

Amendment No.

CHAMBER ACTION

Senate

House

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Representative Brandes offered the following:

Amendment (with title amendment)

Between lines 2687 and 2688, insert:

Section 72. Vehicles equipped with autonomous technology; intent.-

(1) As used in this section, the term "autonomous technology" means technology installed on a motor vehicle that has the capability to drive the vehicle on which the technology is installed without the active control or monitoring by a human operator. The term excludes a motor vehicle enabled with active safety systems or driver assistance systems, including, without limitation, a system to provide electronic blind spot assistance, crash avoidance, emergency braking, parking assistance, adaptive cruise control, lane keep assistance, lane departure warning, or traffic jam and queuing assistant, unless

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17 any such system alone or in combination with other systems
18 enables the vehicle on which the technology is installed to
19 drive without the active control or monitoring by a human
20 operator.

21 (2) It is the intent of the Legislature to encourage the
22 safe development, testing, and operation of motor vehicles with
23 autonomous technology on the public roads of the state. The
24 Legislature finds that the state does not prohibit or
25 specifically regulate the testing or operation of autonomous
26 technology in motor vehicles on public roads.

27 Section 73. Subsection (89) is added to section 316.003,
28 Florida Statutes, to read:

29 316.003 Definitions.—The following words and phrases, when
30 used in this chapter, shall have the meanings respectively
31 ascribed to them in this section, except where the context
32 otherwise requires:

33 (89) AUTONOMOUS VEHICLE.—Any vehicle equipped with
34 autonomous technology. The term "autonomous technology" means
35 technology installed on a motor vehicle that has the capability
36 to drive the vehicle on which the technology is installed
37 without the active control or monitoring by a human operator.
38 The term excludes a motor vehicle enabled with active safety
39 systems or driver assistance systems, including, without
40 limitation, a system to provide electronic blind spot
41 assistance, crash avoidance, emergency braking, parking
42 assistance, adaptive cruise control, lane keep assistance, lane
43 departure warning, or traffic jam and queuing assistant, unless
44 any such system alone or in combination with other systems

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45 enables the vehicle on which the technology is installed to
46 drive without the active control or monitoring by a human
47 operator.

48 Section 74. Section 316.85, Florida Statutes, is created
49 to read:

50 316.85 Autonomous vehicles; operation.-

51 (1) A person who possesses a valid driver license may
52 operate an autonomous vehicle in autonomous mode.

53 (2) For purposes of this chapter, unless the context
54 otherwise requires, a person shall be deemed to be the operator
55 of an autonomous vehicle operating in autonomous mode when the
56 person causes the vehicle's autonomous technology to engage,
57 regardless of whether the person is physically present in the
58 vehicle while the vehicle is operating in autonomous mode.

59 Section 75. Section 319.145, Florida Statutes, is created
60 to read:

61 319.145 Autonomous vehicles.-

62 (1) An autonomous vehicle registered in this state must
63 continue to meet federal standards and regulations for a motor
64 vehicle. The vehicle shall:

65 (a) Have a means to engage and disengage the autonomous
66 technology which is easily accessible to the operator.

67 (b) Have a means, inside the vehicle, to visually indicate
68 when the vehicle is operating in autonomous mode.

69 (c) Have a means to alert the operator of the vehicle if a
70 technology failure affecting the ability of the vehicle to
71 safely operate autonomously is detected while the vehicle is

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72 operating autonomously in order to indicate to the operator to
73 take control of the vehicle.

74 (d) Be capable of being operated in compliance with the
75 applicable traffic and motor vehicle laws of this state.

76 (2) Federal regulations promulgated by the National
77 Highway Traffic Safety Administration shall supersede this
78 section when found to be in conflict with this section.

79 Section 76. (1) Vehicles equipped with autonomous
80 technology may be operated on roads in this state by employees,
81 contractors, or other persons designated by manufacturers of
82 autonomous technology for the purpose of testing the technology.
83 For testing purposes, a human operator shall be present in the
84 autonomous vehicle such that he or she has the ability to
85 monitor the vehicle's performance and intervene, if necessary,
86 unless the vehicle is being tested or demonstrated on a closed
87 course. Prior to the start of testing in this state, the entity
88 performing the testing must submit to the Department of Highway
89 Safety and Motor Vehicles an instrument of insurance, surety
90 bond, or proof of self-insurance acceptable to the department in
91 the amount of \$5 million.

92 (2) By February 12, 2014, the Department of Highway Safety
93 and Motor Vehicles shall submit a report to the President of the
94 Senate and the Speaker of the House of Representatives
95 recommending additional legislative or regulatory action that
96 may be required for the safe testing and operation of motor
97 vehicles equipped with autonomous technology.

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T I T L E A M E N D M E N T

Remove line 380 and insert:
cross-reference; defining the term "autonomous
technology"; providing legislative intent and
findings; amending s. 316.003, F.S.; defining the
terms "autonomous vehicle" and "autonomous technology"
when used in provisions for traffic control; creating
s. 316.85, F.S.; authorizing a person who possesses a
valid driver license to operate an autonomous vehicle;
specifying that the person who causes the vehicle's
autonomous technology to engage is the operator;
creating s. 319.145, F.S.; requiring an autonomous
vehicle registered in this state to meet federal
standards and regulations for a motor vehicle;
specifying certain requirements for such vehicle;
providing for the application of certain federal
regulations; authorizing the operation of vehicles
equipped with autonomous technology by certain persons
for testing purposes under certain conditions;
requiring an instrument of insurance, surety bond, or
self-insurance prior to the testing of a vehicle;
directing the department to prepare a report on the
safe testing and operation of vehicles equipped with
autonomous technology and submit the report to the

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127 | Legislature by a certain date; providing effective
128 | dates.