

Automation, Information Management & Control



Project Description:

The introduction of new communications and computer technology in the railroad industry will change how workers in railroad operations perform their jobs.

- Automation, management/control of information becoming essential components of railroad operations
- Examines effects of automation and digital information systems on operator performance, management of information
- Past work focused on locomotive engineer, MOW. New work will focus on dispatchers, RCL Operators

Railroad Impact:

The design of equipment which includes new technology will be improved by information about human-machine interaction within the railroad context. This will enable designers to avoid costly and unsafe designs and will speed the introduction of productivity-enhancing technology into the railroad industry.

FRA Task Monitor: Tom Raslear, RDV32

Schedule:

- **FY08-09** – Dispatcher study
- **FY09-10** – Finish dispatcher study, start RCL operator study
- **FY10-11** – Finish RCL operator study