Rail Activation Management Program (RAMP) Update

TOPS Committee

July 24, 2024

Agenda

- **Scorecard**

- **Passenger Information System**

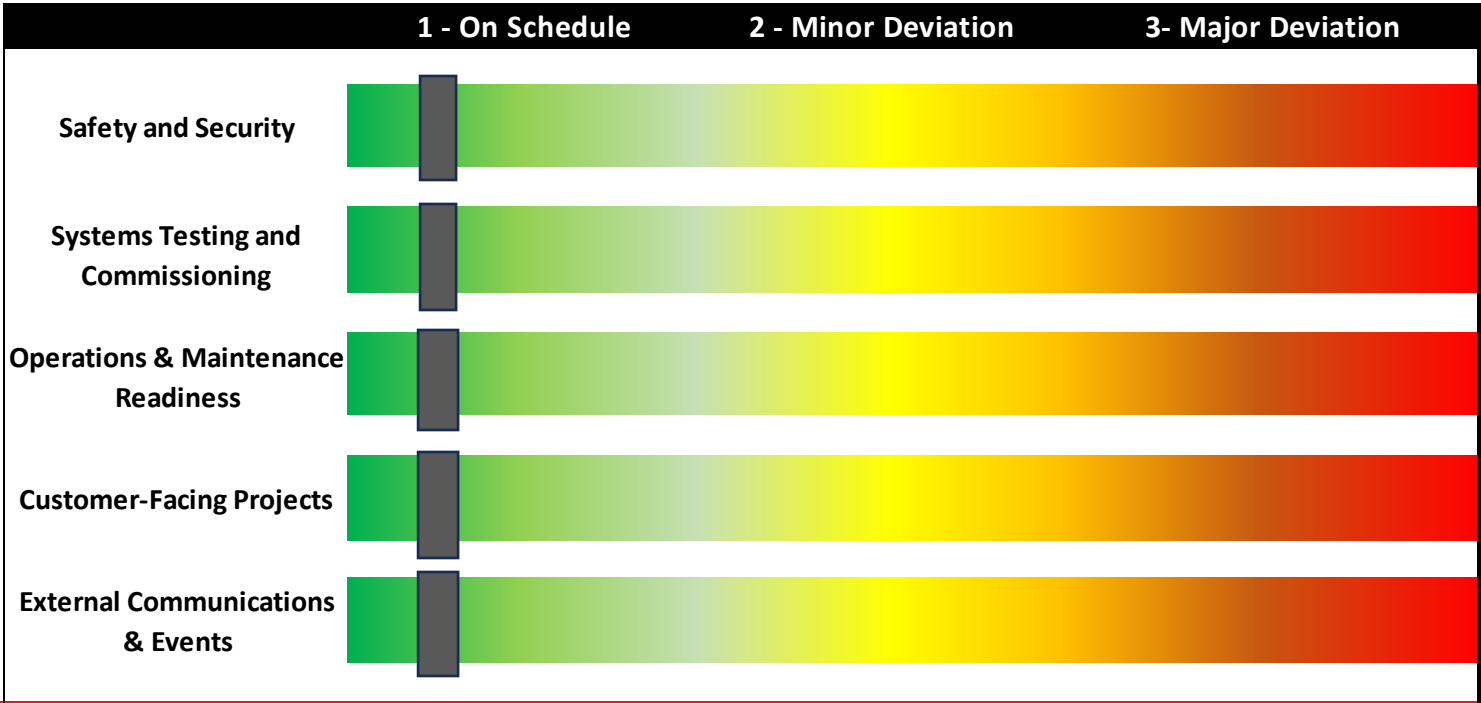- **Recent Activities**

- **Upcoming Activities**

Scorecard Update

Rail Activation Management Program (RAMP)

- RAMP reporting identifies critical activities essential for a successful public launch

- The RAMP Scorecard includes the following information:
  - Safety and Security
  - Systems Integration and Testing
  - Operations & Maintenance Readiness
  - Customer-Facing Projects
  - External Communications and Events

RAMP Scorecard – Heat Map

Status Reporting Legend	
1 - On Schedule	Item is on schedule and there are no quality/effectiveness issues of concern.
2 - Minor Deviation	There is a minor deviation from the schedule with a recovery plan in place; and/or, There are minor quality/effectiveness concerns with a plan in place to address them.
3- Major Deviation	There is a major deviation from the schedule, recovery will be a challenge; and/or, There are major quality/effectiveness concerns that will be difficult to address; and, Executive support or decision-making may be required.

	1 - On Schedule	2 - Minor Deviation	3- Major Deviation
Safety and Security			
Systems Testing and Commissioning			
Operations & Maintenance Readiness			
Customer-Facing Projects			
External Communications & Events			

RAMP Scorecard – Go / No-Go List

GO | | NO-GO LIST	

Status Reporting Legend	
Go	Ready for Revenue Service
No-Go	Not Ready for Revenue Service

Theme	Criteria for Start of Passenger Service	Status	Comments
Safety	Fulfilled all system safety and security certification requirements	No-Go	
	All employees adequately trained	Go	
People	Sufficient management capacity and capability to operate system	Go	
	Staff and stakeholders: Fully prepared and mobilized	Go	
Training	OCS safety awareness provided to emergency response personnel	Go	
	Training programs implemented for Caltrain and TASI employees	Go	
Stations	Completed all station walks and critical punch list work	No-Go	
Trains	Sufficient number of EMUs delivered and burned in	Go	
	Successful completion of Broadband wireless project	No-Go	
Systems	All system integration documentation and testing complete	Go	
	System performance during test runs is sufficiently robust/resilient	Go	
Operations	Successful completion of Pre-Revenue Operations planning	Go	
	Standard and emergency operating procedures have been updated	Go	
Maintenance	Warehouse space secured to store spare parts and special tooling	Go	
	Completion of necessary CEMOF improvements to service mixed fleet	Go	
Energy	Electricity procurement strategy finalized	Go	

Caltrain

Passenger Information System Overview

Passenger Information System

- Components

  o Digital Displays – 4-6 per car, depending on configuration

  o Automated Announcements

  o External Signage – front cab and sides

  o Public Address System for Manual Announcements

  o Operator Control Panel

- Automated Visual and Audio Announcements:

  o Train Number, Direction, Stopping Pattern and Terminus

  o Station Transit Connections

  o Safety, Fare, and Courtesy Information

Caltrain

Passenger Information System – Samples

Northbound   **207 LOCAL**   **12:30p**

NEXT STOP

Station Name

CONNECTIONS

🚇 BART   🚌 Muni & SamTrans   ✈ SFO

Caltrain

Northbound   **207 LOCAL**   **12:30p**

ALL STOPS

Tamien • San Jose Diridon • College Park • Santa Clara • Lawrence • Sunnyvale • Mountain View • San Antonio • California Ave. • Stanford • Palo Alto • Menlo Park • Atherton • Redwood City • San Carlos • Belmont • Hillsdale • Hayward Park • San Mateo • Burlingame • Broadway • Millbrae • San Bruno • S. San Francisco • Bayshore • 22nd St. • San Francisco

---

Northbound   **207 LOCAL**   **12:30p**

NEXT STOPS

Mountain View • San Antonio • California Ave. • Stanford • Palo Alto • Menlo Park • San Francisco

---

Safety First

Please hold on during your ride as trains brake & accelerate quickly

Caltrain

Caltrain

Recent and Upcoming Activities

Caltrain

Recent Activities

- Debriefed FTA Readiness for Service Review draft report

- Additional trainsets delivered and burn-in ongoing

- Broadband wireless dynamic testing

- Continued testing of on-board audio and visual announcements

- Fleet disposition – initial set of gallery cars moved off property

Upcoming Activities

- Fleet disposition – preparing Invitation for Bids to dispose of surplus equipment

- Establishing connection to efficiently deliver APC data

- PADS software update to reflect new electric schedule train numbering

- OP-54 readiness for service review and approval

- FRA Request for Amendments:

  - PTC Onboard Software 6.5.4.0: FRA approved on 07/22/2024

  - Control Type and Phase Break: Anticipate FRA approval around 08/05/2024

- Publication of new electrified service timetables

- VIP event and soft launch

Next Steps

Upcoming RAMP Presentation Topics

Month	Topic(s)
~~January~~	~~RAMP Scorecard and Overall Progress Update~~
~~February~~	~~Top Risks, Pre-Revenue Operations Plan~~
~~March~~	~~Update on Transition/Handover + Safety, Security, Storage~~
~~April~~	~~Training Status and Emergency Preparedness~~
~~May~~	~~Update on Soft Launch and Marketing Campaign~~
~~June~~	~~*N/A – TOPS Cancellation (July Board Recess)*~~
~~July~~	~~Overview of Passenger Information System, Station Improvements~~
August	**Update on Service Launch and Celebration of Project Completion**

Caltrain

FOR MORE INFORMATION

WWW.CALTRAIN.COM

Caltrain