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Press Release

6th CharIN NA Conference and CharIN Testival NORTH AMERICA

October 4 – 7, 2022

Portland, Oregon (USA)

Host: Daimler Truck North America LLC.

Charging goes Megawatt – CharIN launches Megawatt Charging System in North America

For the first time in its history, CharIN brings together a dozen medium- and heavy-duty vehicles for an interoperability testing event at DTNA Electric Island in Portland, Oregon giving a strong signal for the expansion of electrification into other duty-cycles.

PORTLAND, OREGON – (Oct. 6, 2022) – The Charging Interface Initiative (CharIN), a leading industry association driving global decarbonization through the worldwide electrification of transportation celebrated another successful North American Conference and Interoperability Testing Event. The testing and introduction of the Megawatt Charging System (MCS) standard to North America, along with the participation of multiple Class 6-8 vehicles, marked the first time that the medium- and heavy-duty vehicle industry was the focus of a CharIN testing event.

The leading global automotive manufacturers, charging station companies, component suppliers, energy providers, government officials, research institutes, influencers, and grid operators gathered at the Daimler Truck North America (DTNA) headquarters in Portland, Oregon from Oct. 4-7 for the Sixth CharIN North America Conference and Testival event. Electric vehicle experts from across the public and private sectors discussed North America's most important opportunities arising from building and implementing a flawless customer charging experience through the proper application of open and interoperable charging standards.



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**The leading e-mobility test event
enabling interoperability.**



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“This year’s CharIN North America Conference was again a great success with nearly 300 attendees and industry experts. The breadth of the topics discussed by leading stakeholders is a clear indication of how quickly our ecosystem is growing. Nature teaches us that biodiversity is the key to thriving ecosystems, and the e-mobility industry, based on CCS and MCS, is already demonstrating diverse use cases and stakeholders,” said Oleg Logvinov, Chairman of CharIN Inc. and CEO of IoTecha Corp. “At CharIN we believe broad industry collaboration is the only path to an emission-free future in the transportation sector, including all means of transportation from passenger cars to heavy-duty platforms. This year’s event is a great validation that the industry is moving in the right direction, and we are accelerating!”

During the event, over 300 representatives from 58 CharIN member companies conducted conformance and interoperability tests at Electric Island in Portland. Electric Island, the first-of-its-kind electric vehicle charging site in North America, was created in a collaboration between DTNA and Portland General Electric (PGE) and specifically built with heavy-duty vehicles in mind. It provided an ideal location to host interoperability tests that involved the latest electric vehicles (EVs), electric vehicle supply equipment (EVSE), electric control units (ECUs), and communication controllers. Led by experts and technology specialists, CharIN Testivals ensure the next generation of electrified mobility will be ready for large-scale implementation.

“As a longtime member of CharIN and as the founding member company of the CharIN task force for Megawatt Charging Standard, we’re honored to welcome CharIN, its member companies, and all attendees to our own headquarters in Portland, and to provide the first of its kind Electric Island as a test bed to help design the future of decarbonized transportation, not only for our industry, but for all transportation sectors,” said Rakesh Aneja, vice president and chief of eMobility at DTNA.

“This year’s North America Conference and Testival is prove that with our worldwide community of close to 300 members and all relevant stakeholders gathering, CharIN has reached the goal to establish the Combined Charging System (CCS) as a global standard for interoperable charging,” said Claas Bracklo, chairman of CharIN e.V. “We now strive for this very same goal with the Megawatt Charging System for heavy-duty means of transportation to carry forward our mission to make global zero-emission



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transportation through interoperable and accessible e-mobility a reality. We are happy and proud to have our CharIN North America team as a strong advocate for our global targets.”

About the Megawatt Charging System

The Megawatt Charging System (MCS) represents a global solution for heavy-duty transportation and is based on globally aligned requirements and a technical specification to develop the requirements for a worldwide standard with final publication of the standard expected in 2024.

MCS combines the benefits and the features of CCS based on ISO/IEC 15118. In the near term, MCS will satisfy the demand of the truck and bus industries to charge vehicles within a reasonable time. The standard is key for battery electric long-haul trucks but will also be used in other heavy-duty applications like marine, aerospace, mining, or agriculture.

About CharIN Inc.

The Charging Interface Initiative (CharIN) Inc. serves as a leading industry association bringing CharIN's global approach to decarbonization through the electrification of North American transport. Convening together industrywide e-mobility stakeholders including automakers, charging station manufacturers, component suppliers, energy providers, government officials, and grid operators, our organization assists members in coordinating, advancing, and advocating for interoperability across electric vehicle charging infrastructure. Driving forward the widely-adopted Combined Charging System (CCS) and the Megawatt Charging System (MCS) platforms, CharIN works to ensure all electric vehicles – from light-duty passenger cars to freight trucks, e-ferris, ships, and planes – can work seamlessly with available charging stations and services. CharIN serves as a pivotal, unified voice for industry-standard, interoperable charging technologies and best practices, working with federal, state, and local regulatory agencies and policymakers to unleash innovation and encourage the rapid adoption of electric vehicles in municipal, commercial, and private use.



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About CharIN e.V.

The Charging Interface Initiative (CharIN) is the leading global association with more than 290 international members dedicated to promoting interoperability based on the Combined Charging System (CCS) and the Megawatt Charging System (MCS) as the global standard for charging vehicles of all kinds. Our goals include expanding the global network of companies supporting CCS, drafting requirements to accelerate the evolution of charging related standards, and defining a certification system for all manufacturers implementing CCS in their products.

About Daimler Truck North America

Daimler Truck North America LLC, headquartered in Portland, Oregon, is a leading provider of comprehensive products and technologies for the commercial transportation industry. Daimler Truck North America designs, engineers, manufactures and markets medium- and heavy-duty trucks, school buses, vehicle chassis and their associated technologies and components under the Freightliner, Western Star, Thomas Built Buses, Freightliner Custom Chassis Corp. and Detroit brands. Daimler Truck North America is a subsidiary of Daimler Truck Holding AG (DTG), one of the world's leading commercial vehicle manufacturers.

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