

Peter F. Lach

Objective

To advance my career in the railroad industry using my 40 years of experience and knowledge in the Communications and Signal areas. I am currently retired and looking for contract work

Professional Accomplishments

Field Test Engineer

- Did simulation/rack testing of interlocking equipment and software
- Tested pre-built control houses prior to installation through final commissioning
- Worked on Grade Crossing Systems, Cab Signal Systems, PTC Systems Dispatching Systems

Supervisor Communications

- Responsible for the maintenance of communications, data and VOIP radio systems
- Responsible for construction of wayside fiber systems, networks and PBX systems
- Supervised both Communications technicians and Radio technicians

System Analyst CETC / PSCC (traffic control system)

- System Administration on Sun Microsystems, Tandem and Windows based equipment
- Completed and debugged the programming for the US&S Genisys RTUs
- Trained in Unix systems, Communications Systems and Windows NT Systems

Supervisor Signal Construction

- Installed, Tested and Cutover many interlockings on Amtrak
- Installed a 3300 volt signal power transmission system
- Supported fiber contractors installing fiber along the right of way.

Electronic Specialist

- Installed and Maintained various types of equipment for train dispatching and SCADA systems
- Trained in Tandem Computers, Video Systems, Data Transmission systems
- Designed a High Car Detector and assisted in development of RTU equipment

Employment History

2014 to 2016	Field Test Engineer	Xorail, Denver, CO
1976 to 2013	Technician, Supervisor, etc	Amtrak, Philadelphia, PA

Education

Electrical Engineering	Did not complete	Temple University, Phila. PA
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References

Keith Holt	Deputy Chief Engineer C&S Amtrak	215-349-1028
Dwight Golder	Director of Engineering-Xorail Denver	303-249-8088

Peter F. Lach
3rdTrick Railroad Systems, INC

I am currently retired from the railroad industry and looking for contract work. I have my own INC and can advise and assist in design, testing and commissioning of railroad signal and communication systems. I live in Denver, CO and can travel for on location work. I have worked around the railroad right of way and well versed in working safely around active and inactive railroad. I am knowledgeable of electrified railroad systems, catenary, third rail, etc. and I have no problem passing mandatory drug testing.

I am versed in Microsoft Office software and able to build test sheets in Excel and have done Power Point presentations. I am comfortable using software version control software. I have used various types of simulator software along with device specific programs.

The going rate for contract work is \$150/hr but I am willing to negotiate depending on the length of the contract and the insurance requirements. The client will be responsible for all travel expenses including air flights, hotel, meals, and vehicle outside of the Denver, CO area. I can provide basic tools and meters but any specialized equipment will be provided by the client. I have my own cell phone and laptop but if the client requires special features or security then they will provide along with any necessary software. The client will provide workspace local to the project area. Any special safety training (RWP, Security, etc) will be provided by the client.