



Happy New Year! May your 2024 be filled with health and prosperity. CharIN has a lot planned for 2024 and we look forward to working with you!



NACI Task Force Highlights

The **NACI Multiple Public Key Infrastructure (PKI) Subgroup** designed and administered a multiple PKI testing script at the November 2023 Festival at Lincoln Electric in Cleveland, Ohio.

- All vehicles and chargers participating in the test successfully demonstrated the proposed solution for multiple PKI certificate handling.
- Preliminary testing results are available here: ([2023.12.15_NA Charging Interoperability Task Force multi-PKI.pdf](#))

Monthly Update from the NACI Subgroups

Each NACI Subgroup presents an update on their activities and action items to the entire Task Force on the second Monday of each month.

Last month, guest Dante, from SAE International presented:

- SAE J3400™ process overview & next steps
- SAE J3400™/1 Electric Vehicle Charging Adapter Safety and OEM Qualified Device Designation
- SAE J1772™ status (which is heavily referenced in J3400)

Please join us for our next Task Force meeting on **Monday, January 22 from 11am-1pm eastern time**. To view the December subgroup updates and the guest presentation, use the link below.

**December NACI
Subgroup Updates & SAE
presentation**



Latest CharIN North America Updates

CharIN / SAE North American Electric Vehicle Charging Roundtable

SAE Industry Technologies Consortia and CharIN North America co-hosted the **North American Electric Vehicle Charging Roundtable** on Monday, November 27 in Troy, MI. A second North American Electric Vehicle Charging Roundtable is scheduled for January 16 from 10am-Noon eastern in Washington, DC at the SAE Government & Industries Meeting and will focus on creating an industry aligned set of priorities for EV charging. See below for a high-level summary.

EV Charging Roundtable Notes

November Festival Highlights

Watch the highlights footage from the CharIN North America 2023 Festival held at Lincoln Electric in Cleveland, OH. Stay tuned for details about our next Festival in the near future! **Highlight Movie:** <https://youtu.be/QCn6cFyUOIs>

CharIN Festival in the News

- Watch the Mike the Car Geek © video interview from the CharIN Festival NORTH AMERICA 2023 (Cleveland Rocks!) including an interview with Claas Bracklo: <https://youtu.be/ZKz4QCOlyig>
- Read the “Charged EVs & Infrastructure News” article, watch the video and see photos: [Charged EVs | Companies test the latest and greatest EV charging technologies at CharIN’s annual Festival - Charged EVs](#)
- Read the feature and see photos in “Design World magazine”, including comments from Oleg Logvinov: [Thinking outside the bus \(designworldonline.com\)](#)

Welcome New North America Board Members!

Please join us in welcoming three new CharIN North America Board Members to help expand the scale and scope of our work. We appreciate their dedication to our mission.

Chris King, Siemens eMobility, Senior Vice President

Sujay Sharma, bp pulse, CEO

Jeanette Clute, Ford Motor Company, Corporate Lead, EV Charging & Energy Policy

Details: <https://www.charin.global/charin-inc/>



Notable e-mobility Activities

SAE J3400™ Technical Information Report (TIR) released

The **release of the SAE J3400™ Technical Information Report (TIR) in December 2023** begins to define certain critical engineering and development parameters. This is a major step toward helping developers proceed with certainty on critical aspects of deployment and commercialization of the NACS connector. Now that the TIR is published, the work continues toward a "Recommended Practice" (RP); and finally, a released SAE standard, supported by CharIN's NACI Task Force. Access the TIR here <https://www.sae.org/news/2023/12/sae-j3400-tir-released>

A **new SAE J3400/1™ Subgroup** (focused on adapters) has been approved. **The first meeting was January 9th.** If you are already a SAE J3400 member you will receive notice of these meetings. The Subgroup will focus on defining the process to evaluate the suitability of adapters to SAE J3400 vehicle inlets. Complementing the UL2252 testing criteria, more detail is needed to define adapter requirements, specifically on latch/lock, and temperature limiting safety features. Vehicle manufacturers have liability concerns and desire a documented process from an OEM qualified charging adapter device. Standardization will pave the way for safer charging and exclude operations where they should not be used.

SAE Government/Industry Meeting will be held in Washington, DC January 16-18, 2024 - This event will promote the conversations that will shape the vehicles of tomorrow. Leveraging an open-forum approach, this conference provides mobility professionals and regulators with a space to make public presentations centered on policy and technology energy and policy. In addition to co-hosting a special NA EV Charging Roundtable on Tuesday, CharIN will be presenting on the Wednesday panel, "Enhancing the Light-Duty EV Charging Experience."

[Register](#)



Useful Resources

**SAE J3400™ : NACS
Electric Vehicle Coupler**

**The SAE standards
development process**

standardization effort

read more

**more
information**

**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 edition of the CharIN e-newsletter. Your feedback is always welcome as well as your suggestions and topics you would like to read about! 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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