

AMENDMENT TO RULES COMM. PRINT 118–10
OFFERED BY MR. CORREA OF CALIFORNIA

Add at the end of subtitle C of title XVIII the following:

1 **SEC. 1859. INNOVATIVE AND EMERGING BORDER TECH-**
2 **NOLOGY PLAN.**

3 (a) IN GENERAL.—Not later than 180 days after the
4 date of the enactment of this Act, the Secretary of Home-
5 land Security, acting through the Commissioner of U.S.
6 Customs and Border Protection (CBP) and the Under
7 Secretary for Science and Technology of the Department
8 of Homeland Security, in consultation with the Secretary
9 of Defense, shall submit to the Committee on Homeland
10 Security of the House of Representatives and the Com-
11 mittee on Homeland Security and Governmental Affairs
12 of the Senate a plan to identify, integrate, and deploy new,
13 innovative, disruptive, or other emerging or advanced tech-
14 nologies used by the Department of Defense or other Fed-
15 eral departments or agencies that may incorporate artifi-
16 cial intelligence, machine-learning, automation, fiber-optic
17 sensing technology, nanotechnology, optical and cognitive
18 radar, modeling and simulation technology, hyperspectral
19 and LIDAR sensors, imaging, identification, and cat-

1 egorization systems, or other emerging or advanced tech-
2 nologies, to enhance, or address capability gaps in, border
3 security operations.

4 (b) CONTENTS.—The plan required under subsection
5 (a) shall include the following:

6 (1) Information regarding how CBP utilizes
7 CBP Innovation Team authority under subsection
8 (c) and other mechanisms to carry out the purposes
9 specified in subsection (a).

10 (2) An assessment of the contributions directly
11 attributable to such utilization.

12 (3) Information regarding the composition of
13 each CBP Innovation Team, and how each such
14 Team coordinates and integrates efforts with the
15 CBP acquisition program office and other partners
16 within CBP and the Department of Homeland Secu-
17 rity.

18 (4) Identification of technologies used by the
19 Department of Defense or other Federal depart-
20 ments or agencies not in use by CBP that could as-
21 sist in enhancing, or addressing capability gaps in,
22 border security operations.

23 (5) An analysis of authorities available to CBP
24 to procure technologies referred to subsection (a),
25 and an assessment as to whether additional or alter-

1 native authorities are needed to carry out the pur-
2 poses specified in such subsection.

3 (6) An explanation of how CBP plans to scale
4 existing programs related to emerging or advanced
5 technologies into programs of record.

6 (7) An assessment of CBP legacy border tech-
7 nology programs that could be phased out and re-
8 placed by technologies referred to in subsection (a),
9 and cost estimates relating to such phase out and
10 replacement.

11 (8) Information relating to how CBP is coordi-
12 nating with the Department of Homeland Security's
13 Science and Technology Directorate to—

14 (A) research and develop new, innovative,
15 disruptive, or other emerging or advanced tech-
16 nologies to carry out the purposes specified in
17 subsection (a); and

18 (B) incentivize the private sector to de-
19 velop technologies that may help CBP meet
20 mission needs to enhance, or address capability
21 gaps in, border security operations.

22 (9) Information on metrics and key perform-
23 ance parameters for evaluating the effectiveness of
24 efforts to identify, integrate, and deploy new, inno-
25 vative, disruptive, or other emerging or advanced

1 technologies to carry out the purposes specified in
2 subsection (a).

3 (10) Any other information the Secretary deter-
4 mines relevant.

5 (c) CBP INNOVATION TEAM AUTHORITY.—

6 (1) IN GENERAL.—The Commissioner of CBP
7 is authorized to maintain one or more CBP Innova-
8 tion Teams to research and adapt commercial tech-
9 nologies that are new, innovative, disruptive, or oth-
10 erwise emerging or advanced that may be used by
11 CBP to enhance, or address capability gaps in bor-
12 der security operations and urgent mission needs,
13 and assess potential outcomes, to include any nega-
14 tive consequences, of the introduction of emerging or
15 advanced technologies with respect to which docu-
16 mented capability gaps in border security operations
17 are yet to be determined.

18 (2) OPERATING PROCEDURES, PLANNING, STRA-
19 TEGIC GOALS.—The Commissioner of CBP shall re-
20 quire each team maintained pursuant to paragraph
21 (1) to establish the following:

22 (A) Operating procedures that include
23 specificity regarding roles and responsibilities
24 within each such team and with respect to De-
25 partment of Homeland Security and non-Fed-

1 eral partners, and protocols for entering into
2 agreements to rapidly transition such tech-
3 nologies to existing or new programs of record
4 to carry out the purposes specified in subsection
5 (a).

6 (B) Planning and strategic goals for each
7 such team that includes projected costs, time
8 frames, metrics, and key performance param-
9 eters relating to the achievement of identified
10 strategic goals, including a metric to measure
11 the rate at which technologies described in sub-
12 section (a) are transitioned to existing or new
13 programs of record in accordance with subpara-
14 graph (A)

15 (3) REPORTING.—Not later than 180 days after
16 the date of the enactment of this Act and annually
17 thereafter, the Commissioner of CBP shall submit to
18 the Committee on Homeland Security and the Com-
19 mittee on Armed Services of the House of Rep-
20 resentatives and the Committee on Homeland Secu-
21 rity and Governmental Affairs and the Committee
22 on Armed Services of the Senate information relat-
23 ing to the activities CBP Innovation Teams, includ-
24 ing information regarding the following:

1 (A) Copies of operating procedures and
2 protocols under paragraph (2)(A) and planning
3 and strategic goals required under paragraph
4 (2)(B).

5 (B) Descriptions of the technologies piloted
6 by each such team over the immediately pre-
7 ceding fiscal year, including information regard-
8 ing which such technologies are determined suc-
9 cessful and an identification of documented ca-
10 pability gaps that are addressed.

11 (C) Information on the status of efforts to
12 rapidly transition technologies determined suc-
13 cessful to existing or new programs of record.

