



THIRD QUARTER 2022 BUSINESS UPDATE



NOVEMBER 2, 2022

## Cautionary statement regarding forward-looking statements

This presentation contains certain forward-looking statements within the meaning of the federal securities laws. All statements contained in this presentation that do not relate to matters of historical fact should be considered forward-looking statements, including but not limited, to those statements around our ability to achieve certain milestones around and commercialize the Aurora Driver on the timeframe we expect or at all. These statements are based on management's current assumptions and are neither promises nor guarantees, but involve known and unknown risks, uncertainties and other important factors that may cause our actual results, performance or achievements to be materially different from any future results, performance or achievements expressed or implied by the forward-looking statements. For factors that could cause actual results to differ materially from the forward-looking statements in this press release, please see the risks and uncertainties identified under the heading "Risk Factors" section of Aurora Innovation, Inc.'s ("Aurora") Quarterly Report on Form 10-Q for the quarter ended June 30, 2022, filed with the SEC on August 12, 2022, and other documents filed by Aurora from time to time with the SEC, which are accessible on the SEC website at [www.sec.gov](http://www.sec.gov). All forward-looking statements reflect our beliefs and assumptions only as of the date of this presentation. Aurora undertakes no obligation to update forward-looking statements to reflect future events or circumstances.

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# AURORA HORIZON ROADMAP TO LAUNCH



\*Aurora Driver Feature Complete is defined as having implemented all of the capabilities necessary for launch and all policy interventions removed.

\*\*Aurora Driver Ready is defined as validation complete and Aurora Driver Safety Case closed.

\*\*\*Hardened driverless hardware is engineered for extreme environments and enhanced reliability.

# Our Beta 4.0 release continues to advance the Aurora Driver toward commercial readiness



Detecting lane markings  
that have shifted due to  
construction

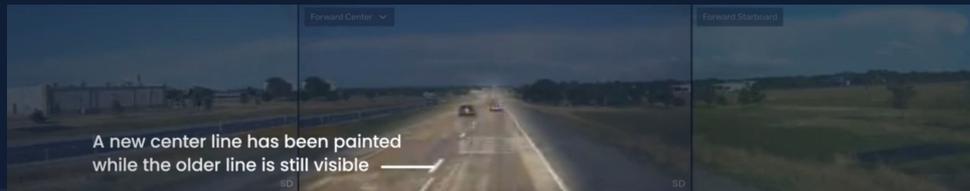


Responding to road  
debris

## Detecting lane markings that have shifted due to construction

The Aurora Driver perceives a new lane line that has been painted due to construction and knows to deviate from the Aurora Atlas, our HD map, to remain centered in its lane

[Watch video ▶](#)



ACTUAL  
PLANNER



ACTUAL  
PLANNER

64.6  
MPH

SPEED  
LIMIT  
75

ACTIVE

## Responding to road debris

The Aurora Driver encounters the remains of a blown tire, detects it and shifts to the right to navigate around the debris

Watch video ▶



With our next-generation FirstLight Lidar, we are preparing this proprietary sensor for manufacturability and high-reliability while also extending its technological lead



- ✓ Equipped with integrated cleaning system
- ✓ Liquid cooled
- ✓ Self-monitoring
- ✓ Increased range and probability of detection

# Our next-generation computer is driverless capable



- ✓ Fully redundant
- ✓ Self-monitoring
- ✓ Liquid cooled
- ✓ Capable of up to 5,400 TOPS\*
- ✓ Designed to meet ISO 16750-3 mechanical reliability targets

*\*INT8 w/ sparsity*

We upgraded our camera system, quadrupling its resolution and significantly increasing its dynamic range



24-bit with previous generation computer & 2MP cameras

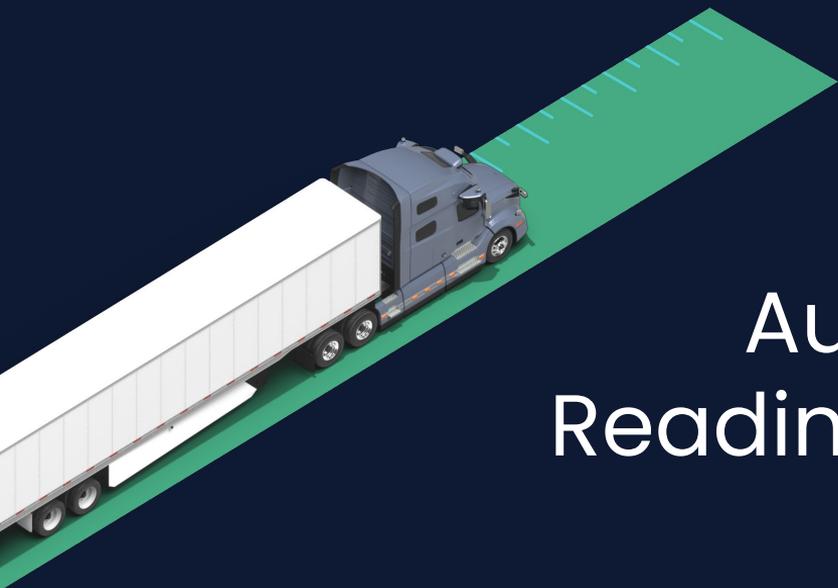


32-bit HDR with new computer & 8MP cameras



Our progress toward delivering the  
commercial-ready Aurora Driver

# Autonomy Readiness Measure



# At “Feature Complete” we plan to begin sharing our progress against closing our Safety Case



Once the Aurora Driver is “Feature Complete” we also plan to provide a supplemental measure of our on-road autonomy performance as an indicator of our progress in everyday driving scenarios

## On-Road Autonomy Performance Indicator

Percentage of miles in autonomy

*Includes miles driven in autonomy that received remote input from Aurora Beacon*

We achieved our end of Q3 commercial load booking target of 22 loads/week, up 50% versus Q2

Cumulative to-date through 10/31/22, we've delivered

**660**

Loads

Across

**180k+**

Miles

Nearly

**100%**

On-Time

# Through our pilots, we are scaling and informing our operations

**FedEx**<sup>®</sup>



**WERNER**  
ENTERPRISES



**SCHNEIDER**



Uber  
Freight



..... Industry collaborators .....

**U.S. XPRESS**

 **Covenant**<sup>®</sup>



We continue to collaborate closely with our OEM partners in preparation for the delivery of scalable, autonomy-enabled truck platforms to support our commercial launch



**Aurora**

