

AIM RAIL

Ballast Fouling Assessment

PRODUCT SHEET



AIM RAIL is a portable, hand-held system for quickly assessing ballast fouling *below the surface*.

TECHNOLOGY

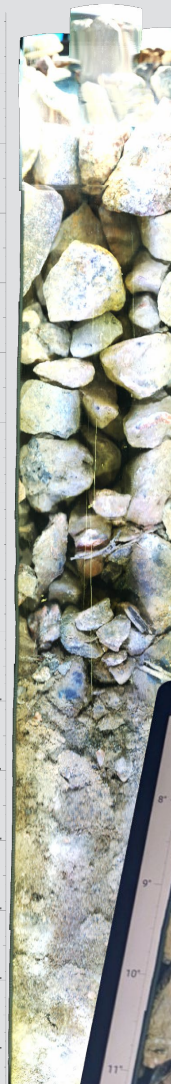
AIM RAIL leverages a simple yet elegant technique for creating and maintaining a hole in ballast, and a specially-designed imaging probe to capture a full-depth picture. Sophisticated AI models then converts the image into ballast fouling metrics, by depth.

FEATURES

- Up to 24-inch depth of investigation
- 4-inch-wide image (180° FOV per pass)
- One-person operation
- Viewable in real time on any device
- Driver agnostic

BENEFITS

- Direct imaging of in situ subsurface ballast
- Reaches and images key fouling horizons
- Operable by any personnel with minimal training
- Overcomes human bias with quantification
- GPR ground-truthing



Insert text/caption here



Close up of screen showing the ballast underground

AIM RAIL

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