

**ASRI**

Aviation  
Spectrum  
Resources, Inc.

# **ASRI RF Interference Reports**

Presented to  
AFC Meeting at MSY  
21-22 October 2014

# ASRI RF Interference Report

- This is a description of all radio frequency interference reported to ASRI between February 2014 to June 2014.
- We would like to acknowledge the outstanding help of the FAA ATC Spectrum Engineering Services Office, the FCC, Airlines, FBO's, Rockwell Collins, and ACG in the resolution of these problems.

## American Airlines at HNL – June 2014

- FCC reported an issue with the AAL radio transmitting non-voice modulation.
- Dispatched RC/A and AAL Comms. UHF linker seems to be receiving RFI and keying up VHF radios (Linker system). RC/A had tech onsite 5/31, 6/2, 6/11, 6/23, 6/24
- UHF interference was confirmed and UHF radio removed

## Hawaiian Airlines at LAX – June 2014

- HAL reported DAL traffic on their frequency 131.225 MHz, DAL 200 kHz away on frequency 131.450.
- RC/ARINC investigated problem and determined there was a radio hardware issue with the Hawaiian A/L's receiver. Replacement radio resolved issue.
- Case Closed

## Emerson Electric at SUS – August 2014

- Emerson reported interference several times a day at random intervals.
- Audio analysis revealed ACARS datalink on Emerson's frequency
- Informed RC/ARINC .
- ARINC sent tech to resolve the problem.
- Case: Closed

## UPS at RFD (Rockford) – August 2014

- 7x24 data pulse 1 second intervals. Fades on occasion but constant this date
- RC/A found an abandoned radio in constant TX and shut it down.
- Airport techs trying to locate owner
- Case: Closed

## Hawaiian Airlines at HNL – October 2014

- HAL reported random squelch breaks with white noise and clicks on their frequency 129.100 MHz.
- Requested audio recording file to analyze.
- Checked recording and could not identify origin, requested additional recordings.
- Case: OPEN

**ASRI**

Aviation  
Spectrum  
Resources, Inc.

# Questions