Rail Inspection Vehicle (RIV)

NRVE 5100

Sole Source Procurement with MERMEC for RIV Performance Package & Software Upgrade

June 12, 2025 | BART Board of Directors Meeting

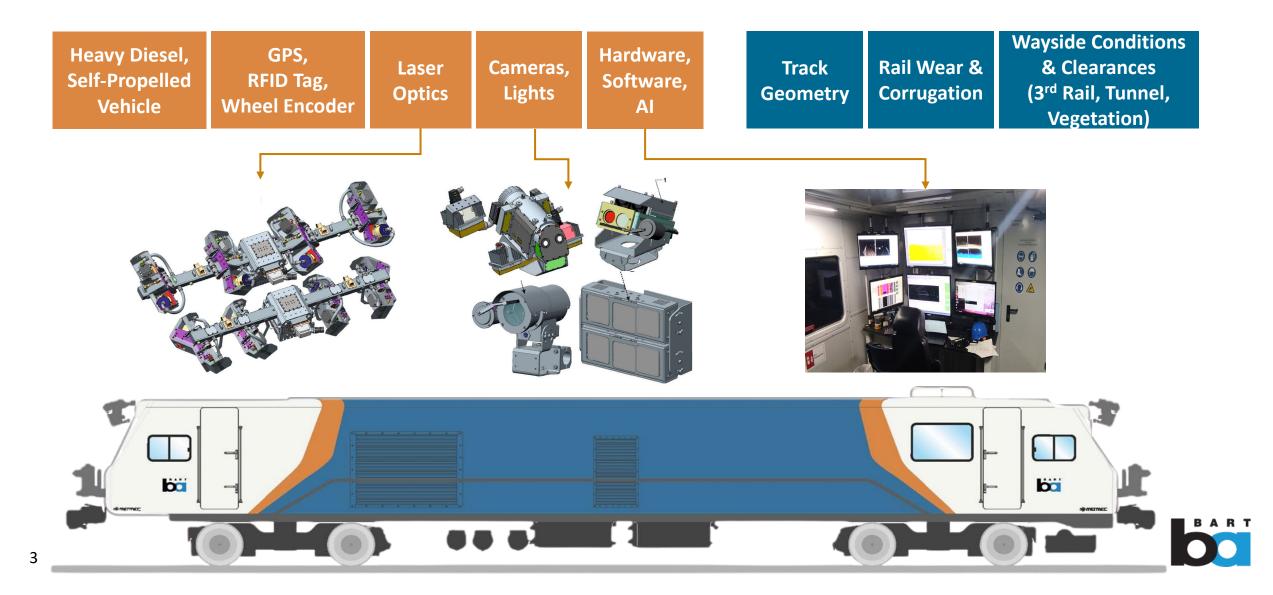


RIV Overview

- Automated track inspection tool vital to BART's reliability
- Identifies track geometry anomalies with high accuracy, which reduces incidents, cuts costs, and improves service
- Enhances rider experience through smoother ride, efficient maintenance, reliable system

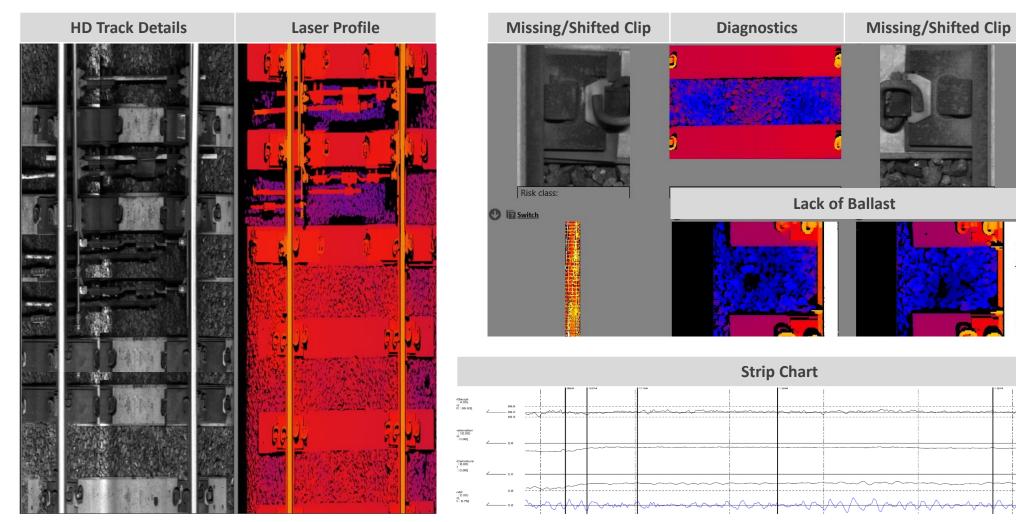


Systems & Functionality

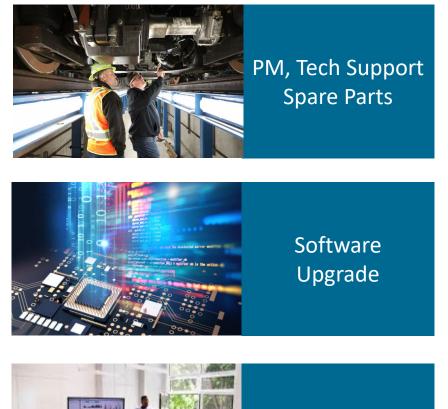


Sample Data

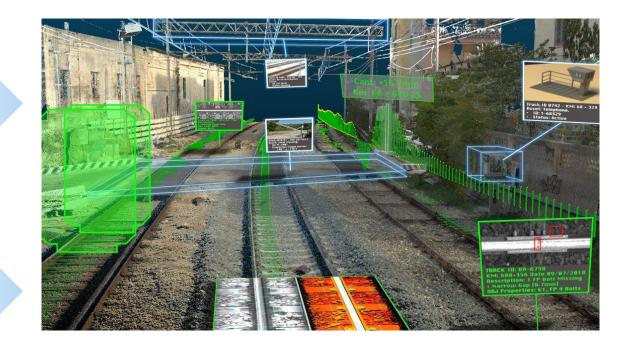
The RIV improves safety & quality of track inspection, saves time, and reduces cost.



Procurement







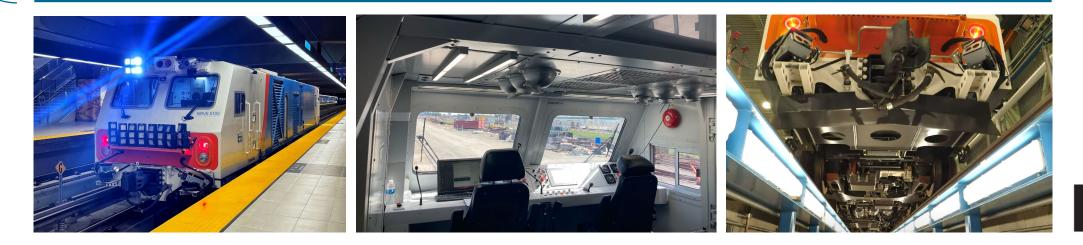
- RIV's optimal functionality & reliability
- Efficient data analytics
- Maximo integration
- Trend & forecast maintenance & replacement
- \rightarrow Safety and proactive asset management



Recommendations to the Board

- Authorization, in accordance with Public Contract Code Section 20227, for the General Manager to:
 - Enter into direct negotiation with MERMEC for the purchase of the RIV Performance Package and the RAMSYS/RailStudio Software Upgrade
 - Execute an agreement (sole source contract)
 - Exercise three (3) one-year options to extend the agreement duration, for a total amount not to exceed \$8M, including applicable sales tax.

Two-Thirds Votes Required.



Thank You

