

# Update on Acquisitions And Capital Programs

**PRIIA Section 305 Next Generation  
Corridor Equipment Pool Committee (NGEC)  
13th Annual Meeting**



Daniel P. Ruppert,  
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# ALC-42: 2023 Update

- 18 Units conditionally accepted
- Revenue service began on 2 long-distance routes in 2022
  - Empire Builder (CHI-SEA) 2,257 miles
  - City of New Orleans (CHI-NOL), 900 miles
- Fleet recently hit 1,000,000 mile mark.
- Next routes 2023
  - Coast Starlight (SEA-LA), 1,377 miles
  - California Zephyr (CHI-OAK) 2,438 miles
- Additional routes in 2023 will see ALC-42 locomotives, dependent upon successful Cab Signal testing for operation in the East.





# ALC-42: 2023 Update

- Service Improvements
  - C15 Software release
  - Upgraded horn manifold
  - V2.2 Brake Grids
  - Resolving infancy failures
- Upcoming modifications
  - Automated battery selector
  - PTSO for ACSES
  - Shunt Augmentation
- Increased Support in 2023
  - VEMS Scanner
  - More training options (Siemens/Cummins)
  - Integrated CNOC-Siemens structure





# New Acela Update

- Additional testing was conducted up to 5' cant deficiency, up to 165 mph was completed in late CY22
- Testing up to 7" cant up to 165 mph targeted for the spring of CY23 following successful validation of the revised dynamic model
- 6 Trainsets are expected to be commissioned before launch of revenue service
- Serial Trainsets TS03, TS04 and TS05 have been delivered to Penn Coach Yard
- TS06 and TS07 targeted for shipment in February and March 2023 respectively
- Start of revenue service, targeted for late CY2023





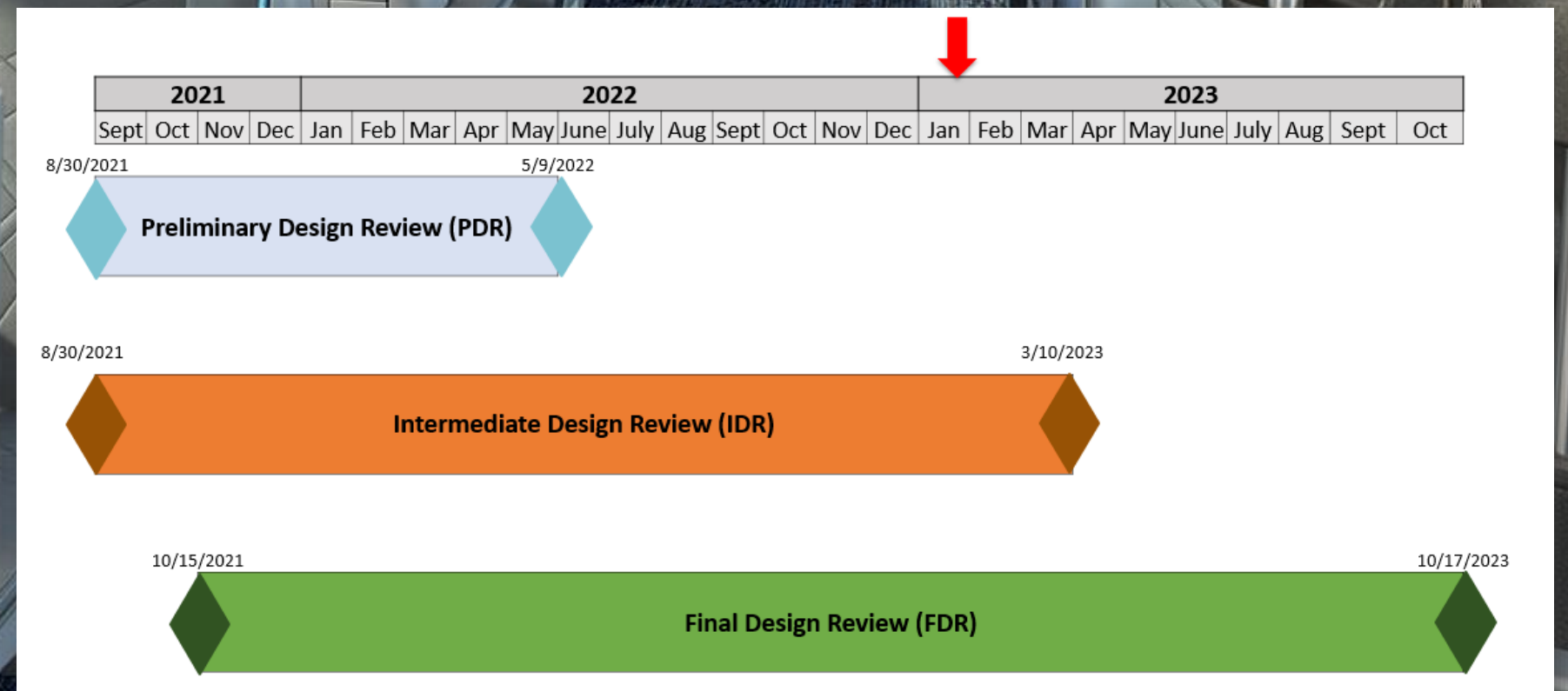
# Amtrak CityRail™ AirTrainset





# ALC-42: 2023 Update

- Design reviews approaching completion
- Type testing and FAIs underway
- Successful press release for interior and exterior design
- Carshell 001 under construction in Sacramento, CA





# Intercity Trainset Acquisition (cont.)

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- 1 year anniversary of continuous maintenance (CM) rollout on Horizon trainsets in Cascades service
- Preparations underway for Empire corridor CM pilot
- TSSSA mobilization planning underway
- Wayside condition monitoring at request for proposals



## Amtrak Intercity Trainsets Overview of current Trainset Configurations

■ Accessible Space  
● Wheelchair Lift

### Configurations B1, C and D

- 6 Accessible Toilet Rooms
- 8 Accessible spaces
- 8 wheelchair lifts (location indicated with red dots)



### Configuration B2

- 8 Accessible Toilet Rooms
- 10 Accessible spaces
- 12 wheelchair lifts (location indicated with red dots)



# Long Distance Fleet Replacement

