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[Report No. 119-]

To direct the Secretary of Commerce to take actions necessary and appropriate to promote the competitiveness of the United States related to the deployment, use, application, and competitiveness of blockchain technology or other distributed ledger technology, and for other purposes.

IN THE HOUSE OF REPRESENTATIVES

FEBRUARY 27, 2025

Mrs. CAMMACK (for herself and Mr. SOTO) introduced the following bill; which was referred to the Committee on Energy and Commerce

APRIL --, 2025

Committed to the Committee of the Whole House on the State of the Union,
and ordered to be printed

A BILL

To direct the Secretary of Commerce to take actions necessary and appropriate to promote the competitiveness of the United States related to the deployment, use, application, and competitiveness of blockchain technology or other distributed ledger technology, 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 “Deploying American
5 Blockchains Act of 2025”.

6 **SEC. 2. DEFINITIONS.**

7 In this Act:

8 (1) BLOCKCHAIN TECHNOLOGY OR OTHER DIS-
9 TRIBUTED LEDGER TECHNOLOGY.—The term
10 “blockchain technology or other distributed ledger
11 technology” means a distributed digital database
12 where data is—

13 (A) shared across a network of computers
14 to create a ledger of verified information among
15 network participants;

16 (B) linked using cryptography to maintain
17 the integrity of the ledger and to execute other
18 functions; and

19 (C) distributed among network partici-
20 pants in an automated fashion to concurrently
21 update network participants on the state of the
22 ledger and other functions.

23 (2) COVERED NONGOVERNMENTAL REPRESENT-
24 ATIVES.—The term “covered nongovernmental rep-
25 resentatives” means representatives as specified in

1 the second sentence of section 135(b)(1) of the
2 Trade Act of 1974 (19 U.S.C. 2155(b)(1)), except
3 that such term does not include representatives of
4 non-Federal Governments.

5 (3) SECRETARY.—The term “Secretary” means
6 the Secretary of Commerce.

7 (4) STATE.—The term “State” means each of
8 the several States, the District of Columbia, each
9 commonwealth, territory, or possession of the United
10 States, and each federally recognized Indian Tribe.

11 (5) TOKEN.—The term “token” means a trans-
12 ferable, digital representation of information re-
13 corded on blockchain technology or other distributed
14 ledger technology.

15 (6) TOKENIZATION.—The term “tokenization”
16 means the process of creating a token.

17 **SEC. 3. DEPARTMENT OF COMMERCE LEADERSHIP ON**
18 **BLOCKCHAIN.**

19 (a) FUNCTION OF SECRETARY.—The Secretary shall
20 serve as the principal advisor to the President for policy
21 pertaining to the deployment, use, application, and com-
22 petitiveness of blockchain technology or other distributed
23 ledger technology, applications built on blockchain tech-
24 nology or other distributed ledger technology, tokens, and
25 tokenization.

1 (b) ACTIVITIES.—The Secretary shall take actions
2 necessary and appropriate to support the leadership of the
3 United States with respect to the deployment, use, appli-
4 cation, and competitiveness of blockchain technology or
5 other distributed ledger technology, applications built on
6 blockchain technology or other distributed ledger tech-
7 nology, tokens, and tokenization, including by—

8 (1) developing policies and recommendations on
9 issues and risks related to the deployment, use, ap-
10 plication, and competitiveness of blockchain tech-
11 nology or other distributed ledger technology, appli-
12 cations built on blockchain technology or other dis-
13 tributed ledger technology, tokens, and tokenization,
14 including the issues of decentralized identity, cyber-
15 security, key storage and security systems, artificial
16 intelligence, fraud reduction, regulatory compliance,
17 e-commerce, health care applications, and supply
18 chain resiliency;

19 (2) supporting and promoting the stability,
20 maintenance, improvement, and security of
21 blockchain technology or other distributed ledger
22 technology, applications built on blockchain tech-
23 nology or other distributed ledger technology, to-
24 kens, and tokenization;

1 (3) helping to promote the leadership of the
2 United States with respect to the deployment, use,
3 application, and competitiveness of blockchain tech-
4 nology or other distributed ledger technology, appli-
5 cations built on blockchain technology or other dis-
6 tributed ledger technology, tokens, and tokenization
7 through the establishment of a Blockchain Deploy-
8 ment Program in the Department of Commerce;

9 (4) promoting the national security and eco-
10 nomic security of the United States with respect to
11 blockchain technology or other distributed ledger
12 technology, applications built on blockchain tech-
13 nology or other distributed ledger technology, to-
14 kens, and tokenization;

15 (5) supporting engagement with the public to
16 promote the best practices described in subsection
17 (c);

18 (6) considering policies and programs to en-
19 courage and improve coordination among Federal
20 agencies with respect to the deployment of
21 blockchain technology or other distributed ledger
22 technology, applications built on blockchain tech-
23 nology or other distributed ledger technology, to-
24 kens, and tokenization;

25 (7) examining—

1 (A) how Federal agencies can benefit from
2 utilizing blockchain technology or other distrib-
3 uted ledger technology, applications built on
4 blockchain technology or other distributed ledg-
5 er technology, tokens, and tokenization;

6 (B) the current use by Federal agencies of
7 blockchain technology or other distributed ledg-
8 er technology, applications built on blockchain
9 technology or other distributed ledger tech-
10 nology, tokens, and tokenization;

11 (C) the current and future preparedness
12 and ability of Federal agencies to adopt
13 blockchain technology or other distributed ledg-
14 er technology, applications built on blockchain
15 technology or other distributed ledger tech-
16 nology, tokens, and tokenization; and

17 (D) additional security measures Federal
18 agencies may need to take to—

19 (i) safely and securely use blockchain
20 technology or other distributed ledger tech-
21 nology, applications built on blockchain
22 technology or other distributed ledger tech-
23 nology, tokens, and tokenization, including
24 to ensure the security of critical infrastruc-
25 ture; and

1 (ii) enhance the resiliency of Federal
2 systems against cyber threats to blockchain
3 technology or other distributed ledger tech-
4 nology, applications built on blockchain
5 technology or other distributed ledger tech-
6 nology, tokens, and tokenization;

7 (8) supporting coordination of the activities of
8 the Federal Government related to the security of
9 blockchain technology and other distributed ledger
10 technology, applications built on blockchain tech-
11 nology or other distributed ledger technology, to-
12 kens, and tokenization; and

13 (9) not later than 180 days after the date of
14 the enactment of this Act, establishing advisory com-
15 mittees to support the adoption of blockchain tech-
16 nology or other distributed ledger technology, appli-
17 cations built on blockchain technology or other dis-
18 tributed ledger technology, tokens, and tokenization,
19 the membership of which shall include—

20 (A) the Secretary;

21 (B) representatives of Federal agencies (as
22 determined necessary by the Secretary); and

23 (C) nongovernmental stakeholders with ex-
24 pertise related to blockchain technology or other
25 distributed ledger technology, including—

1 (i) blockchain technology or other dis-
2 tributed ledger technology infrastructure
3 operators, suppliers, service providers, and
4 vendors;

5 (ii) application developers building on
6 blockchain technology or other distributed
7 ledger technology;

8 (iii) developers and organizations sup-
9 porting the advancement and deployment
10 of public blockchain technology or other
11 distributed ledger technology;

12 (iv) subject matter experts rep-
13 resenting industrial sectors that can ben-
14 efit from blockchain technology or other
15 distributed ledger technology;

16 (v) small, medium, and large busi-
17 nesses;

18 (vi) think tanks and academia;

19 (vii) nonprofit organizations and con-
20 sumer groups;

21 (viii) cybersecurity experts;

22 (ix) rural stakeholders;

23 (x) covered nongovernmental rep-
24 resentatives;

1 (xi) artists and the content creator
2 community; and
3 (xii) other stakeholders with relevant
4 expertise (as determined necessary by the
5 Secretary).

6 (c) BEST PRACTICES.—The Secretary shall, on an
7 ongoing basis, facilitate and support the development and
8 dissemination of best practices with respect to blockchain
9 technology or other distributed ledger technology, applica-
10 tions built on blockchain technology or other distributed
11 ledger technology, tokens, and tokenization that—

12 (1) support the private sector, the public sector,
13 and public-private partnerships in the deployment of
14 technologies needed to advance the capabilities of
15 blockchain technology or other distributed ledger
16 technology, applications built on blockchain tech-
17 nology or other distributed ledger technology, to-
18 kens, and tokenization;

19 (2) support the interoperability of blockchain
20 technology or other distributed ledger technology,
21 applications built on blockchain technology or other
22 distributed ledger technology, tokens, and
23 tokenization;

24 (3) support operations, including hashing and
25 key storage and security systems, that form the

1 foundation of blockchain technology or other distrib-
2 uted ledger technology, applications built on
3 blockchain technology or other distributed ledger
4 technology, tokens, and tokenization;

5 (4) reduce cybersecurity and other risks that
6 may compromise blockchain technology or other dis-
7 tributed ledger technology, applications built on
8 blockchain technology or other distributed ledger
9 technology, tokens, and tokenization;

10 (5) reduce uncertainty and risks in the use of
11 blockchain technology or other distributed ledger
12 technology, applications built on blockchain tech-
13 nology or other distributed ledger technology, to-
14 kens, and tokenization; and

15 (6) quantify the value and potential cost sav-
16 ings associated with adoption of blockchain tech-
17 nology or other distributed ledger technology, appli-
18 cations built on blockchain technology or other dis-
19 tributed ledger technology, tokens, and tokenization,
20 including through comparative analyses of competing
21 and existing technologies within specific industry ap-
22 plications.

23 (d) ADDITIONAL REQUIREMENTS.—In carrying out
24 this section, the Secretary shall—

1 (1) consult closely and regularly with stake-
2 holders, including private sector individuals and enti-
3 ties, and incorporate industry expertise;

4 (2) collaborate with private sector stakeholders
5 to identify prioritized, flexible, repeatable, perform-
6 ance-based, and cost-effective approaches to the de-
7 ployment of blockchain technology or other distrib-
8 uted ledger technology, applications built on
9 blockchain technology or other distributed ledger
10 technology, tokens, and tokenization;

11 (3) disseminate research and information per-
12 taining to the use of, and marketplace for,
13 blockchain technology or other distributed ledger
14 technology, applications built on blockchain tech-
15 nology or other distributed ledger technology, to-
16 kens, and tokenization;

17 (4) develop standardized terminology for, and
18 promote common understanding of, blockchain tech-
19 nology or other distributed ledger technology, appli-
20 cations built on blockchain technology or other dis-
21 tributed ledger technology, tokens, and tokenization;

22 (5) ensure the best practices described in sub-
23 section (c) facilitate the ease of use of blockchain
24 technology or other distributed ledger technology,
25 applications built on blockchain technology or other

1 distributed ledger technology, tokens, and
2 tokenization;

3 (6) support open-source infrastructure, data
4 management, and authentication activities with re-
5 spect to blockchain technology or other distributed
6 ledger technology, applications built on blockchain
7 technology or other distributed ledger technology, to-
8 kens, and tokenization; and

9 (7) consider the needs and interests of both the
10 private and public sector, including small businesses
11 and Federal, State, and local governments.

12 (e) RULES OF CONSTRUCTION.—Nothing in this sec-
13 tion may be construed to—

14 (1) require a private entity to share information
15 with the Secretary;

16 (2) require a private entity to request assist-
17 ance from the Secretary;

18 (3) require a private entity to implement any
19 measure or recommendation suggested by the Sec-
20 retary in response to a request by the private entity;
21 or

22 (4) require the adoption of the best practices
23 described in subsection (c).

1 (f) CONSULTATION.—In implementing this section,
2 the Secretary may, as appropriate, consult with the heads
3 of relevant Federal agencies.

4 (g) TERMINATION OF PROGRAM.—The Blockchain
5 Deployment Program established pursuant to subsection
6 (b)(3) shall terminate on the date that is 7 years after
7 the date of the enactment of this Act.

8 **SEC. 4. REPORT TO CONGRESS.**

9 Not later than 2 years after the date of the enact-
10 ment of this Act, and annually thereafter, the Secretary
11 shall make public on the website of the Department of
12 Commerce and submit to the Committee on Energy and
13 Commerce of the House of Representatives and the Com-
14 mittee on Commerce, Science, and Transportation of the
15 Senate a report that includes—

16 (1) a description of the activities of the Sec-
17 retary under this Act during the preceding year;

18 (2) any recommendations by the Secretary for
19 additional legislation to strengthen the competitive-
20 ness of the United States with respect to blockchain
21 technology or other distributed ledger technology,
22 applications built on blockchain technology or other
23 distributed ledger technology, tokens, and
24 tokenization; and

1 (3) a description of any emerging risks and
2 long-term trends with respect to blockchain tech-
3 nology or other distributed ledger technology, appli-
4 cations built on blockchain technology or other dis-
5 tributed ledger technology, tokens, and tokenization.