

**AMENDMENT TO RULES COMMITTEE PRINT 119-8**

**OFFERED BY MR. SHREVE OF INDIANA**

At the end of subtitle B of title XVII, add the following new section:

1 **SEC. 17\_\_\_\_. GLOBAL POSITIONING SYSTEM MODERNIZA-**  
2 **TION.**

3 (a) FINDINGS.—Congress finds the following:

4 (1) The Global Positioning System is a critical  
5 national asset that underpins military operations, ci-  
6 vilian infrastructure, and economic activities, relying  
7 on aging satellite and signal technologies.

8 (2) Modernizing to the Global Positioning Sys-  
9 tem III architecture, completing the Next Genera-  
10 tion Operational Control System, and introducing  
11 the L5 frequency is essential to ensure the systems  
12 continued reliability and security in the face of grow-  
13 ing threats.

14 (3) Adversaries have developed advanced capa-  
15 bilities to interfere with, jam, or spoof Global Posi-  
16 tioning System signals, posing risks to national de-  
17 fense and public safety. Transitioning to more resil-  
18 ient systems like Global Positioning System III and

1 the L5 signal can significantly reduce these  
2 vulnerabilities and enhance operational effectiveness.

3 (4) Delays in updating Global Positioning Sys-  
4 tem infrastructure and coordinating spectrum alloca-  
5 tion among Federal agencies have slowed progress  
6 toward modernization, and a revised Space Policy  
7 Directive-7 is necessary to align efforts across the  
8 government and accelerate the deployment of next-  
9 generation Global Positioning System capabilities.

10 (b) SENSE OF CONGRESS.—It is the sense of Con-  
11 gress that modernizing the Global Positioning System is  
12 a national priority to safeguard military readiness, protect  
13 critical infrastructure, and maintain economic competitive-  
14 ness.

15 (c) SPACE POLICY DIRECTIVE-7.—

16 (1) IN GENERAL.—Not later than 180 days  
17 after the date of the enactment of this Act, the  
18 President shall update Space Policy Directive-7 to  
19 accelerate the transition to the Global Positioning  
20 System III architecture, the Next Generation Oper-  
21 ational Control System, and the L5 frequency to en-  
22 hance the resilience and security of the Global Posi-  
23 tioning System.

24 (2) COMPONENTS.—The update required by  
25 paragraph (1) shall include—

1 (A) a clear timeline for transitioning to  
2 Global Positioning System III satellites and as-  
3 sociated ground control systems of the Next  
4 Generation Operational Control System;

5 (B) prioritization of the L5 signal for civil-  
6 ian and military applications to reduce reliance  
7 on more vulnerable legacy frequencies;

8 (C) coordination with the Secretary of De-  
9 fense, Secretary of Transportation, and other  
10 heads of relevant departments and agencies of  
11 the Federal Government to expedite system up-  
12 grades and spectrum allocation; and

13 (D) strategies to incentivize critical infra-  
14 structure assets shifting to modern systems and  
15 mitigate risks associated with Global Posi-  
16 tioning System signal interference, jamming,  
17 and spoofing.

18 (d) REPORT.—

19 (1) IN GENERAL.—Not later than one year  
20 after the date of the enactment of this Act, and an-  
21 nually thereafter for a period not to exceed three  
22 years, the National Space Council shall submit to  
23 the congressional defense committees, the Committee  
24 on Commerce, Science, and Transportation of the  
25 Senate, and the Committee on Transportation and

1 Infrastructure of the House of Representatives a re-  
2 port that includes—

3 (A) a detailed assessment of progress made  
4 toward transitioning to Global Positioning Sys-  
5 tem III satellites, Next Generation Operational  
6 Control System, and the L5 frequency;

7 (B) an evaluation of interagency coordina-  
8 tion efforts, including challenges in spectrum al-  
9 location and system upgrades;

10 (C) a description of implemented strategies  
11 to counter Global Positioning System signal in-  
12 terference, jamming, and spoofing, from state  
13 and non-state actors along with their effective-  
14 ness;

15 (D) an update on funding allocations, ex-  
16 penditures, and any additional resource needs  
17 to meet modernization objectives; and

18 (E) recommendations for legislative or ad-  
19 ministrative actions to further encourage crit-  
20 ical infrastructure assets shifting to modern  
21 systems and other efforts to enhance Global Po-  
22 sitioning System security, reliability, and resil-  
23 ience.

1           (2) FORM.—The report under paragraph (1)  
2       shall be submitted in an unclassified form but may  
3       contain a classified annex.

