

Last Week In Innovative Mobility

October 28 - November 3, 2024



AUTOMATED VEHICLES

Zoox announces it will begin automated vehicle (AV) testing in San Francisco, California and Las Vegas, Nevada. Initially, AV rides will only be offered to Zoox employees with plans for an early rider program in Las Vegas, beginning in 2025. Zoox reports longer term plans to expand the service area beyond San Francisco and provide service between hotels in Las Vegas.

AUTOMATED VEHICLES

Aurora Innovation announces delay in driverless automated heavy duty vehicle (HDV) operations from the end of 2024 to April 2025. Aurora explains the delay is due to challenges associated with surface streets and freeway construction. Additionally, Aurora describes their fleet will begin with about 10 automated HDVs and grow throughout 2025, when they hope to operate along a route between Fort Worth, Texas and Phoenix, Arizona.



ELECTRIC VEHICLES

Ford launches an electric vehicle (EV) routing software update for the F-150 Lighting and Mustang Mach-E. The software allows Ford EV drivers to locate Tesla Superchargers, provides an estimate of the battery level upon arrival, and estimates the required charging time. Additionally, the software facilitates battery pre-conditioning to support faster charging and locates amenities near EV chargers.



ELECTRIC VEHICLES

Tesla releases a blog post supporting the industry standardization of a 48-volt vehicle architecture. Tesla describes their implementation of the architecture as a way to simplify manufacturing and refers to it as the Low-Voltage Connector Standard (LVCS). Additionally, the post explains how the LVCS may improve efficiency, reduce cost, and support AV development.



RANGE EXTENDED

ELECTRIC VEHICLES

Data from a Scout Motors forum suggest about 81% of reservations are for an extended range electric vehicle (EREV). The EREV versions of Scout's Traveler and Terra models are equipped with an auxiliary gas engine that can recharge the EV battery. Additionally, the estimates suggest about 52% of the reservations are from people who do not currently own an EV.



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Innovative Mobility Research (IMR) focuses on the future of mobility and is based at the Transportation Sustainability Research Center at the University of California, Berkeley

