



SIEMENS
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VIA Rail New Corridor Fleet NGEC 2022 Annual Meeting

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Arnaud Lacaze, Director, Rolling Stock Acquisition, New Fleet Project
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February 25, 2022



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

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- 5 Critical Components of the Program
- Program Timeline
- Rolling Stock Acquisition Project
- Winter Tests



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5 Critical Components

Five Critical Program Components for End-to-End Success



Rolling Stock
Acquisition Project



Maintenance Process
Transformation Project



Maintenance Facility
Upgrade Project



Information Systems
Integration Project



Entry into
Service

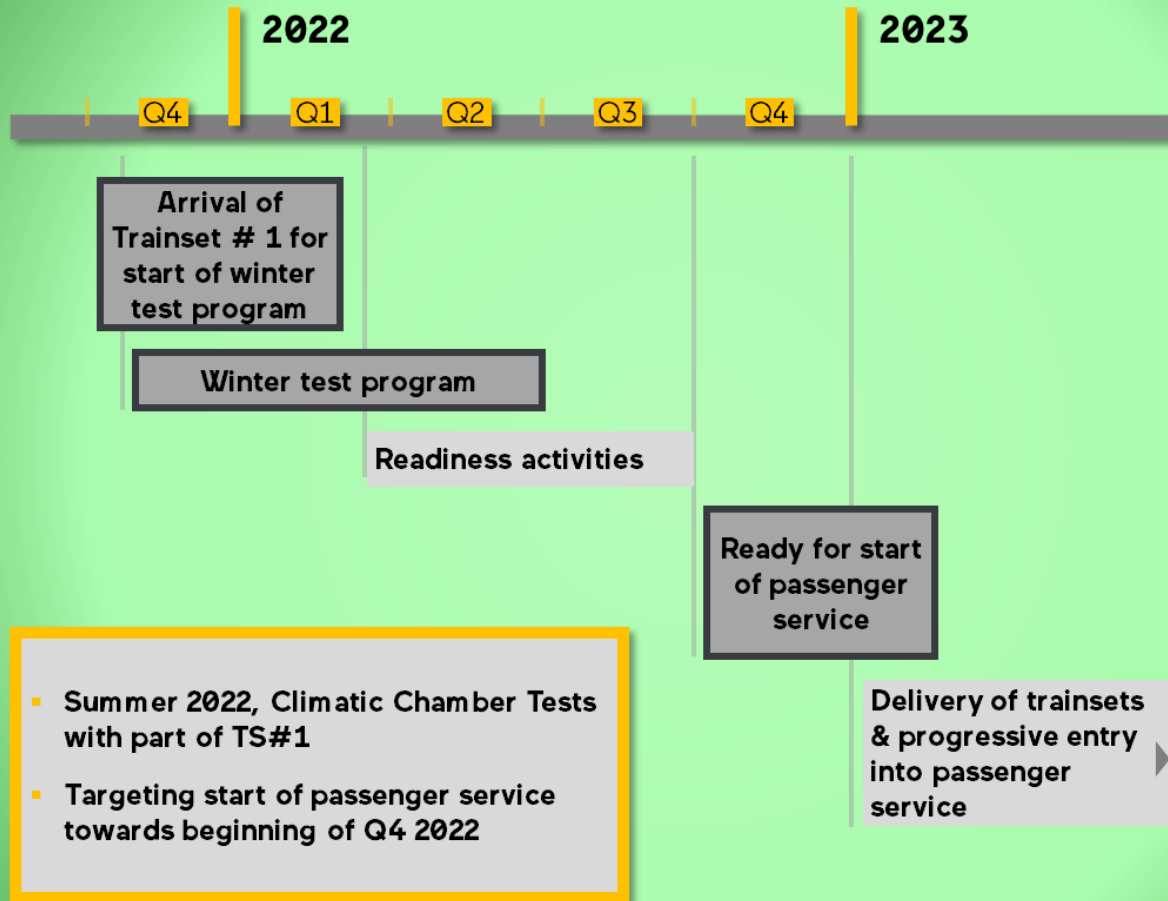
+ 5 Key Enablers and Activities for Success:

- Strong Leadership Team in place with collaboration from External Experts for each Project Stream
 - Strong dedicated Project Management Office for Planning, Tracking, and Governance
 - Comprehensive People Readiness Plan: Change Management, Training and Adoption
 - Detailed Plan for the Transitional Phase: “Project 0 to 32”
 - Detailed Plan for Communications and External Marketing



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Program Timeline



Rolling Stock Project Status

- Design Phase completed
- Component FAI Phase completed
- Vehicles FAIs phase has started



December 2021 : TS#1 @ Ottawa



January 2021 : TS#1 @ Sacramento



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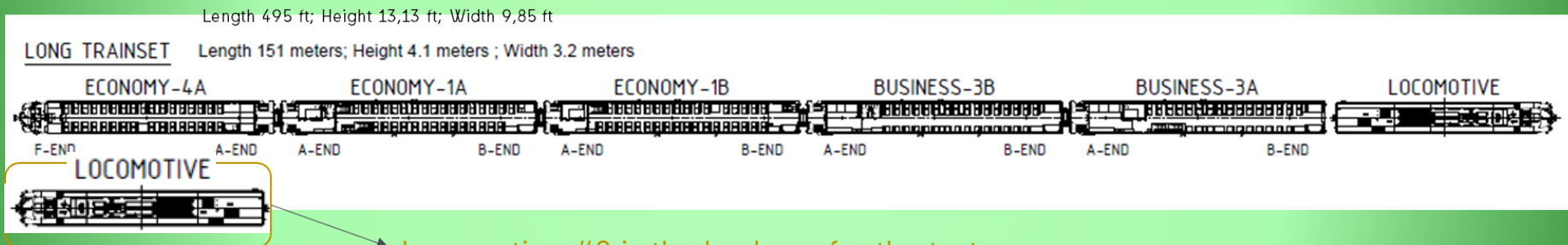
Rolling Stock Project Status

- Production at Sacramento is ramping-up considering supply chain challenges
- Approximately 56 vehicles are in various stages of build
- Vehicles of Train#2 and Train#3 are in Final Assembly



Rolling Stock Project Status

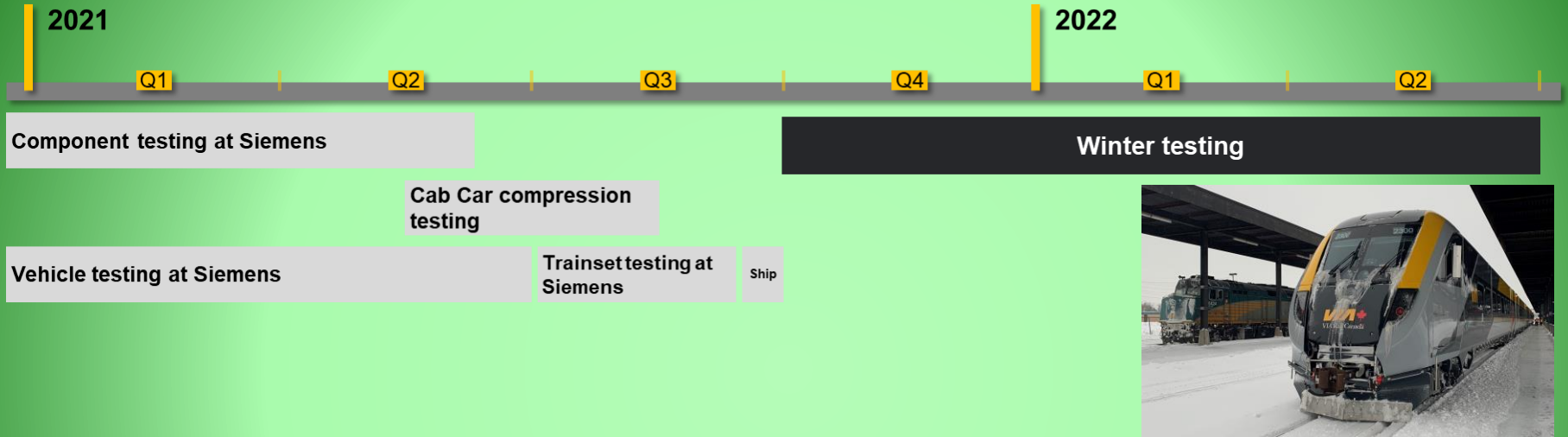
- Trainset #1 has been delivered to Montreal Sept. 29th, 2020 with two (2) locomotives and one (1) cab car, in a long trainset configuration



- Corridor/Winter testing started Q4 2021 for a 6 month period with Train#1
 - Proof-of-Design, Winter, Simulated revenue



Rolling Stock – Testing Phase



Component Testing



Compression test with Cab Car #3



Lean test of Coach Car #2 of Trainset #1

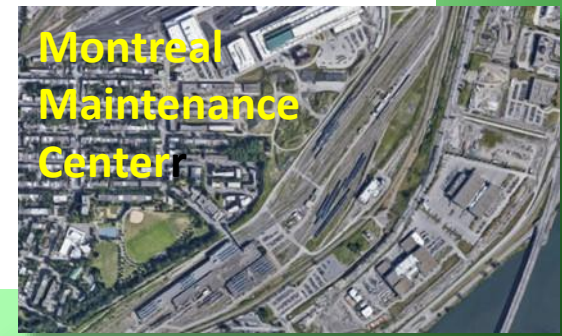
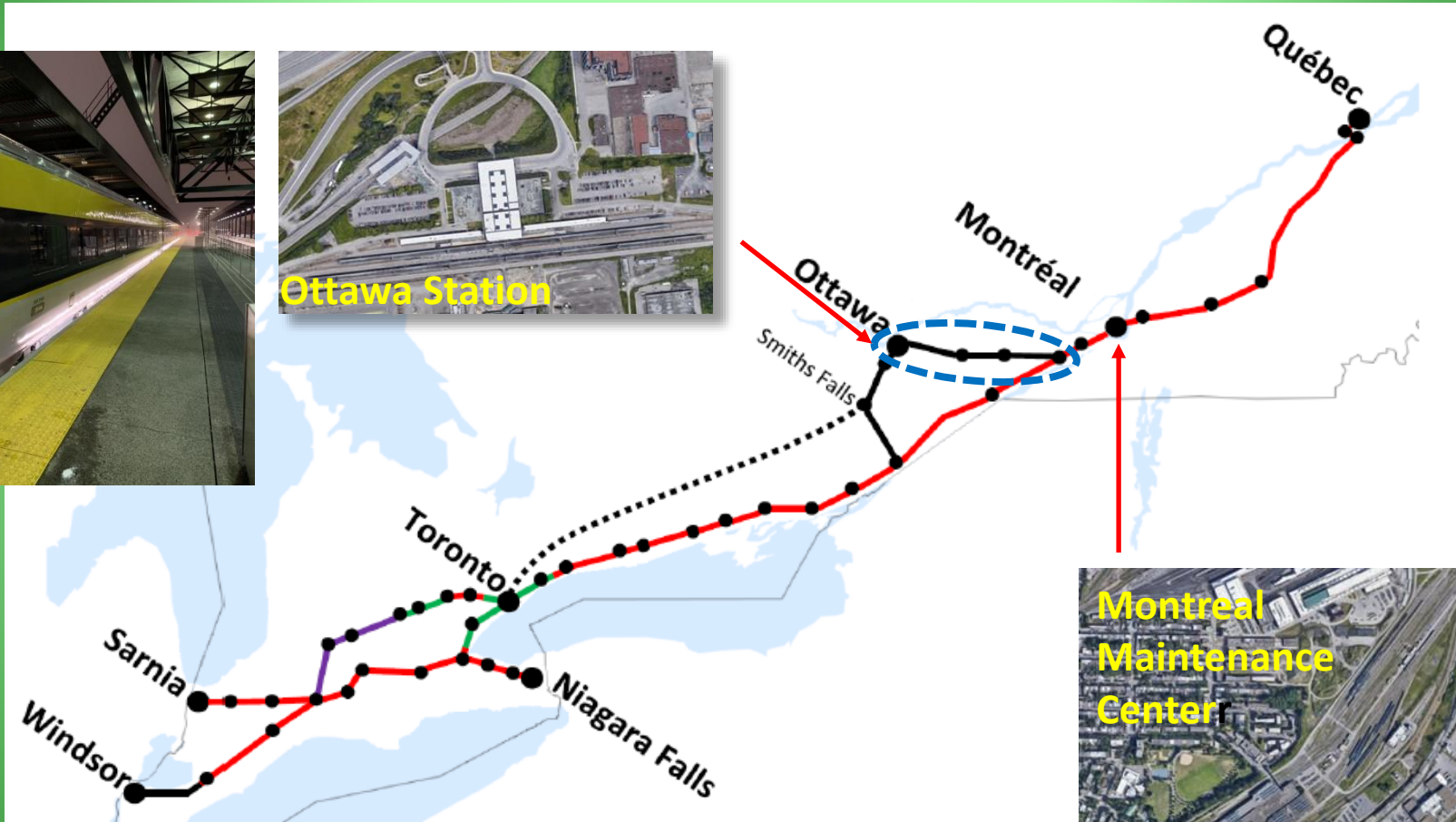


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Corridor/Winter Testing 2021/2022



Ottawa Station



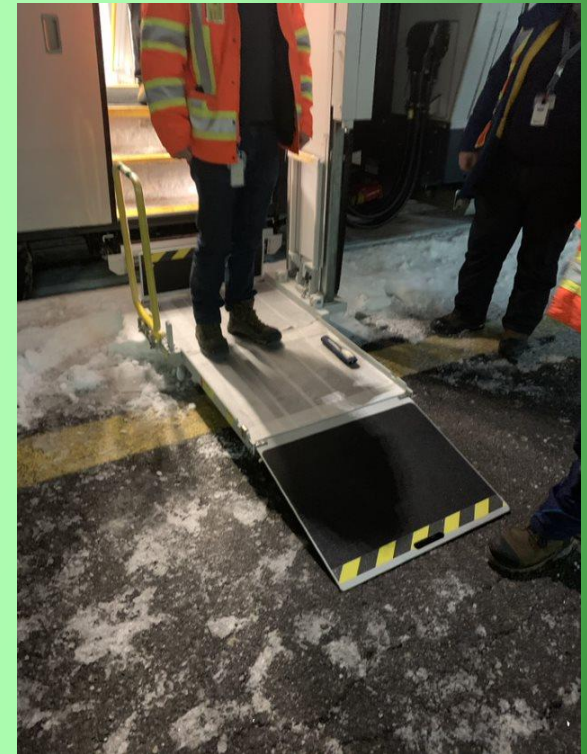
Montreal Maintenance Center



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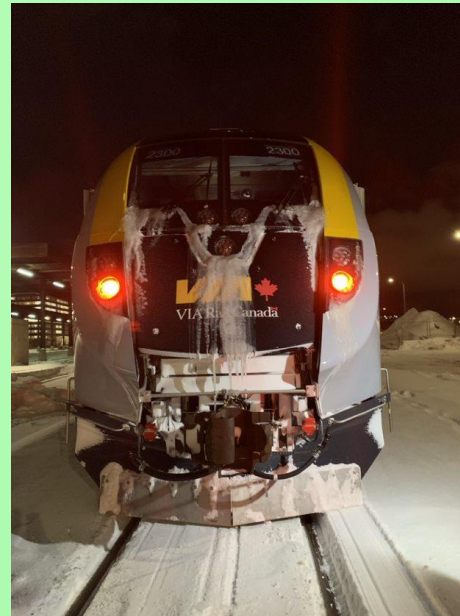
Corridor/Winter Testing 2021/2022

- Focus Areas:
 - Entrance system
 - Loco and Cab Car controls
 - Dynamic Brake Resistor, Engine and HEP performance
 - Galleys and Washroom (Freeze protection system)



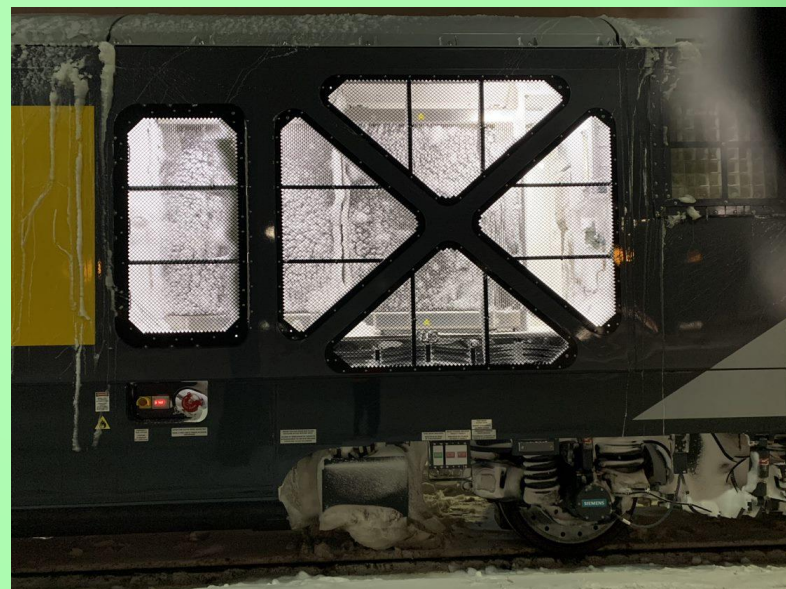
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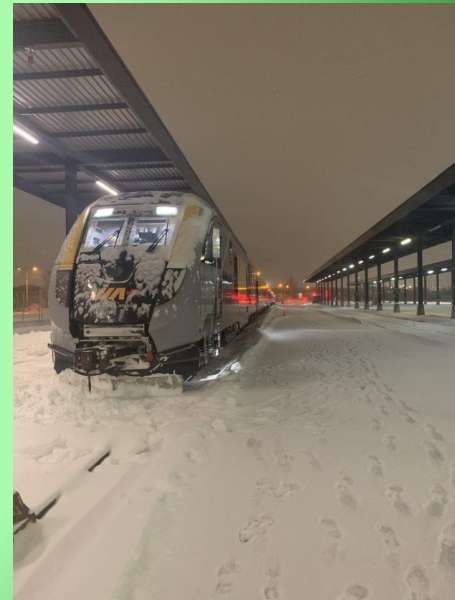
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Corridor/Winter Testing 2021/2022

- Key success factors:
 - Train commissioning
 - Schedule flexibility
 - Harsh Winter!!



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