



TUNNEL RADIO

UNDERGROUND WIRELESS SOLUTIONS

Capabilities Statement

COMPANY DESCRIPTION

For nearly 40 years, Tunnel Radio of America has distinguished itself as a trusted designer, manufacturer, and installer of specialized radiating-cable antenna systems. We focus on providing critical communication systems to difficult-to-reach areas, such as dams, mines, tunnels, basements, and cargo ships for federal, state, municipal and industrial clients nationwide. Tunnel Radio provides RF Communication solutions to construction companies that work on tunneling and underground projects, tunnel owners who require worker safety and operational efficiency from voice communications, as well as companies that offer services to site locations.

CORE COMPETENCIES

- Reliable RF coverage for critical national infrastructure, including dams, mines, rail and transportation tunnels, ships and building sub-basements
- Confined-space wireless communication and remote diagnostic solutions
- Custom engineering, programming, installation and maintenance of radiating coaxial cable systems
- RFID Tracking of personnel and equipment
- Completed projects as a contractor or subcontractor for federal, state, municipal and industrial clients, nationwide

PAST PERFORMANCE

- **NOAA Oscar Dyson:** Harsh environment. Radiating Cable addresses communication gaps on lower deck areas for reliable ship-wide RF coverage.
- **Emagineered Solutions, John Day Dam, USACE:** VHF radiating coax, voice coverage in critical areas for personnel safety
- **Hensel-Phelps, USN:** 8 miles underground coverage at US Navy Red Hill Fuel Tunnels
- **Mount Weather, FEMA, Emergency Operations Center:** Underground VHF coverage
- **Interlake Steamship Company:** Two-way UHF radio comms in 1000-ft class freight ships
- **City of Spokane, Riverside Park Water Reclamation Facility:** UHF coverage for ~3.5 miles maintenance tunnels and other facilities
- **City of Seattle:** Seattle Police 800 MHz trunked radio coverage in 1.5 mile train tunnel with BNSF, NFPA compliant
- **US DOT/FRA:** Positive Train Control coverage through 100+ miles of tunnels, plus more than 400 linear miles of above and below ground DP and Voice coverage for all Class 1 Railroads
- **Nevada Gold Mines:** (Carlin Complex) Largest gold mine in North America. Underground VHF voice. Over 100 miles underground, multiple portals

CONTACT:

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DIFFERENTIATORS

- 24/7 direct customer support
- Designed and Manufactured in America



UEI: C3UNXER4H3T8 // **CAGE:** 3GHR8

NAICS CODES:

- 237130 Communication Antenna Construction
- 238210 Communication Equipment Installation
- 331491 Coaxial Cable; Communication Cable
- 334220 Wireless Communication and Manufacturing
- 334290 Other Communication Equipment; Signals, Motion Detection
- 811213 Communication Equipment Repair and Maintenance

PSC CODES:

- 5810 Communication Security Equipment and Comp
- 5820 Radio and TV Communication, Excluding Airborne
- 5985 Antennas, Waveguides and Related Equipment
- 5995 Cable, Cord and Wire Assemblies; Comm. Equipment

US PATENTS:

6,041,216 // 6,195,561 // 9,760,853 // 10,728,770 // 10,966,100



ISO 9001:2015
Certified

SCOTT ROSE

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