

AMENDMENT TO
RULES COMMITTEE PRINT 119-33
OFFERED BY MR. OBERNOLTE OF CALIFORNIA

At the end of subtitle C of title III, add the following new section:

1 **SEC. 3___. PILOT PROGRAM ON INTEGRATED ROAD AND**
2 **RAILROAD LOGISTICS CAPABILITIES FOR**
3 **UNITED STATES TRANSPORTATION COM-**
4 **MAND.**

5 (a) ESTABLISHMENT.—Not later than 180 days after
6 the date of the enactment of this Act, the Secretary of
7 Defense, acting through the Commander of the United
8 States Transportation Command, shall establish a pilot
9 program to assess the operational utility of integrated
10 road and railroad logistics capabilities at the initial and
11 final stages of the transportation process, to improve the
12 resilience, throughput, and safety of surface distribution
13 in support of joint force operations, including in austere
14 and contested environments.

15 (b) ACTIVITIES.—The pilot program under sub-
16 section (a) shall, to the maximum extent practicable and
17 consistent with applicable safety and security require-
18 ments, include the following activities:

1 (1) The demonstration and evaluation of sur-
2 face logistics platforms capable of—

3 (A) operating on public roads and on
4 standard-gauge rail infrastructure, including
5 yards, spurs, sidings, and railheads; and

6 (B) transitioning between such modes
7 without requiring the construction of new fixed
8 terminal infrastructure.

9 (2) The demonstration and evaluation of capa-
10 bilities to transport standardized cargo platforms,
11 including loads compatible with international inter-
12 modal containers (commonly referred to as “ISO
13 containers”) and other modular payloads, between
14 public roads and rail infrastructure in a manner that
15 reduces reliance on multiple specialized assets for
16 handling cargo and reduces cargo dwell time at rail-
17 heads and yards.

18 (3) The assessment of plans for the operational
19 deployment of such platforms, capabilities, and asso-
20 ciated systems, for—

21 (A) distribution to military installations
22 and use with respect to depots;

23 (B) port and strategic mobility support ac-
24 tivities; and

1 (C) distributed logistics in austere and
2 contested environments where infrastructure is
3 damaged, constrained, or unavailable.

4 (4) The demonstration and evaluation of a soft-
5 ware-enabled capability to coordinate transportation
6 on public roads and rail infrastructure at the initial
7 and final stages of the transportation process, in-
8 cluding to coordinate the scheduling of yard and ter-
9 minal availability, mission assignment, and exception
10 management, and to generate auditable performance
11 data on such activities.

12 (5) The assessment of cybersecurity and data
13 integrity measures for any networked command-and-
14 control, dispatch, or audit logging function relating
15 to such pilot program, including authentication,
16 encryption in transit, access controls, and tamper-
17 evident recordkeeping, consistent with applicable cy-
18 bersecurity policies of the Department of Defense.

19 (6) The evaluation of safety considerations (in-
20 cluding with respect to human involvement in super-
21 vision activities, as appropriate) and compliance
22 pathways for operations on or adjacent to rail infra-
23 structure and in controlled environments, including
24 geofenced areas.

1 (c) LOCATIONS.—The Commander of the United
2 States Transportation Command shall carry out the pilot
3 program under subsection (a) at one or more locations se-
4 lected by the Commander. Such locations may include the
5 following:

6 (1) A strategic distribution node, port, or other
7 surface distribution hub supporting the Defense
8 Transportation System.

9 (2) A railhead located at a military installation,
10 a depot, a location at which logistics readiness ac-
11 tivities are conducted, or another facility of the De-
12 partment of Defense with recurring surface distribu-
13 tion requirements.

14 (d) METRICS AND EVALUATION.—In carrying out the
15 pilot program under subsection (a), the Commander of the
16 United States Transportation Command shall establish
17 metrics and, to the maximum extent practicable, collect
18 and assess performance data for the activities conducted
19 under such pilot program. Such data may include the fol-
20 lowing:

21 (1) Cargo dwell time and throughput.

22 (2) Labor hour requirements and safety inci-
23 dents.

24 (3) Operational availability and maintenance
25 burden.

1 (4) Energy use and fuel consumption.

2 (5) Integration burden with existing logistics in-
3 formation systems.

4 (6) Cybersecurity observations and data integ-
5 rity outcomes.

6 (e) TERMINATION.—The pilot program under sub-
7 section (a) shall terminate on the date that is two years
8 after the date on which the pilot program is established.

9 (f) REPORT.—Not later than 180 days after the date
10 of the termination of the pilot program under subsection
11 (e), the Secretary of Defense shall submit to the congres-
12 sional defense committees a report containing a descrip-
13 tion of the results of such pilot program, including the
14 following:

15 (1) A summary of the activities conducted
16 under such pilot program and the locations selected
17 pursuant to subsection (c).

18 (2) An assessment of the performance of such
19 activities against the metrics established pursuant to
20 subsection (d).

21 (3) An identification of any safety or regulatory
22 constraint encountered in carrying out such activi-
23 ties, including as a result of railroad operating rules.

24 (4) An assessment of cybersecurity and data in-
25 tegrity considerations.

1 (5) A cost-informed assessment of the
2 scalability of such pilot program and related
3 sustainment considerations.

4 (6) Recommendations regarding future experi-
5 mentation relating to the capabilities demonstrated
6 and evaluated under such pilot program or similar
7 capabilities, the development of related require-
8 ments, and potential transition pathways for such
9 capabilities.

