



General Assembly

Amendment

January Session, 2017

LCO No. 6730



Offered by:

SEN. LEONE, 27th Dist.
SEN. BOUCHER, 26th Dist.
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REP. CARNEY, 23rd Dist.
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To: Subst. Senate Bill No. 260

File No. 433

Cal. No. 237

"AN ACT CONCERNING AUTONOMOUS VEHICLES."

1 Strike everything after the enacting clause and substitute the
2 following in lieu thereof:

3 "Section 1. (NEW) (*Effective from passage*) (a) For the purposes of this
4 section:

5 (1) "Fully autonomous vehicle" means a motor vehicle that is
6 equipped with an automated driving system, designed to function
7 without an operator and classified as level four or level five by SAE
8 J3016;

9 (2) "Automated driving system" means the hardware and software
10 that are collectively capable of performing the entire dynamic driving
11 task on a sustained basis, regardless of whether the automated driving

12 system is limited to a specific operational design domain;

13 (3) "Dynamic driving task" means the real-time operational and
14 tactical functions required to operate a motor vehicle on highways,
15 excluding the strategic functions such as trip scheduling and selection
16 of destinations and waypoints;

17 (4) "Operational design domain" means a description of the
18 operating domains in which an automated driving system is designed
19 to function, including, but not limited to, geographic, roadway,
20 environmental and speed limitations;

21 (5) "SAE J3016" means the "Taxonomy and Definitions for Terms
22 Related to Driving Automation Systems for On-Road Motor Vehicles"
23 published by SAE International in September 2016;

24 (6) "Operator" means the person seated in the driver's seat of a fully
25 autonomous vehicle;

26 (7) "Autonomous vehicle tester" means an autonomous vehicle
27 manufacturer, institution of higher education, fleet service provider or
28 automotive equipment or technology provider;

29 (8) "Fleet service provider" means a person or entity that owns or
30 leases a fully autonomous vehicle and operates such fully autonomous
31 vehicle for commercial or public use;

32 (9) "Autonomous vehicle manufacturer" means: (A) A person or
33 entity that builds or sells fully autonomous vehicles; (B) a person or
34 entity that installs automated driving systems in motor vehicles that
35 are not originally built as fully autonomous vehicles; or (C) a person or
36 entity that develops automated driving systems in fully autonomous
37 vehicles or motor vehicles that are not originally built as fully
38 autonomous vehicles;

39 (10) "Secretary" means the Secretary of the Office of Policy and
40 Management; and

41 (11) "Highway", "limited access highway" and "operator's license"
42 have the same meanings as defined in section 14-1 of the general
43 statutes.

44 (b) The Office of Policy and Management, in consultation with the
45 Departments of Motor Vehicles, Transportation and Emergency
46 Services and Public Protection, shall establish a pilot program for not
47 more than four municipalities to allow autonomous vehicle testers to
48 test fully autonomous vehicles on the highways of such municipalities.
49 Municipalities shall apply to the Secretary of the Office of Policy
50 Management in the manner and form directed by the secretary for
51 inclusion in the pilot program. The secretary shall select at least one
52 municipality with a population of at least one hundred twenty
53 thousand, but not more than one hundred twenty-four thousand, and
54 one municipality with a population of at least one hundred thousand,
55 as enumerated in the 2010 federal decennial census.

56 (c) The chief elected official or chief executive officer of a
57 municipality selected by the secretary shall select and enter into a
58 written agreement with an autonomous vehicle tester or autonomous
59 vehicle testers to test fully autonomous vehicles on the highways of the
60 municipality. Such agreement shall, at a minimum: (1) Specify the
61 locations and routes where such fully autonomous vehicles may
62 operate; (2) prohibit the operation of such fully autonomous vehicles
63 outside such locations and routes except in the case of an emergency;
64 (3) identify each fully autonomous vehicle to be tested by vehicle
65 identification number, make, year and model; and (4) specify the hours
66 of operation of such fully autonomous vehicles.

67 (d) An autonomous vehicle tester shall not test a fully autonomous
68 vehicle in a municipality unless:

69 (1) The operator is: (A) Seated in the driver's seat of the fully
70 autonomous vehicle; (B) monitoring the operation of such fully
71 autonomous vehicle; (C) capable of taking immediate manual control
72 of such fully autonomous vehicle; (D) an employee, independent

73 contractor or other person designated and trained by the autonomous
74 vehicle tester concerning the capabilities and limitations of such fully
75 autonomous vehicle; and (E) a holder of an operator's license;

76 (2) The autonomous vehicle tester: (A) Registers each fully
77 autonomous vehicle to be tested with the Commissioner of Motor
78 Vehicles pursuant to section 14-12 of the general statutes; and (B)
79 submits to the commissioner, in a manner and form directed by the
80 commissioner, proof of liability insurance, self-insurance or a surety
81 bond of at least five million dollars for damages by reason of bodily
82 injury, death or property damage caused by a fully autonomous
83 vehicle; and

84 (3) The operator and autonomous vehicle tester: (A) Comply with
85 any provision of the general statutes or any ordinance of a
86 municipality concerning the operation of motor vehicles; (B) comply
87 with standards established by the National Highway Traffic Safety
88 Administration regarding fully autonomous vehicles; and (C) satisfy
89 any other requirement as determined by the secretary, in consultation
90 with the Commissioners of Motor Vehicles, Transportation and
91 Emergency Services and Public Protection, as necessary to ensure the
92 safe operation of such fully autonomous vehicle.

93 (e) No autonomous vehicle tester shall test a fully autonomous
94 vehicle on any limited access highway.

95 (f) The secretary may immediately prohibit an operator or
96 autonomous vehicle tester from testing a fully autonomous vehicle if
97 the secretary, in consultation with the Commissioners of Motor
98 Vehicles, Transportation and Emergency Services and Public
99 Protection, determines that such testing poses a risk to public safety or
100 that such operator or autonomous vehicle tester fails to comply with
101 the provisions of this section or with the requirements of the pilot
102 program.

103 (g) An autonomous vehicle tester that participates in the pilot
104 program shall provide information to the secretary and the task force

105 established pursuant to section 2 of this act that the secretary and task
106 force deem to be appropriate for measuring the performance of the
107 pilot program. The autonomous vehicle tester may withhold any
108 commercially valuable, confidential or proprietary information.

109 (h) Not later than January 1, 2019, and annually thereafter, the
110 secretary shall submit a report to the joint standing committee of the
111 General Assembly having cognizance of matters relating to
112 transportation, in accordance with section 11-4a of the general statutes,
113 concerning the implementation and progress of the pilot program.

114 Sec. 2. (*Effective from passage*) (a) There is established a task force to
115 study fully autonomous vehicles. Such study shall include, but need
116 not be limited to, (1) an evaluation of the standards established by the
117 National Highway Traffic Safety Administration regarding state
118 responsibilities for regulating fully autonomous vehicles, (2) an
119 evaluation of laws, legislation and regulations proposed or enacted by
120 other states to regulate fully autonomous vehicles, (3)
121 recommendations on how the state should regulate fully autonomous
122 vehicles through legislation and regulation, and (4) an evaluation of
123 the pilot program established pursuant to section 1 of this act.

124 (b) The task force shall consist of the following members:

125 (1) One appointed by the speaker of the House of Representatives;

126 (2) One appointed by the president pro tempore of the Senate;

127 (3) One appointed by the majority leader of the House of
128 Representatives;

129 (4) One appointed by the majority leader of the Senate;

130 (5) One appointed by the minority leader of the House of
131 Representatives;

132 (6) One appointed by the minority leader of the Senate;

133 (7) One appointed by the Senate chairperson of the joint standing
134 committee of the General Assembly having cognizance of matters
135 relating to transportation;

136 (8) One appointed by the Senate ranking member of the joint
137 standing committee of the General Assembly having cognizance of
138 matters relating to transportation;

139 (9) One appointed by the House chairperson of the joint standing
140 committee of the General Assembly having cognizance of matters
141 relating to transportation;

142 (10) Two appointed by the Governor, one of whom has expertise in
143 autonomous vehicles and one of whom has expertise in insurance;

144 (11) The Secretary of the Office of Policy and Management, or the
145 secretary's designee;

146 (12) The Commissioner of Motor Vehicles, or the commissioner's
147 designee;

148 (13) The Commissioner of Transportation, or the commissioner's
149 designee; and

150 (14) The Commissioner of Emergency Services and Public
151 Protection, or the commissioner's designee.

152 (c) Any member of the task force appointed under subdivisions (1)
153 to (10), inclusive, of subsection (b) of this section may be a member of
154 the General Assembly.

155 (d) All appointments to the task force shall be made not later than
156 thirty days after the effective date of this section. Any vacancy shall be
157 filled by the appointing authority.

158 (e) The speaker of the House of Representatives and the president
159 pro tempore of the Senate shall select the chairpersons of the task force
160 from among the members of the task force. Such chairpersons shall

161 schedule the first meeting of the task force, which shall be held not
162 later than sixty days after the effective date of this section.

163 (f) The administrative staff of the joint standing committee of the
164 General Assembly having cognizance of matters relating to
165 transportation shall serve as administrative staff of the task force.

166 (g) The task force shall submit, in accordance with section 11-4a of
167 the general statutes, the following reports regarding its findings and
168 any recommendations for proposed legislation to the joint standing
169 committee of the General Assembly having cognizance of matters
170 relating to transportation: (1) An interim report not later than January
171 1, 2018; (2) an interim report not later than July 1, 2018; and (3) a final
172 report not later than January 1, 2019. The task force shall terminate on
173 the date that it submits the final report or January 1, 2019, whichever is
174 later."

This act shall take effect as follows and shall amend the following sections:		
Section 1	<i>from passage</i>	New section
Sec. 2	<i>from passage</i>	New section