



**EMBARGOED Until June 12, 2023 at 10:30am Pacific/1:30pm Eastern**

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## **CharIN Stands Behind CCS and MCS, but also supports the standardization of Tesla NACS**

**SACRAMENTO, CA** - In an effort to help EV ecosystem participants, including Charging Interface Initiative (CharIN) members and non-members understand recent developments, CharIN would like to clarify the following points:

- CharIN is the largest global association focused on the electrification of all forms of transportation and supported by our over [320 members](#).
- Some of our CharIN North America members are interested in adopting the North America Charging Standard (NACS) form factor.
- NACS is not yet a standard and does not provide an open charging ecosystem for industry to build upon.
- For any technology to become a standard it must go through a due process in a standards development organization (e.g., ISO, IEC, IEEE, SAE, ANSI). Such a process is collaborative and enables all interested parties to contribute their ideas.

Customers and the EV industry need trustworthy open charging standards to ensure confidence in the availability, reliability, safety, and adaptability of the standard over time. NACS should be submitted to standards bodies to unify the charging standards market in North America.

CharIN is pleased that NACS is using DIN 70121 and ISO 15118 protocols based on power line communication (PLC) enabling CCS functionality. These protocols were created for CCS but are versatile communication standards that could help build bridges across all charging standards in North America. These standards are also deeply rooted in CharIN membership and activities.

Like the process for the Megawatt Charging System, CharIN will work to convene an open task force to align requirements with the goal of submitting NACS to the standardization process. An open standardization process ensures proper peer review of the technology and the ability of all interested parties to contribute to the development of this standard.

**We invite members and further involved parties to join the task force using this interest form at <https://forms.office.com/e/vgtDK5BNNz>**

**CharIN continues to be committed to our members and the broader industry using CCS and will continue to provide ongoing support to CCS.**

We strongly encourage the EV industry to work with CharIN's membership base to create a fully interoperable EV charging network that best serves the needs of all consumers to enable a better and faster transition to electric vehicles.

Ecosystem-driven collaboration is a proven method to create true standards accepted and adopted by a multitude of stakeholders, as well as a testing and conformance infrastructure to guarantee interoperability in the field. This is how CharIN, an inclusive, industrywide coalition representing over 320 leading e-mobility stakeholders, seeks to accelerate the e-mobility market in North America. CharIN North America has invited all EV ecosystem stakeholders to participate in CharIN Focus Groups and elsewhere to improve the standards where necessary.

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#### **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-ferries, 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.*

#### **About CharIN e.V.**

*The Charging Interface Initiative (CharIN) is the leading global association with over 300 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. <https://www.charin.global/>*