

February 2019

Caltrans/ IDOT New Single-Level Passenger Railcars “CALIDOT”



Contract #75A0362

Sumitomo Corporation of Americas/
Siemens Mobility, Inc.



Presenters:
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Approach to PRIIA Compliance

305-003 Rev. A

- Design is PRIIA 305-003 & FRA compliant
- FRA involvement in both AAF/ Brightline and CALIDOT projects
- Collaborative approach across stakeholders
- Updating and improving PRIIA:
 - Several DCRs for Coach cars and Cab car accepted and approved
 - Great collaboration and exchange with NGEC
 - Next: Food Service (Chapter 14) – coffee maker, ADA compliant counter height and other topics flagged for review as RFCs and possible future DCRs.



Mock-up Phase Completed – Brightline and Virtual Reality



Artist renderings, final colors will differ slightly



Interior Updates



Artist rendering – final design, colors and detailed features vary

- Wide, wheelchair accessible aisles throughout the car; roller shades in lieu of curtains
- First Article Inspections ongoing through March/ April 2019
- Currently finalizing Change order for improved seat covers with Synthetic leather and Trevira CS fabric combination for superior wear characteristics
- New Buy America compliant source for Rubber Flooring identified and approved



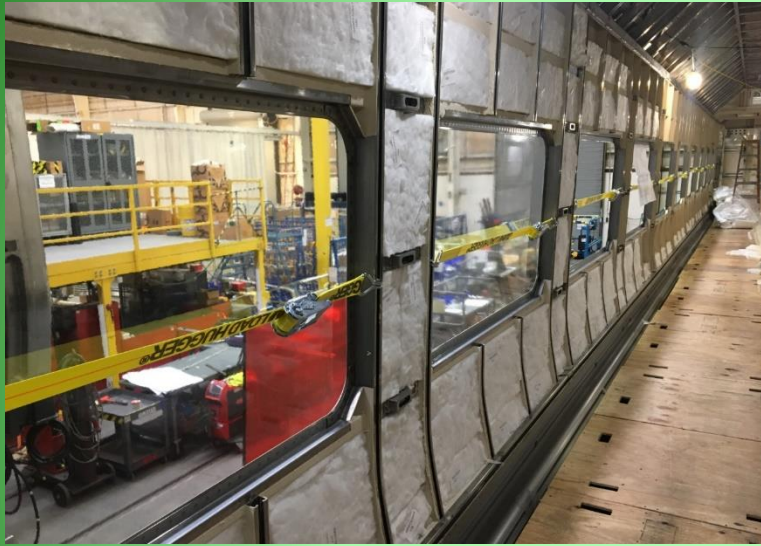
Production and Expansion Update



- Siemens facility expansion ongoing with new passivation building, final assembly building and warehouse
- Increased carshell production capacity by installing a second spot weld gantry to support CALIDOT and other projects



Sub Assembly and Final Assembly Started and on Track



Key Schedule Milestones 2019



Production status as of 1/31/2019:

- 7 Carshells completed
- 2 CT-1B cars in Final Assembly
- First Truck completed, second truck in process
- Majority of coach supplier FAIs completed
- Multiple Systems and Sub Assemblies in production and en route to Sacramento



Overview of Cars – Updated Scope

Customer	Car Type	Qty	Description	# Doors	Coupler Configuration	
49	Caltrans	CT-1A	14	Mid coach car	2	S-S
	Caltrans	CT-1B	7	End coach car coupled to locomotive, w/ gap filler, level boarding	4	H-S
	Caltrans	CT-1C	7	Mid coach car with wheelchair lifts	4	S-S
	Caltrans	CT-1D	7	Mid coach car w/ gap filler, level boarding	4	S-S
	Caltrans	CT-4A	7	Cab Car	2	S-H
	Caltrans	CT-5A	7	Lounge Car	4	S-S
88	IDOT	ID-1A	20	Individual coach car	2	H-H
	IDOT	ID-1B	34	Coach car for business or café married pair	2	S-H
	IDOT	ID-3A	17	Business/ economy car	4	S-H
	IDOT	ID-5A	17	Lounge Car	4	S-H



Next Steps

- Continue and finalize alignment with ADA community and FRA
- Design exterior decals Caltrans/ SJJPA and IDOT/ Amtrak Midwest
- Develop standardized interior and exterior signage concept
- Start Café & Cab Car Design Review phase
- Implement ramp-up plan in production
- Conduct first car complete FAI and FRA sample car inspection



If you have any questions – contact:

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The NGEC will provide national leadership in standardization,
acquisition, financing and management of passenger rail equipment.