make the certification de-  
6 scribed in subparagraph (A), a rationale for  
7 why such certification cannot be made.

8 (d) DEFINITIONS.—In this section:

9 (1) ASSISTANT SECRETARY.—The term “Assist-  
10 ant Secretary” means the Assistant Secretary of  
11 Commerce for Communications and Information.

12 (2) COMMISSION.—The term “Commission”  
13 means the Federal Communications Commission.

14 (3) COVERED CONGRESSIONAL COMMITTEES.—  
15 The term “covered congressional committees” means  
16 the following:

17 (A) The Committee on Energy and Com-  
18 merce of the House of Representatives.

19 (B) The Committee on Commerce, Science,  
20 and Transportation of the Senate.

21 (C) The Committee on Transportation and  
22 Infrastructure of the House of Representatives.

23 (D) The Committee on Armed Services of  
24 the House of Representatives.

1                   (E) The Committee on Armed Services of  
2                   the Senate.

3                   (F) The Committee on Agriculture of the  
4                   House of Representatives.

5                   (G) The Committee on Agriculture, Nutri-  
6                   tion, and Forestry of the Senate.

7                   (H) The Committee on Science, Space, and  
8                   Technology of the House of Representatives.

9                   (4) L-BAND.—The term “L-Band” means the  
10                  portion of the electromagnetic spectrum between the  
11                  frequencies of 1,000 megahertz and 2,000 mega-  
12                  hertz, inclusive.

