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Subject: Charging Matters by CharIN NA
Date: March 7, 2024 at 2:36 PM
To: Chris chris.reading.80@gmail.com



Newsletter North America 2024

Dear Chris,

Happy Women's History Month! Learn more about women in [automotive history](#).

This e-newsletter outlines the latest North America Charging Interoperability (NAC) Task Force activities, CharIN events, and other notable updates.



NACI Task Force Highlights

Charging Topology and Grid Integration Subgroup and the **Safety and Functionality Subgroup** are working in coordination with the ChargeX

Functionality Subgroup are working in coordination with the Charger Consortium Working Group 3 on a test plan for the June CharIN Festival at Lincoln Electric (see below for registration details).

- Southern California Edison's Technical Advisory Board Working Group 1 (a related topic to the NACI Charging Topology and Grid Integration Subgroup), meets at 8 am PT every other Thursday (alternating weeks with this NACI Subgroup). The discussions include both AC and DC, with a predominant focus on DC.
- Also of note, is that the California Energy Commission has parallel activities ongoing on this topic as part of the [Vehicle-Grid Integration Program](#).

The **NACI Connection Subgroup** has been working on various topics including where temperature sensing needs to happen and where to take resistor references (i.e. IEC 61851-1, etc.).

Monthly Update from the NACI Subgroups

Last month, guest speaker, Joe Bablo, Principal engineering manager, Energy Storage and e-Mobility at UL provided an update on **EV adapter requirements and the development of UL 2252**. Highlights of the presentation include:

- UL structure and process
- Specific points related to UL 2252 including
 - scope,
 - configuration and ratings,
 - safety measures,
 - contact materials and testing,
 - cable length, and
 - order of connection.

If you missed the presentation, you can watch the recorded meeting in the NACI Task Force SharePoint folder. Please join us for our next Task Force meeting on **Monday March 25 from Noon-1pm eastern time**. To view the February subgroup update and the guest presentation, use the link below.

[Download Presentation](#)





Latest CharIN North America Updates

CharIN Internship

Exciting Opportunity: CharIN is hiring an E-Mobility Intern for summer 2024! It is a full-time, remote opportunity for 10-12 weeks for eligible undergraduate & graduate students with existing U.S. work authorization. The position includes a \$500/week stipend. Please help us circulate this opportunity among your networks!

[Read more](#)

UPCOMING EVENTS & ACTIVITIES

Save the date! CharIN NA Festival & Conference

The CharIN North America Festival & Conference will be held on June 11-14, 2024 at Lincoln Electric in Cleveland, Ohio. More details and registration [here](#). The conference agenda sessions will be posted shortly.

Sponsorship packages are available for review [here](#). Many opportunities are limited and available on a first come first served basis.

[Register](#)

Marine Electrification Workshop

The Megawatt Charging System Marine Workshop at the Electric & Hybrid Marine Expo Long Beach Convention Center – March 14 from 9:30am – 3:45pm

Marine Expo, Long Beach Convention Center March 21 from 7:00am - 5:00pm PT. Come join workshop co-hosts CharIN, Crowley, and Black & Veatch for this free event. View the workshop agenda [here](#).

Register

Advanced Clean Transportation (ACT) Expo

The ACT Expo will take place on May 20-23, 2024 at the Las Vegas Convention Center, Las Vegas, NV. CharIN is an official event partner and **members get a \$75 discount off all registration options using code: 24CHAR75.**

Register

Forth Roadmap Conference 2024

Please join CharIN at the Forth Roadmap Conference from September 24-26, 2024 in Detroit, Michigan. CharIN is an official event partner and you get a \$75 off full conference tickets using code: CHARIN75.



Register



Notable e-mobility Activities

SAE ITC Launches Electric Vehicle Ecosystem Public Key Infrastructure Consortium and is looking for members who want to help create and manage an inclusive framework for secure digital trust across the electric mobility PKI ecosystem to accelerate electric vehicle adoption and optimize the user experience

[Read more](#)

Ford to Offer Complementary TESLA Supercharger Adapter to Eligible EV Customers. In a statement eligible Mustang Mach-E and F-150 Lightning owners can request their free CCS to NACS adapter. The first deliveries are slated to begin shipping in March.

[Read more](#)

Hawaii becomes the 4th state to bring a NEVI EV charging station online.

[Read more](#)

CharIN, American Center for Mobility, and Argonne National Lab awarded a grant to increase EV charger testing

[Read more](#)

ChargeX Consortium implementation guide for 26 common EV charging error codes to enable faster error reporting, diagnostics and resolution within the EV charging industry.

Read more



Useful Resources

SAE J3400™: NACS Electric Vehicle Coupler standardization effort

[more information](#)

The SAE standards development process

[read more](#)

SAE J3400/1™: NACS Electric Vehicle Charging Adapter Safety and OEM Qualified Device Designation

[read more](#)

Complete list of companies committed or considering SAE J3400 integration:

NACS Adoption Tracker *

*NACS Adoption Tracker by EVAdoption/EVStation

We hope that you have enjoyed this information. Your feedback is always welcome, as well as your suggestions and topics you would like to read about or suggested content to include! Please reach out to northamerica@charin.global

We look forward to receiving your input!

Best regards,

Your CharIN North America Team

Don't miss the opportunity to follow us on LinkedIn:



This newsletter was established to share timely insights coming out of the CharIN North America. It is intended for both members and non-members.

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