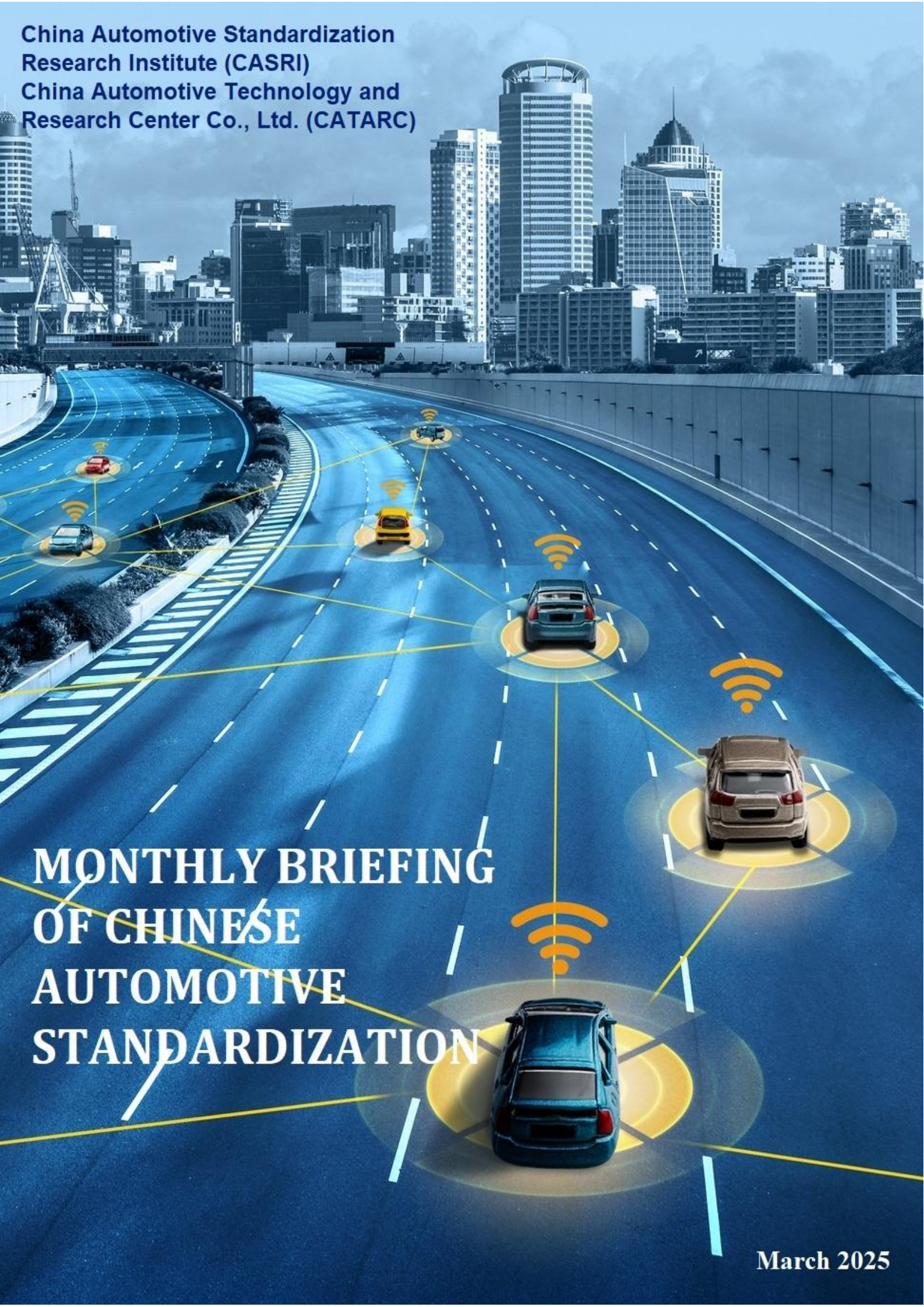


China Automotive Standardization  
Research Institute (CASRI)  
China Automotive Technology and  
Research Center Co., Ltd. (CATARC)

The background image is a wide-angle shot of a multi-lane highway curving into the distance. The road surface is a deep blue, and the lane markings are white. Several cars are driving on the road, each surrounded by a yellow circular glow and connected to other cars by thin yellow lines, suggesting a networked or autonomous driving system. The cars are in various colors: red, yellow, green, and brown. In the background, a dense urban skyline with various skyscrapers is visible under a clear blue sky. The overall aesthetic is high-tech and futuristic.

# MONTHLY BRIEFING OF CHINESE AUTOMOTIVE STANDARDIZATION

March 2025



# I. Recent policies

## 01 SAMR (State Administration for Market Regulation) issued the “Notice on Launching the Application Work for National Standard Implementation Monitoring Points”

On March 17, 2025, SAMR issued the “Notice on the Application for National Standard Implementation Monitoring Points” (hereinafter referred to as the “Notice”), aiming to accelerate the construction of a nationwide standard implementation monitoring network and establish a group of standard implementation monitoring points.

The “Notice” clarifies that the monitoring points refer to units capable of continuously collecting and reporting standard implementation data, undertaking monitoring tasks, and being incorporated into the national standard implementation monitoring network. The existing statistical analysis points for the implementation of mandatory standards previously approved by the SAC (National Standardization Administration of China) will be uniformly renamed as monitoring points (mandatory standards category). The monitoring points will primarily be selected from eligible enterprises, administrative service centers, testing and inspection institutions, certification bodies, management bodies of standardization work platforms, standardization research institutes, standardization service agencies, standard publishing and distribution agencies, secretariats of Technical Committees (TCs) responsible for professional standardization, national industrial associations, and other standard implementation entities.

## 02 SAC (National Standardization Administration of China) published the notice of issuing the “Guidelines for the Construction of Digital Standard System”

On March 31, 2025, SAC published the notice of issuing the “Guidelines for the Construction of Digital Standard System” (hereinafter referred to as the “Guidelines”) to accelerate the establishment of a digital standard system with a rational structure, clear hierarchy and in line with high-quality economic and social development.

The “Guidelines” state that standard digitalization refers to a series of activities that use digital technology to empower the content and the entire life cycle of standards, enabling the rules carried by standards to be read, transmitted and used by machines in digital form.

The “Guidelines” clearly state that a digital standard system should be basically established in accordance with the development needs such as basic and universal standards, process realization, digital standards, applications and services etc.. By 2027, no fewer than 20 national standards in the field of standard digitalization will be formulated and revised, and the



advanced and applicable standard system will be continuously improved to lay a solid foundation for the development of standard digitalization. China will focus on accelerating the formulation of standards in areas such as terminology and definitions, basic principles and methods, structure and data format, semantic expression and conversion, intelligent reasoning and interaction, content creation and storage, and content processing and handling and so on to support the transformation of China's standardization work towards the digital, network and intelligent orientations. Industry, academia, research institutions and users will be encouraged to participate in the formulation of standards to fully unleash the vitality of market entities in standardization and increase the effective supply of standards. China will deeply participate in the international standardization work of ISO, IEC etc. and support the Chinese standards to "go abroad" and gradually build an advanced and applicable digital standard system that meets the needs of the digital transformation and development of the industrial society and is compatible with the international standards.

## II. Standardization updates in March

### 01 Automotive standard plans assigned in March

#### (1) Plans of national standards

Serial No.	Name of the standard
1	Road vehicles — Environmental conditions and testing for electrical and electronic equipment — Part 2: Electrical loads
2	Technical specifications of cybersecurity of vehicle chip
3	Technical requirements and test methods for on-board positioning system — Part 2: Inertial navigation
4	Technical requirements and test methods for on-board positioning system — Part 3: Fusion positioning
5	Intelligent and connected vehicles — Technical specification of information assistance system based on connected technology
6	Road vehicles — In-vehicle Ethernet — Part 11: Application layer to session layer conformance test plans
7	Road vehicles — Electromagnetic environment adaptability requirements and test methods
8	Recovery of traction battery used in electric vehicle — Equipment and facilities — Part 1: Safety case
9	Road vehicles — Technical requirements and test methods for vehicle lightning effect



Serial No.	Name of the standard
10	Guidelines for safety evaluation of electric vehicle traction batteries — Part 1: Cell and module
11	Guidelines for safety evaluation of electric vehicle traction batteries— Part 2: Battery pack and system
12	Solid-state battery for electric vehicle — Part 1: General specification

## (2) Plans of the foreign language versions of China national standards

Serial No.	Name of the standard
1	Fuel cell electric vehicles — Terminology
2	Performance test methods for fuel cell system
3	Test methods for power performance of fuel cell electric vehicles
4	Hydrogen fuel cell electric vehicle refueling receptacle
5	Fuel cell electric vehicle hydrogen refueling nozzle
6	Test methods of hydrogen emission for fuel cell engine
7	Fuel cell electric vehicles — Hydrogen consumption — Test methods
8	Fuel cell electric vehicles — Test methods of hydrogen emission
9	Fuel cell electric vehicles engineering approval evaluation program
10	Test methods of energy consumption and range for fuel cell electric vehicles
11	Test methods for sub-zero cold start performances of fuel cell electric vehicle
12	Post-crash safety requirement for fuel cell electric vehicle
13	Test methods for durability of fuel cell engine and its key components
14	Electric vehicles safety requirements
15	Electric buses safety requirements



Serial No.	Name of the standard
16	Electric vehicles — Engineering approval evaluation program
17	Terminology of electric vehicles
18	Hybrid electric vehicles — Engineering approval evaluation program
19	Hybrid electric vehicles — Power performance — Test method
20	Electric vehicles — Windshield demister and defroster system — Performance requirements and test methods
21	Post crash safety requirements for electric vehicle
22	Plug-in hybrid electric passenger cars — Specifications
23	Battery electric goods vehicles — Specifications
24	Acoustic vehicle alerting system of electric vehicles running at low speed
25	Electric vehicles product description — Emergency rescue
26	Guidance for electric vehicles for fire fighting and emergency rescue
27	Electric vehicles — Symbols for control, indicators and telltales
28	Limits and test methods of magnetic and electric field strength from electric vehicles
29	Instrumentation for electric vehicles
30	Interoperability test specifications of electric vehicle conductive charging — Part 2: Vehicle
31	Electric vehicle wireless power transfer — Part 1: General requirements
32	Electric vehicle wireless power transfer — Part 5: Electromagnetic compatibility requirements and test methods
33	Electric vehicle wireless power transfer—Part 7: Interoperability requirements and testing — Vehicle side
34	Electromagnetic compatibility requirements and test methods of conductive charging for electric vehicles
35	Safety requirements of conductive charging and discharging for electric vehicles
36	Recycling of traction battery used in electric vehicle — Test of residual capacity



Serial No.	Name of the standard
37	Recycling of traction battery used in electric vehicle — Echelon use — Part2: Removing requirements
38	Recycling of automotive traction battery — Echelon use — Part 3: Echelon using requirement
39	Recycling of traction battery used in electric vehicle —Echelon use — Part 4: Labels for echelon used battery products
40	Recycling of traction battery used in electric vehicle — Dismantling specification
41	Recycling of traction battery used in electric vehicle — Recycling — Part 2: Materials recycling requirements
42	Recovery of traction battery used in electric vehicle — Recycling — Part 3: Specification for discharging
43	Recycling of traction battery used in electric vehicle — Management specification — Part 1: Packing and transporting
44	Recovery of traction battery used in electric vehicle — General requirements
45	Drive motor system for electric vehicles
46	DC/DC converter for electric vehicles
47	The reliability test methods of drive motor system for electric vehicles
48	Safety requirements of battery swap for electric vehicles
49	Conductive on-board charger for electric vehicles
50	Zinc-air batteries for electric road vehicle
51	Electrical performance requirements and test methods for traction battery of electric vehicle
52	Specification and dimension of traction battery for electric vehicles
53	Coding regulation for automotive traction battery
54	Technical specifications of combined power source for electric vehicles
55	Technical requirements and test methods for cybersecurity of electric vehicle charging system
56	Technical requirements and test methods for cybersecurity of remote service and management system for electric vehicles
57	Functional safety requirements and testing methods for drive motor system of electric vehicles



Serial No.	Name of the standard
58	Functional safety requirements and testing methods for battery management system of electric vehicles

### (3) Plans of the foreign language versions of China industrial standards

Serial No.	Name of the standard
1	Sodium ion batteries for electric vehicles
2	Thermal characteristics test method for electric vehicle traction battery
3	Auto leveling device of special purpose vehicle
4	Truck-mounted concrete pump
5	Detachable container garbage vehicle
6	Self-loading and unloading garbage vehicle
7	On road test method of buzz squeak and rattle evaluation for vehicle
8	Medical vehicle
9	Sealed parcel delivery systems of vehicles for dangerous goods transport
10	Performance requirement and test method of seat ventilation system
11	Technical requirements and bench methods for hydraulic shift control units of automotive automatic transmissions
12	Wind noise measurement method for motor vehicle
13	Automotive engine — Piston pin bore fatigue test methods
14	Automotive electric door system
15	Measurement and rating methods of idling noise and vibration for motor vehicles
16	Leaf spring of automobile
17	Technical requirements and test methods for concrete truck mixers
18	Technical requirements and test methods for differential assembly for passenger cars



Serial No.	Name of the standard
19	Solar simulation accelerated aging test methods for passenger vehicles

## 02

### Automotive standards soliciting public opinions in March

Serial No.	Name of the standard	Type
1	Technical specifications for electrification of child restraint systems for power-driven vehicles	National
2	Test and assessment method of headlighting systems photometric performance on vehicle	National
3	Road vehicles — Visibility — Method for establishment of eyellipses for driver's eye location	National
4	Specifications and bench test methods for automobile service brake fatigue strength	Industrial
5	Greenhouse gas emission accounting and reporting requirements — ELV collecting and dismantling enterprises	Industrial
6	Automobile radiator	Industrial
7	Metal fuel tanks for automobiles	Industrial
8	Positive crankcase ventilation valve for automotive engines	Industrial
9	Quality inspection and evaluation method of automobile engine products	Industrial
10	Honeycomb metal substrate for exhaust catalytic converter and electric heating units	Industrial

## 03

### The reviewing of automotive standards in March

Serial No.	Name of the standard	Type
1	Road vehicles — Cargo trailer test procedure	National
2	Road vehicles — Fifth wheel	National



Serial No.	Name of the standard
1	Road vehicles — Test scenarios for automated driving systems — Vocabulary
2	Road vehicles — Test scenarios for automated driving systems — Scenario-based safety evaluation framework for automated driving systems
3	Intelligent and connected vehicle — Simulation test methods and requirements for automated driving function
4	Road vehicles — Data communication between sensors and data fusion unit for automated driving functions — Logical interface
5	Intelligent and connected vehicle — Performance requirement and test methods for automated parking system
6	Road vehicles — Refrigerant systems used in mobile air conditioning systems (MAC) — Safety requirements
7	Fuel cell electric vehicles facilities for demonstration specifications
8	Passenger cars — Straight-ahead braking on surfaces with split coefficient of friction — Vehicle stability test method
9	Commercial vehicle — Straight-ahead braking on surfaces with split coefficient of friction — Vehicle stability test method
10	Bus inner dimensions
11	Open-type roof escape hatch on bus
12	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 1: General requirements and definitions
13	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 2: Performance and general test methods
14	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 4: Manual valve
15	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 5: Tank pressure gauge
16	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 7: Pressure relief valve
17	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 8: Excess flow valve
18	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 10: Rigid fuel line in stainless steel
19	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 11: Fittings



Serial No.	Name of the standard
20	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 12: Rigid fuel line in copper and its alloys
21	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 13: Tank pressure control regulator
22	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 14: Differential pressure fuel content measuring instrument
23	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 15: Capacitance fuel content gauge
24	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 16: Heat exchanger — vaporizer
25	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 17: Natural gas detector
26	Road vehicles — Liquefied natural gas (LNG) fuel system components — Part 18: Gas temperature sensor
27	Road vehicles — Pneumatic braking system — Part 1: Pipes, male fittings and tapped holes with facial sealing surface
28	Road vehicles — Pneumatic braking system — Part 1: Pipes, male fittings and tapped holes with conical sealing surface
29	Performance requirement and testing methods for rear cross traffic alert system of passenger cars (foreign language version)
30	Performance requirements and test methods for vehicle door opening warning system (foreign language version)

## 05

### Automotive standards published in March (National standards)

Serial No.	Standard No.	Name of the standard
1	GB 38031-2025	Electric vehicles traction battery safety requirements
2	GB 11555-2025	Technical specification for demisting and defrosting systems of motor vehicles-windshield



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