



## What we mean by "A Higher Level of Reliability".

A Higher Level of Reliability is more than just a statement; it is a core belief that pervades every aspect of our corporate culture. For over eighty years, our mission has been to provide reliable, repeatable service – for every client, everywhere, every day. We strive to exceed our client's expectations while providing a safe working environment, maintaining the highest industry standards, and respecting the dignity of every employee.

- Our mission is to provide reliable, repeatable service.
- Our commitment is to employ the best resources, technology, and methods available today.
- Our investment in quality, service, and efficiency comes from our focus on discipline, exceeding client expectations, and continuous improvement that drives productivity.
- Our corporate culture is defined by three principles: safety and the knowledge that all incidents are preventable; the integrity that comes from always doing the right thing; and a passion for our work and its contribution to society at large.

For more information on Sperry solutions, please visit [www.sperryrail.com](http://www.sperryrail.com) or contact one of our offices:

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*A Higher Level of Reliability*



*For superior technology, training, and reporting - the solution is Sperry*

[www.sperryrail.com](http://www.sperryrail.com)

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Sperry Rail Service

a Rockwood Company



For superior technology, training, and reporting,

the solution is **SPERRY**



For over 80 years, Sperry has been an innovative force in rail flaw detection. For us, serving our customers embodies more than supplying the most advanced technology in the industry: it is about providing a total solution that offers our customers a more cost-effective, time-efficient way to operate.



### Capitalizing on technology to reduce costs and bring rapid results.

Sperry manages a varied range of technology and equipment. Our fit-for-purpose vehicle platforms and walking sticks incorporate the latest innovations in ultrasonics and induction. Vision systems allow an operator to view a digital image of the rail surface of a defect in real-time, improving the operator decision-making process. We offer non-stop testing that is the fastest in the world. Our latest innovation, X-Fire™, is the most advanced flaw detection technology available today. Yet we also believe in the tried and true, and are the only company to combine magnetic induction with ultrasonics to identify more flaws and defects than ultrasonics alone. Regardless of the technology or technique used, Sperry provides reliability and repeatability you can trust.

Delivering results that are more accurate, in less time, by employing the highest trained and certified staff in the industry.

There is a human component to every decision made in rail testing, and thousands of decisions need to be made every day. We founded The Sperry School of Rail Testing in 2006 to give our employees and customers around the world the best possible advantage when making these decisions. Highlights of our internationally recognized school include:



All courses taught by an ASNT Level III certified instructor.

Over 90% of our graduates earn Level II certification.

Class sizes limited to 6-8 students to ensure individual attention.

Hands-on training using hand units and other inspection tools.

One-of-a-kind rail laboratory features actual rail samples showing every type of rail defect and a test track containing several dozen documented rail defects.



#### Courses offered include:

Level I Rail Testing, Level II Rail Testing, Hand Testing, Portable Rail Flaw Detectors, Gates & Gains, B-Scan Interpretation, Test System Familiarization, Roller Search Unit (RSU) Maintenance, Induction Testing, Personnel Qualification & Certification, 10-week Chief Operator Class (covers all of the above topics)

*"The Sperry School did a terrific job educating our employees on all facets of rail flaw detection. The hands-on training in the lab and on the test track helped us make better decisions in real life situations, ultimately reducing inspection time and saving money for our organization." Al Mauldin, Engineer - Rail Testing, Norfolk Southern*

# Innovation from Sperry: X-Fire



We strive to simplify decision making by creating technology that takes the guesswork out of detecting flaws, and makes next steps obvious.



Our exclusive X-Fire technology uncovers difficult to find defects before they become a liability. X-Fire's ability to locate defects in spite of certain surface conditions such as head checking, shells, and worn rail profile is the most advanced available today.



Our state-of-the-art fleet management center keeps you in constant contact.

We monitor our fleet continuously. This gives us the opportunity to respond to customer requirements and issues in real time. Reduce service interruptions and stay informed with Sperry.

## Enabling informed decisions by providing flexible reporting capabilities and online access.

Sperry delivers data that can be reported in the way that is most relevant to your company and shared easily among those who can act on it. Sperry is the first to offer secure web-enabled access to your test results online, anytime. Plus, customized reporting capabilities let you format the data according to your specific criteria.

### Highlights of the Sperry Data Management System (SDMS) include:

Monitor and predict future maintenance needs

Compatible with most ERP systems

Extensive data warehousing capability

Seamless integration with PDA-based devices

Customer-configurable reporting

Integration with GIS services

# Sperry is synonymous with safety.



## Quality assurance program and service failure Investigations.

Sperry employs a dedicated team to provide quality assurance and system integrity. Operators upload recorded test data daily to our Quality Management group where it undergoes a stringent quality audit review process.

## Safety Management System (SMS).

Our proprietary Safety Management System is implemented at every level of our organization without exception. Improving operator and crew safety is at the forefront of every decision we make.

## Dedicated field management.

A dedicated field manager with significant experience in rail testing and management supervises all equipment deployment, crew activity, and personally responds to customer requests for follow-up work.

Sperry dominates the industry in rail flaw detection services and technology.



## Our services and products combine to give you an edge in rail flaw detection.

We uncover more defects per mile by successfully integrating timesaving services and techniques with products featuring state-of-the-art technology. All delivered by the highest-trained team in the industry - both on the rails, and behind the scenes.

## SERVICES

### Turnkey Rail Flaw Detection Programs

- Stop & Verify Programs
- Non-Stop Testing Programs

### Ultrasonic Training and Certifications

### Data Management with secure online access

### Service Failure Investigations

### Quality and Audit Programs

## PRODUCTS

### Portable Equipment

- A-Scan Single Rail Walking Stick
- A-Scan Dual Rail Walking Stick
- B-Scan Flaw Detector Single Rail Walking Stick
- B-Scan Flaw Detector Dual Rail Walking Stick
- B-Scan Flaw Detector Trolley

### Hi-Rail Equipment

- 450 Series
- 950 Series

### Railbound Equipment

- 100 Series
- Self-Propelled Vehicles
- Non-Powered Vehicles
- Multi-Function Vehicles

## A rich heritage that keeps pushing us forward.

In 1928, Dr. Elmer Sperry invented rail testing by developing the world's first non-destructive method of detecting internal life-threatening defects in rail by applying induction techniques, saving countless lives in the process. The Sperry Defect Manual, first published in 1934 and continually updated, is considered the de facto authority on rail testing. His prowess made him one of the most prolific inventors in America, second only to Thomas Edison, amassing over 400 patents in his lifetime. Dr. Sperry's dedication to precision through improvement and service underscores everything we do today.

