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SHULMAN  
ROGERS  
GANDAL  
PORDY &  
ECKER, P.A.

April 21, 2003

**VIA ELECTRONIC MAIL**

Marlene H. Dortch, Secretary  
Federal Communications Commission  
445 Twelfth Street, S.W.  
Washington, D.C. 20554

Re: WT Docket No. 02-55  
Ex Parte Presentation

On Friday, April 18, 2003, Joseph Weiss, Vice President, Network Applications Division of Aeronautical Radio, Inc. ("ARINC"); Connie Durcsak, Senior Director, Spectrum Solutions of PCIA; Alan S. Tilles, Esquire of Shulman, Rogers, Gandal, Pordy & Ecker, P.A. (Counsel to ARINC and PCIA); Martin Bercovici, Esquire of Keller and Heckman (Counsel to the International Association of Fire Chiefs, Inc. and the International Municipal Signal Association); Robert Gurs, Esquire of Shook Hardy & Bacon (Counsel to the Association of Public Safety Communications Officials International, Inc.) and Alan Shark, President and CEO of American Mobile Telecommunications Association met with John Muleta, Chief of the Wireless Telecommunications Bureau; Catherine Seidel, Deputy Chief of the Wireless Telecommunications Bureau; Tom Stanley, Chief Engineer of the Wireless Telecommunications Bureau and Michael Wilhelm of the Wireless Telecommunications Bureau, and separately with Commissioner Kevin J. Martin and Sam Feder, Legal Advisor to Commissioner Martin, regarding the Consensus Plan and the Commission's above-referenced rule making proceeding on public safety communications in the 800 MHz band.

During these meetings, the participants and the Commission staff discussed the participants' support of the Consensus Plan, the existence of interference being experienced by non-public safety licensees, and ARINC's iDEN operations.

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Pursuant to Section 1.1206(b)(2) of the Commission's Rules, 47 C.F.R. §1.1206(b)(2), this letter is being filed electronically for inclusion in the public record in the proceeding.

Sincerely,

Alan S. Tilles

Attachment

cc: Listed Participants

# **Air Transport Industry And The 800 MHz Re- Banding Proceeding**

**ARINC**

Prepared for  
Federal Communications Commission  
April 2003

# Agenda

- Airlines Historic Use Of Wireless At Airport Campuses
- Airlines Use Of Wireless For Security
- How Airline Use Of Radio Has Changed Since September 11
- ARINC & Airlines iDEN Upgrade
- Private Radio Has Experienced “Cellularized System” Interference
- “Case By Case” Mitigation Endangers The Public
- There Is No Current Advantage Of Contiguous Spectrum For iDEN Operations

# Airlines Historic Use Of Wireless At Airport Campuses

- ARINC Shared Collaborative Voice Analog Service At 17 Major Airports Used By Airlines And Their Suppliers
- Airline Voice Analog Service At Selected Hubs
- Airport Voice Analog Service At Selected Airports
- All Used For Ramp, Gate, Supplier (Fuel & Food), And Agent Real-Time Mobile Voice Coordination

# Airlines Use Of Wireless For Safety And Security

- Analog Voice Wireless Used For Event Response Coordination
- Wireless Data (LAN and Land Mobile) Emerging As Productivity Enhancement Tool To Address FAA Security Initiatives
  - Baggage Matching
  - Customer Screening
- Communications Vital To The De-Icing Process

# How Airline Use Of Radio Has Changed Since September 11

- Customer And Baggage Screening Has Become Of Paramount Importance
  - Voice Communications Critical To Enable That Process
- Emphasis On How Mobile Data Can Rapidly Enhance Security While Speeding Passenger Processing
  - Baggage Matching
  - Real Time Flight Information
  - Mobile Check-in
  - Unaccompanied Minor Tracking
  - Just In Time (“JIT”) Catering And Fueling

# ARINC Position In WT Docket No. 02-55

- Private System Licensees Have Experienced Interference
  - ARINC's O'Hare Airport iDEN System Received IM Interference From Nextel
  - Interference To Other Non-Public Safety Systems Detailed In Various Docket Filings, Including 5/6/02 SRGPE Comments
- "Case-By-Case" Fixes Jeopardize Public Safety And Welfare
  - Fixes Only Happen AFTER An Incident
  - Burden On Licensee Receiving Interference To Identify The Source Of Interference And Remedy Each Case Is Too Great
    - Anne Arundel County Has Dozens Of Incidences
- No Inherent Capacity Advantage Currently From Having Contiguous Channels For An iDEN System
  - System Structure Built On The Assumption That There Are NOT Contiguous Channels