

AMENDMENT TO RULES COMM. PRINT 119-33

OFFERED BY MR. FINE OF FLORIDA

At the end, add the following:

1 **DIVISION E—FULL AI STACK**
2 **EXPORT PROMOTION ACT**
3 **TITLE LI—FULL AI STACK**
4 **EXPORT PROMOTION ACT**

5 **SEC. 51__ . SHORT TITLE.**

6 This title may be cited as the “Full AI Stack Export
7 Promotion Act”.

8 **SEC. 51__ . FINDING.**

9 Congress finds that the United States is in a race
10 to achieve global dominance in artificial intelligence, the
11 winner of which will reap broad economic and national se-
12 curity benefits.

13 **SEC. 51__ . STATEMENT OF POLICY.**

14 It is the policy of the United States to—

15 (1) maintain United States dominance in the
16 global deployment of artificial intelligence;

17 (2) drive adoption of the United States full AI
18 stack by allies and partners;

19 (3) reduce the barriers faced by United States
20 firms to export the United States full AI stack;

1 (4) counter malign influence by the People's
2 Republic of China in international governance bodies
3 and ensure the global deployment of the full AI
4 stack strengthens United States values abroad; and
5 (5) prevent illicit foreign adversary access to
6 the United States full AI stack deployed abroad.

7 **SEC. 51_. INDUSTRY CONSORTIA FOR EXPORTING THE**
8 **FULL AI STACK.**

9 (a) IN GENERAL.—The Secretary of Commerce shall
10 establish and carry out a program to identify and receive
11 proposals which meet United States-approved security re-
12 quirements and standards from industry consortia to fa-
13 cilitate the export of the United States full AI stack to
14 allies and partners. An industry consortia shall be eligible
15 to submit proposals to the program under this subsection
16 if the consortia is established only for the purposes of par-
17 ticipating in such program.

18 (b) REPORT.—Not later than 180 days after the date
19 on which the program required by subsection (a) is estab-
20 lished, the Secretary of Commerce shall submit to the ap-
21 propriate congressional committees a report on the status
22 and results of such program.

1 **SEC. 51__.** **ELIMINATING FOREIGN BARRIERS TO THE**
2 **UNITED STATES FULL AI STACK.**

3 (a) **IN GENERAL.**—The Secretary of Commerce, in
4 consultation with the Secretary of State, shall work to in-
5 crease efforts to eliminate foreign barriers to the export
6 of the United States full AI stack, including—

7 (1) carrying out activities such as holding reg-
8 ular industry listening sessions;

9 (2) establishing a hotline for industry to com-
10 municate barriers to exporting the United States full
11 AI stack;

12 (3) elevating appropriate diplomatic channels;
13 and

14 (4) carrying out other relevant actions such
15 Secretaries determine appropriate.

16 (b) **DIPLOMATIC STRATEGY.**—Not later than 180
17 days after the enactment of this Act, the Secretary of
18 State, in consultation with the Secretary of Commerce,
19 shall establish a diplomatic strategy outlining how the
20 United States will address the following:

21 (1) Easing access by United States AI compa-
22 nies to foreign markets through the Foreign Com-
23 mercial Service and diplomatic and consular posts
24 abroad.

1 (2) Communicating to foreign countries the im-
2 portance and benefits of using the United States full
3 AI stack to deploy artificial intelligence.

4 (3) Leveraging the United States position in
5 international diplomatic and standard-setting bodies
6 to advocate for international AI governance ap-
7 proaches that promote innovation, reflect American
8 values, and counter authoritarian influence.

9 (c) REPORT.—Not later than 180 days after the date
10 on which the strategy required by subsection (b) is com-
11 pleted, the Secretary of State, in consultation with the
12 Secretary of Commerce, shall submit to the appropriate
13 congressional committees the strategy and a report detail-
14 ing the efforts to implement the strategy.

15 **SEC. 51 __. STUDY ON GLOBAL AI DEPLOYMENT.**

16 (a) IN GENERAL.—The Secretary of Commerce, in
17 coordination with the Director of National Intelligence
18 and the Secretary of State, shall conduct a study on the
19 benefits and impact of the global deployment of United
20 States artificial intelligence.

21 (b) MATTERS TO BE ADDRESSED.—The study re-
22 quired by subsection (a) shall address the following:

23 (1) The economic, diplomatic, and technological
24 impact on the United States and its allies by the
25 global deployment of the United States full AI stack.

1 (2) The impact on United States economic, dip-
2 lomatic, and technological leadership by the global
3 deployment of the United States full AI stack.

4 (3) How the global deployment of the United
5 States full AI stack assists countries worldwide in
6 advancing economic prosperity, improving quality of
7 life, expanding healthcare and educational access for
8 their citizens, and growing access to AI.

9 (4) The competitive position of the United
10 States full AI stack globally, compared to similar
11 technology developed by foreign countries.

12 (5) How the global deployment of the United
13 States full AI stack enhances or affects United
14 States and allied security.

15 (6) How the global deployment of the United
16 States full AI stack compares to alternatives offered
17 by foreign competitors according to a variety of
18 measures, including risk and safety.

19 (7) Priority regions and countries for exporting
20 the United States full AI stack abroad.

21 (c) REPORT.—

22 (1) IN GENERAL.—Not later than 360 days
23 after the date of the enactment of this Act, the Sec-
24 retary of Commerce, in consultation with the Sec-
25 retary of State, shall submit to the appropriate con-

1 (A) Plans to increase the speed and secu-
2 rity of the deployment of the United States full
3 AI stack, such as creating standardized security
4 requirements for the United States full AI
5 stack deployed in third countries.

6 (B) Agreements reached with countries
7 which are designed to promote the adoption of
8 the United States full AI stack, including ef-
9 forts to prevent illicit or unauthorized foreign
10 adversary access to the United States full AI
11 stack.

12 (C) The security measures that foreign
13 purchasers of the United States full AI stack
14 must undertake to prevent transfer of the
15 United States full AI stack to foreign adver-
16 saries, including by remote access.

17 (D) The presence of foreign adversary
18 hardware and software within the artificial in-
19 telligence supply chains of foreign purchasers of
20 the United States full AI stack, and supply-
21 chain security measures that foreign purchasers
22 of the United States full AI stack take to elimi-
23 nate that presence.

1 (E) Any other information regarding the
2 security of the United States full AI stack the
3 Secretary of Commerce determines relevant.

4 (3) FORM.—The report required by this sub-
5 section shall be submitted in unclassified form but
6 may include a classified annex.

7 **SEC. 51_. AI FULL STACK CONFIDENCE INITIATIVE.**

8 Not later than 180 days after the date of the enact-
9 ment of this Act, the Secretary of Commerce, in consulta-
10 tion with the Secretary of State, and the industry con-
11 sortia identified in section 51__, shall develop generally
12 applicable practices, product offerings, or related stand-
13 ards to help demonstrate confidence and reassurance to
14 major national purchasers of the United States full AI
15 stack of the privacy, confidentiality, security, and effec-
16 tiveness of the United States full AI stack for achieving
17 the economic and security goals of major foreign pur-
18 chasers.

19 **SEC. 51_. AI FULL STACK EXPORT SUCCESS TRACKER.**

20 (a) IN GENERAL.—Not later than 360 days after the
21 date of the enactment of this Act, and every 6 months
22 thereafter for five years, the Secretary of Commerce, in
23 coordination with the Director of National Intelligence
24 and the Secretary of State, shall complete an estimate of
25 the success of the export of the United States full AI stack

1 (in this section referred to as the “AI export success track-
2 er”).

3 (b) CONTENTS.—The AI export success tracker shall
4 contain the following elements:

5 (1) An estimate of each country’s installed arti-
6 ficial intelligence, measured by total national com-
7 puting capacity and total national memory band-
8 width.

9 (2) An estimate of what proportion of globally
10 installed artificial intelligence integrated circuits are
11 designed by United States firms.

12 (3) An estimate of what proportion of globally
13 installed artificial intelligence is installed in data
14 centers owned or operated by United States firms,
15 with appropriate descriptive breakdowns for each re-
16 gion or country.

17 (4) An estimate of the proportion of global arti-
18 ficial intelligence model usage, measured by tokens
19 processed, that occurs for models owned or operated
20 by United States firms, with appropriate descriptive
21 breakdowns for each region or country.

22 (5) An estimate of the proportion of global
23 cloud computing services revenue and data-proc-
24 essing capacity is attributable to cloud operators
25 owned or operated by United States firms.

1 (c) REPORT.—

2 (1) IN GENERAL.—The Secretary of Commerce
3 shall submit to the appropriate congressional com-
4 mittees and make available to the public a report
5 that contains the findings of each estimate described
6 under subsection (b).

7 (2) FORM.—The report required by this sub-
8 section shall be submitted in unclassified form but
9 may include a classified annex.

10 **SEC. 51 . DEFINITIONS.**

11 In this title:

12 (1) APPROPRIATE CONGRESSIONAL COMMIT-
13 TEES.—The term “appropriate congressional com-
14 mittees” means—

15 (A) the Committee on Foreign Affairs and
16 the Committee on Energy and Commerce of the
17 House of Representatives; and

18 (B) the Committee on Banking, Housing,
19 and Urban Affairs and the Committee on Com-
20 merce, Science, and Transportation of the Sen-
21 ate.

22 (2) ARTIFICIAL INTELLIGENCE INTEGRATED
23 CIRCUITS.—The term “artificial intelligence inte-
24 grated circuits” means any semiconductor device or
25 integrated circuit architecture that is marketed to

1 perform artificial intelligence model training, infer-
2 ence, or acceleration, including but not limited to
3 graphics processing units;

4 (3) FOREIGN ADVERSARIES.—The term “for-
5 eign adversaries” has the meaning given the term
6 “covered nation” in section 4872(f) of title 10,
7 United States Code.

8 (4) FULL AI STACK.—The term “full AI stack”
9 means the compute and data infrastructure that en-
10 able artificial intelligence research and development,
11 including high-performance computing resources,
12 data centers, the trained algorithms deployed on
13 such infrastructure, cloud services and infrastruc-
14 ture, and the technical standards with which these
15 facets operate.

16 (5) NATIONAL COMPUTING CAPACITY.—The
17 term “national computing capacity” means the ag-
18 gregate maximum number of floating-point oper-
19 ations per second or equivalent operations available
20 within a country from computing devices, processors,
21 or systems configured for large-scale artificial intel-
22 ligence training or inference. Computing capacity
23 shall be calculated as the maximum number of float-
24 ing-point operations per second, normalized at a pre-

1 cision level determined by the Secretary of Com-
2 merce.

3 (6) NATIONAL MEMORY BANDWIDTH.—The
4 term “national memory bandwidth” means the ag-
5 gregate maximum rate, expressed in bytes per sec-
6 ond, at which data can be transferred between proc-
7 essing elements and directly attached memory re-
8 sources in all computing devices, processors, or sys-
9 tems that are configured for large-scale artificial in-
10 telligence training or inference within a country. Na-
11 tional memory bandwidth shall be measured as the
12 sum of the sustained aggregate data transfer rates
13 of such systems under standard benchmark condi-
14 tions.

15 (7) UNITED STATES ARTIFICIAL INTELLIGENCE
16 SEMICONDUCTOR PRODUCTS.—The term “United
17 States artificial intelligence semiconductor products”
18 means any semiconductor device or integrated circuit
19 architecture for which design activities were con-
20 ducted in the United States and that is marketed to
21 perform artificial intelligence model training, infer-
22 ence, or acceleration, including graphics processing
23 units.

24 (8) UNITED STATES FULL AI STACK.—The
25 term “United States full AI stack” means those

1 parts of the full AI stack with respect to which enti-
2 ties whose ultimate parent company is organized or
3 headquartered in the United States are key devel-
4 opers, manufacturers, or providers across the rel-
5 evant parts of the supply chain for such parts.

6 (9) TOKEN.—The term “token” means a basic
7 unit of text, code, or other data processed by an ar-
8 tificial intelligence model, typically corresponding to
9 a word, part of a word, or symbol, used for the pur-
10 pose of measuring the volume of model input or out-
11 put.

