



ASRI RF Interference Reports

AFC Fall 2016 Meeting – Austin, TX

Delta @ DFW

December 2015



- Atlanta radio reports of intermittent bursts of interference with voices in the background.
- Delta suspected it started when AA installed some new Park Air transmitters but these radio checked good.
- Delta thought they heard AA traffic but later heard what sounded like ATC traffic.
- ARSI reported and sent audio recording to the FAA, they determined it was not the FAA equipment.
- ASRI monitored the DFW spectrum using the LS Observer to try and ascertain if the interference was caused by APS and AA keying simultaneously. Nothing definitive was found.
- ASRI sending technician back to DFW to investigate further.
- Case open.

FAA @ OMA

June 2016



- FAA reported interference on 132.100 MHz at Omaha, Nebraska
- Interference reported as ACARS bursts breaking Squelch, FAA suspects 131.550 MHz
- ASRI dispatched ARINC to work with local FAA technician
- ARINC tested ACARS equipment 131.550 MHz and did not find a problem RFI seems to be coming from near FAA receiver
- Ticket closed

Northwest Sky Ferry@ BLI

June 2016



- Northwest Sky reported lots of back and forth voice chatter on their frequency.
- ASRI determined this was aircraft to aircraft communication.
- ASRI received information on who was using this 130.650 MHz.
- ARSI contacted Canadian Airtaxi operations and informed them their pilots were interfering with a US licensed ground station.
- Canadian Airtaxi apologized and ceased using that frequency.
- Ticket closed.

United Airlines @ BOS

July 2016



- United reported distorted voice bleed over on 129.300 MHz.
- ASRI worked with BOS UA operations and confirmed report.
- ASRI contacted UA radio technician.
- UA switched over to back-up radio and then repaired primary radio.
- Ticket closed

Dassault Falcon Jet@ TEB

August 2016



- Dassault reported very foul language from a pilot in a banner plane owned by company in Lakewood, NJ. On 130.350 MHz.
- ASRI worked with Falcon Jet to identify banner operator.
- ASRI contacted Paramount Air to report this issue, interference ceased.
- Ticket Closed.

Hawaiian Airlines@ LAX

August 2016



- HAL reported interference on 131.225 MHz from other carriers (UA and China Airlines)
- They stated they were hearing clear communications from the dispatchers but not from aircraft.
- ASRI contacted ARINC Los Angeles to investigate.
- ARINC working with HAL to determine cause
- Ticket open.

Hawaiian Airlines@ HNL @ LIH

September 2016



- HAL reported static and humming interference on 129.300 MHz at two locations – HNL and LIH.
- ASRI received recordings from both sites, sounds identical.
- ASRI asked HAL to check the VOIP network to ensure this isn't coming from the network.
- Ticket open.

DHL @ MIA

September 2016



- Diversified Communications Group reported for DHL interference starting in the late evenings and ending midday.
- ASRI received recording which sounded like static and DATA.
- DCG has contacted ARINC and SITA to see if they had activated any new transmitter, they have not.
- ASRI contacted ARINC MIAMI to investigate.
- ARINC working with DHL to determine cause.
- Ticket open.