

ASRI

Aviation
Spectrum
Resources, Inc.

ASRI RF Interference Reports

Presented to
AFC Meeting at CHS
11-12 February 2014

ASRI RF Interference Report

- **This is a description of all radio frequency interference concerns reported to ASRI between November 2013 and January 2014.**
- **We would like to acknowledge the outstanding help of the FAA ATC Spectrum Engineering Services Office, the FCC, the Airlines involved, ARINC, and ACG in the resolution of these problems.**

CMH/November 2013

- ASRI received complaint about constant carrier signal on frequency 131.500 in Columbus, OH.
 - Discovered frequency decommissioned in 2009. Previous user SkyWest/USAir
- ARINC powered down radio as it wasn't removed at time of decommission and stuck in constant transmit.
- ARINC notified USAIR
- CASE: **CLOSED**

DTW/November 2013

- FAA reported data hits on 121.500
 - FAA suspects intermodulation from ARINC 136.750 and 129.125 MHz datalink radios
- ARINC worked with FAA and could not confirm the RFI was coming from the ACARS ground stations
- Local DTW FAA working on solution
- CASE: **OPEN**

FLL/November 2013

- W Aviation reported other users on the same frequency.
- Review found better frequencies in the area to assign.
- W Aviation requested to change frequency
- **CASE: CLOSED**

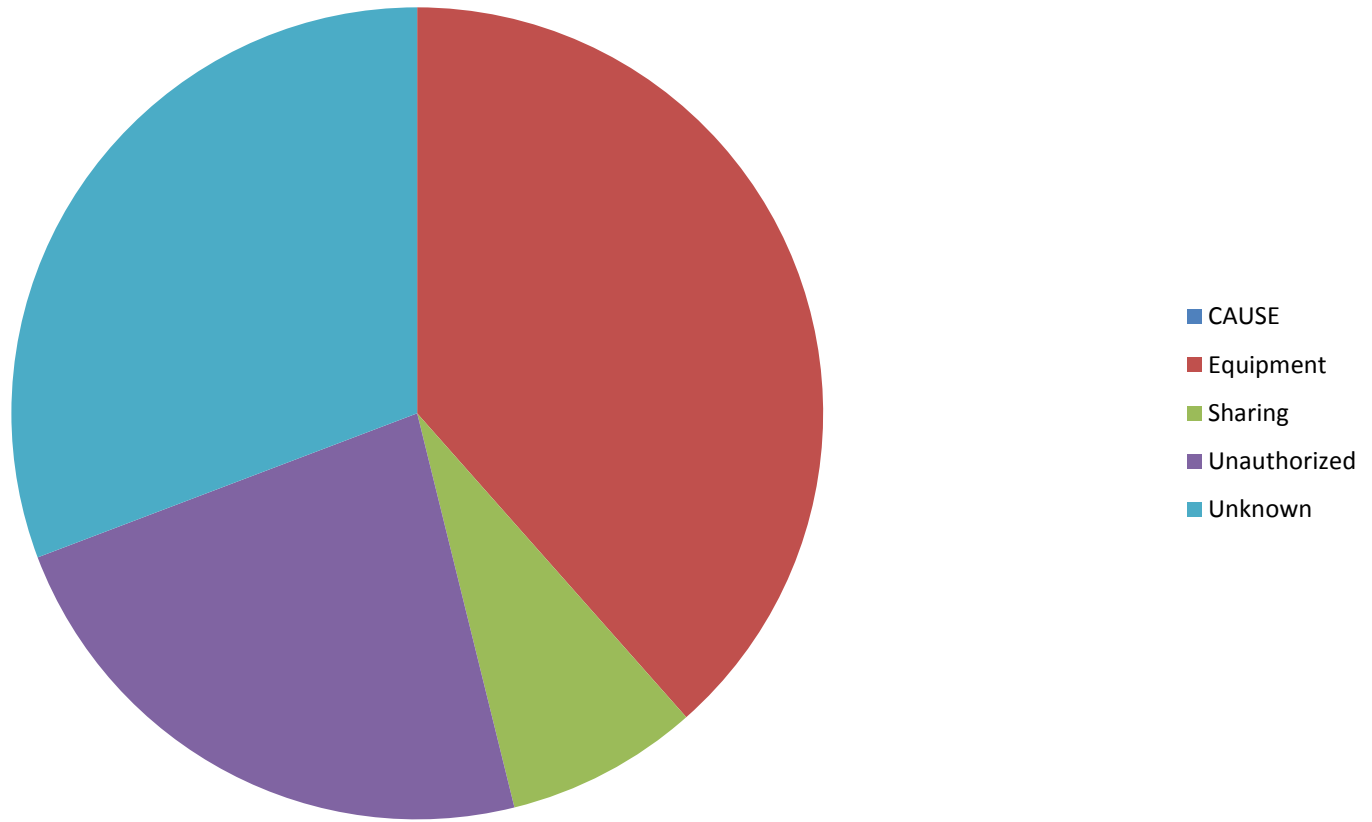
IWA/December 2013

- Aviation Performance Solutions reported Spanish speaking voices on their frequency in Mesa, AZ
- Offered to send tech to investigate
- They asked to change frequencies and wanted to monitor several frequencies
- CASE: **OPEN**

ORD/December2013

- FAA reports sporadic data bursts that occur several times a day on frequency 121.500
- Same intermodulation is suspected as in DTW
- FAA working directly with ARINC CHIMM office.
- STATUS: **OPEN**

2013 CAUSE OF INTERFERENCE



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Questions