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 TECHNOLOGY PLAN.
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3 (a) IN GENERAL.—Not later than 180 days after the date of the enactment of this Act, the Secretary of Homeland Security, acting through the Commissioner of U.S. Customs and Border Protection (CBP) and the Under Secretary for Science and Technology of the Department of Homeland Security, in consultation with the Secretary of Defense, shall submit to the Committee on Homeland Security of the House of Representatives and the Committee on Homeland Security and Governmental Affairs of the Senate a plan to identify, integrate, and deploy new, innovative, disruptive, or other emerging or advanced technologies used by the Department of Defense or other Federal departments or agencies that may incorporate artificial intelligence, machine-learning, automation, fiber-optic sensing technology, nanotechnology, optical and cognitive radar, modeling and simulation technology, hyperspectral and LIDAR sensors, imaging, identification, and cat-
egorization systems, or other emerging or advanced technologies, to enhance, or address capability gaps in, border security operations.

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

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

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

(3) Information regarding the composition of each CBP Innovation Team, and how each such Team coordinates and integrates efforts with the CBP acquisition program office and other partners within CBP and the Department of Homeland Security.

(4) Identification of technologies used by the Department of Defense or other Federal departments or agencies not in use by CBP that could assist in enhancing, or addressing capability gaps in, border security operations.

(5) An analysis of authorities available to CBP to procure technologies referred to subsection (a), and an assessment as to whether additional or alter-
native authorities are needed to carry out the purposes specified in such subsection.

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

(7) An assessment of CBP legacy border technology programs that could be phased out and replaced by technologies referred to in subsection (a), and cost estimates relating to such phase out and replacement.

(8) Information relating to how CBP is coordinating with the Department of Homeland Security’s Science and Technology Directorate to—

(A) research and develop new, innovative, disruptive, or other emerging or advanced technologies to carry out the purposes specified in subsection (a); and

(B) incentivize the private sector to develop technologies that may help CBP meet mission needs to enhance, or address capability gaps in, border security operations.

(9) Information on metrics and key performance parameters for evaluating the effectiveness of efforts to identify, integrate, and deploy new, innovative, disruptive, or other emerging or advanced
technologies to carry out the purposes specified in subsection (a).

(10) Any other information the Secretary determines relevant.

(c) CBP Innovation Team Authority.—

(1) IN GENERAL.—The Commissioner of CBP is authorized to maintain one or more CBP Innovation Teams to research and adapt commercial technologies that are new, innovative, disruptive, or otherwise emerging or advanced that may be used by CBP to enhance, or address capability gaps in border security operations and urgent mission needs, and assess potential outcomes, to include any negative consequences, of the introduction of emerging or advanced technologies with respect to which documented capability gaps in border security operations are yet to be determined.

(2) OPERATING PROCEDURES, PLANNING, STRATEGIC GOALS.—The Commissioner of CBP shall require each team maintained pursuant to paragraph (1) to establish the following:

(A) Operating procedures that include specificity regarding roles and responsibilities within each such team and with respect to Department of Homeland Security and non-Fed-
eral partners, and protocols for entering into
agreements to rapidly transition such tech-
nologies to existing or new programs of record
to carry out the purposes specified in subsection
(a).

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

(3) REPORTING.—Not later than 180 days after
the date of the enactment of this Act and annually
thereafter, the Commissioner of CBP shall submit to
the Committee on Homeland Security and the Com-
mittee on Armed Services of the House of Rep-
resentatives and the Committee on Homeland Secu-
ritry and Governmental Affairs and the Committee
on Armed Services of the Senate information relat-
ing to the activities CBP Innovation Teams, includ-
ing information regarding the following:
(A) Copies of operating procedures and protocols under paragraph (2)(A) and planning and strategic goals required under paragraph (2)(B).

(B) Descriptions of the technologies piloted by each such team over the immediately preceding fiscal year, including information regarding which such technologies are determined successful and an identification of documented capability gaps that are addressed.

(C) Information on the status of efforts to rapidly transition technologies determined successful to existing or new programs of record.