

[DISCUSSION DRAFT]

115TH CONGRESS
1ST SESSION

H. R. _____

To establish in the Department of Transportation an Automated Driving System Cybersecurity Advisory Council make recommendations regarding cybersecurity framework for the testing, deployment, and updating of automated driving systems.

IN THE HOUSE OF REPRESENTATIVES

_____ introduced the following bill; which was referred to the
Committee on _____

A BILL

To establish in the Department of Transportation an Automated Driving System Cybersecurity Advisory Council make recommendations regarding cybersecurity framework for the testing, deployment, and updating of automated driving systems.

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. AUTOMATED DRIVING SYSTEM**
4 **CYBERSECURITY ADVISORY COUNCIL.**

5 (a) ESTABLISHMENT.—Subject to the availability of
6 appropriations, the Secretary of Transportation shall es-

1 tablish in the Department of Transportation an Auto-
2 mated Driving System Cybersecurity Advisory Council
3 (hereinafter referred to as the “Council”) composed of not
4 less than **[20]** and not more than **[50]** members ap-
5 pointed by the Secretary.

6 (b) DUTIES.—The Council shall undertake informa-
7 tion gathering activities, develop technical advice, and
8 present recommendations to the Secretary regarding
9 cybersecurity for the testing, deployment, and updating of
10 automated driving systems with respect to supply chain
11 risk management, interactions with Information Sharing
12 and Analysis Centers and Information Sharing and Anal-
13 ysis Organizations, and a framework for identifying and
14 implementing recalls of motor vehicles or motor vehicle
15 parts. The recommendations shall also be reported to the
16 Committee on Energy and Commerce of the House of
17 Representative and the Committee on Commerce, Science,
18 and Transportation of the Senate.

19 (c) MEMBERSHIP AND QUALIFICATIONS.—Members
20 of the Council shall be representative of—

21 (1) original equipment manufacturers of auto-
22 mated driving systems with a presence in the United
23 States; the community of suppliers of original equip-
24 ment manufacturers of automated driving systems;

1 (2) automobile dealers selling automated driving
2 systems;

3 (3) organizations facilitating the sharing and
4 dissemination of cybersecurity threat information
5 and intelligence within the automotive industry and
6 with external stakeholders (including public sector
7 entities such as State chief information security offi-
8 cers);

9 (4) engineers developing the software and hard-
10 ware deployed in automated driving systems;

11 (5) independent cybersecurity researchers;

12 (6) academia with expertise in cybersecurity for
13 automated driving systems;

14 (7) communications cybersecurity experts with
15 experience regarding automated driving systems;

16 (8) insurance industry representatives;

17 (9) automotive repair industry representatives;

18 and

19 (10) at least one representative from the Na-
20 tional Highway Traffic Safety Administration and at
21 least one representative from the National Institute
22 of Standards and Technology.

23 (d) VACANCIES.—Any vacancy occurring in the mem-
24 bership of the Council shall be filled in the same manner
25 as the original appointment for the position being vacated.

1 The vacancy shall not affect the power of the remaining
2 members to execute the duties of the Council.

3 (e) FEDERAL ADVISORY COMMITTEE ACT.—The es-
4 tablishment and operation of the Council shall conform to
5 the requirements of the Federal Advisory Committee Act
6 (5 U.S.C. App.).

7 (f) TECHNICAL ASSISTANCE.—On request of the
8 Council, the Secretary shall provide such technical assist-
9 ance to the Council as **【the Council】** / **【the Secretary】**
10 determines to be necessary to carry out its duties.

11 (g) DETAIL OF FEDERAL EMPLOYEES.—On the re-
12 quest of the Council, the Secretary may detail, with or
13 without reimbursement, any of the personnel of the De-
14 partment of Transportation to the Council to assist the
15 Council in carrying out its duties. Any detail shall not in-
16 terrupt or otherwise affect the civil service status or privi-
17 leges of the Federal employee.

18 (h) PAYMENT AND EXPENSES.—Members of advisory
19 councils shall serve without pay, except travel and per
20 diem will be paid each member for meetings called by the
21 Secretary.

22 (i) DEFINITION.—For purposes of this Act, the term
23 “automated driving system” has the meaning given that
24 term in the September 2016 Surface Vehicle Rec-

- 1 Recommended Practice Report (J3016) by SAE
- 2 International [, or any successor report thereto] .