

John B. Weisgerber, P.E.

Manager Engineering Systems

ZETA TECH

A Harsco Rail Business Unit

Summary of Qualifications

Manager with 30 years experience in freight and passenger railroads and transit operations. Extensive experience in maintenance of way information systems, inspection systems, development of inspection tools, and systems, maintenance planning systems, and integrated inspection and information systems. Additional experience in administering technical and engineering staffs.

Professional History

1997 to Present

ZETA-TECH, an Independent Business Unit of Harsco Rail

Manager, Engineering Systems

Manage Development of software for engineering applications including Maintenance-of-Way Information System, Track Strength Evaluation System and Tie Inspection Recording System. Developed PDA (hand held computer) based track inspection systems to include TrackInspect, SwitchInspect, TieInspect, etc. with direct interface with Maintenance of Way information and management systems.

1991 to 1997

Technical Services Laboratories, Inc.

Manager, Engineering Services

Designed, installed, programmed and maintained a PC-based computer network among three oil analysis laboratories for collating, analyzing and storing oil analysis.

Responsible for hiring, training and supervising the personnel for operating and maintaining the Burlington Northern Track Strength Analysis and Recording (TSAR) vehicle.

Responsible for computer network operations for the laboratory facility
Responsible for supervisory and administrative operations of lab employees, involving electrical/electronic, chemical, metallurgical and environmental projects.

1987 to 1991

Day and Zimmermann, Inc.

Senior Electronics Engineer

Transportation Services Division (TSD)

Participated in an engineering review of a light rail motor repair shop.

Project Manager for management of data from wheel impact load detectors and acoustic bearing detectors.

1982 to 1987

Norfolk Southern Corporation (formerly Southern Railway System)

Electronics Engineer - Instrumentation & Test

Research and Test Department

Responsible for instrumented tests of railroad rolling stock and track structures. Including developing proposals and test procedures.

Participated in the design, construction, testing and initial operation an end-of-train telemetry system based on VHF radio.

Participated in the initial evaluation period of and initial operation of an electromechanical rail wear measurement Hi-rail vehicle

1978 to 1981

Southern Railways System

Engineering Co-op Student

Research and Test Department

Aided in the upgrade of an electromechanical track geometry measurement car first to a computer-controlled electromechanical design and later to a computer-controlled electronic design.

Participated in the design and construction of magnetic tape speed recorders for 1400 locomotives

Education

Bachelor of Electrical Engineering

Cooperative Education Division

Georgia Institute of Technology, 1982

Professional Training

Electro Motive Division of GM Service Department Classes

Strain Gage Technology - Measurements Group

Basic Operations Training Course - SoMat Corporation

Switchman/Trainman School – Norfolk Southern Corporation

Computer Experience

Operating Systems: Microsoft DOS, Windows, IBM OS/2, SCO Unix, HP RTE, Prime PRIMOS, ME, 2000, XP

Programming

Languages: FORTRAN 77, Visual Basic

Applications: Word Processors, Spreadsheets, AutoCad 10.0, Access, SMART, INFORMIX

Professional Associations

Professional Engineer, PA

Institute of Electrical and Electronics Engineers

Published Papers

“Data Gathering Techniques Used During Track Lubrication Tests”,
Second International Symposium on Wheel/Rail Lubrication”, June 1987