

TELECOMMUNICATIONS

Shulman Rogers' Telecommunications practice represents clients involved in all areas of communications, including private radio, common carrier, broadband and broadcast.

LAND MOBILE RADIO

The Firm has served as counsel to PCIA (a major trade association), and represents manufacturers, users and licensees of two-way radio dispatch and paging systems, and Specialized Mobile Radio ("SMR") systems. The Firm also represents hundreds of public safety licensees (State, Counties and Cities) in securing spectrum for their operations and negotiations involving the 800 MHz Rebanding Program (<http://www.800mhzrebanding.com/>).

Shulman Rogers is presently engaged in a major effort to assist land mobile licensees with VHF and UHF radio systems to comply with the FCC's "narrowband" mandate and has established an industry information website www.NarrowbandingLaw.com. The Firm assists in the review of Requests For Proposals ("RFPs") for engineering services and new equipment, the filing of FCC applications, and providing advice on compliance issues. The Firm is also engaged in a nationwide effort to educate users about the 2013 deadline.

FCC Applications

The Firm's dedicated staff files hundreds of FCC applications every year for clients utilizing a variety of radio bands for a variety of radio services.

POSITIVE TRAIN CONTROL

The Firm represents railroads in their efforts to implement Positive Train Control (PTC). PTC is a federal law for passenger and freight railroads to implement a system to prevent rail accidents, and will

PRACTICE CHAIR

Alan S. Tilles

ATTORNEYS

Jeffrey W. Rubin

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require wireless spectrum. Department Chairman Alan Tilles also serves on the Joint Council on Transit Wireless, and is Chairman of the Joint Council's Narrowbanding and Rebanding Sections.

MICROWAVE RELOCATION

The Firm negotiates microwave relocation agreements on behalf of a variety of incumbent licensees.

TOWER LEASES AND RELATED ISSUES

The Firm's Tower Group handles a variety of issues for radio tower owners, lessees and users. The Tower Group negotiates tower leases, obtains the necessary entitlements for constructing towers, and provides assistance with regard to tower environmental issues.

BROADBAND WIRELESS

Shulman Rogers assists broadband wireless operators with spectrum utilization issues and obtaining construction grants through the variety of government programs available for the build-out of broadband wireless in rural areas.

IN-BUILDING RADIO COVERAGE

The Firm assists a variety of entities in dealing with the proliferation of local ordinances requiring access to public safety communications within newly constructed buildings. The Firm works with Bi-Directional Amplifier manufacturers and users to ensure that units are effective and do not cause interference.

COMMON CARRIER ISSUES

Common Carriers must be involved with a variety of FCC requirements and filings. The Firm assists Common Carrier clients with Universal Service, North American Numbering Plan, CALEA and CPNI filings.

TELECOMMUNICATIONS LITIGATION AND BANKRUPTCY

The Firm handles complex litigation and bankruptcies involving telecommunications companies.

DISTRIBUTED ANTENNA SYSTEMS (DAS)

Shulman Rogers is uniquely qualified to assist clients with regard to their implementation of Distributed Antenna Systems (DAS). The Firm's expertise stems from a pool of attorneys with

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experience on all matters relevant to DAS implementation, including radio propagation, leasing and Leadership in Energy and Environmental Design (LEED) compliance. As counsel to DAS manufacturers, DAS implementation companies and municipalities implementing DAS and LEED requirements, Shulman Rogers is able to bring knowledge and experience to technical issues involved in DAS implementation.

Further, the work of the Firm in its representation of landlords, tenants, investors, subtenants, management companies and real estate brokers, in all aspects of leasing, enables the Firm to assist on any DAS issues that arise. Firm personnel working on DAS or tower leasing issues include the following: Alan Tilles, Chair of the Firm's Telecommunications Group, has extensive experience in the radio propagation area of wireless radio regulation. Mr. Tilles' representation includes tower owners, tower lease holders and manufacturers of antennas and antenna systems. Further, as counsel to a variety of municipalities, Mr. Tilles has had experience with various municipal ordinances requiring in-building coverage for public safety users. Mr. Tilles has also served as counsel to PCIA—The Wireless Infrastructure Association, since 1984.

In the area of leasing, Doug Hirsch, Chair of the Firm's Leasing/Brokerage Practice Group, brings a crucial element to DAS representation. Mr. Hirsch has extensive experience in land acquisitions, sale and lease-back transactions, construction contracts and financing transactions. As entities seeking to implement DAS often face environmental and political obstacles, collocation within facilities for wireless communication needs is the norm. For a DAS implementation company represented by competent counsel, leasing is a crucial element in a successful venture.

PUBLICATIONS

FCC Extends Narrowbanding Manufacturing Deadline, Maintains New/Expanded Wideband System Deadline

Alert! FCC Issues Advisory Regarding Customer Propriety Network Information (CPNI) Filings

Mandatory Narrowbanding APCO

ICOM America, Inc. Files Rule Changing Petition With FCC

A Consumer Guide to Wireless Number Portability

CMRS Obligations as of March 2000

800 MHz and You

NEWS

Here's a Little T-Band Aid

What's New in LTE? Come See at IWCE

Shulman Rogers Telecom Partner Alan Tilles files DFW Airport plan to install 700 MHz Public-Safety Broadband Network

Alan Tilles, chair of the Telecommunications practice at Shulman Rogers, Gandal, Pordy & Ecker has been named co-counsel of the Radio Club of America.

Don't Believe Narrowbanding Delay Rumor

NPSTC SEEKS LMR EXCEPTION TO REVISED INTRINSICALLY SAFE STANDARD

The Broadband Debate

Shulman Rogers to Assist Transition to New FCC Regulations

Alert! FCC Issues Advisory Regarding Customer Propriety Network Information (CPNI) Filings

FCC Issues Declaratory Ruling Establishing Timeframes For State & Localities To Process Wireless Tower Applications

Researchers Develop Paint That Blocks Radio Signals

Shulman Rogers Selected By Miami/Dade County, Florida For Telecommunications Assistance

A Nearly Impossible Job

Telecom tycoon has plans for wireless public safety start-up

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EVENTS

Public Safety Broadband Education

Narrowbanding Are You Prepared? Webinar

Narrowbanding: Meet the Mythbusters

CASE STUDIES

Radio System Rebanding for Martin County

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Frequency Genius

New Transmitters, Anyone?

What If?