



ASRI RF Interference Reports

Anchorage, AK
June 16 and 17, 2015

ASRI RF Interference Report



- This is a description of all radio frequency interference reported via ASRI website between March 2015 to June 2015.
- We would like to acknowledge the outstanding help from the FAA, the FCC, Airlines, FBO's and Rockwell Collins (ARINC) in the resolution of these problems.

FAA @ MKE (2/27/2015)



- FAA reported hearing intermittent ACARS type bursts lasting several months.
- Received audio recordings that did in fact sound like ACARS transmissions.
- Forwarded information to ARINC, they dispatched to investigate but could not confirm the reported RFI.
- FAA MKE confirmed they are no longer having this issue but will continue to monitor.
- Ticket closed

DOW Corning Corp @ MBS (3/9/2015)



- Customer reported they have been hearing sporadic data burst for over a month on 131.350 MHz.
- This was a recurring issue from approximately 2 years ago.
- Forwarded information to ARINC for investigation.
- ARINC replaced their 131.550 MHz ACARS transmitter and issue was resolved.
- Ticket closed.

Guardian Air Services @ ONT (4/6/2015)



- Customer reported hearing entire transmissions from Sun Air Jets in Camarillo, CA.
- Said they have been hearing this for at least the past 5 ½ years.
- Spoke to customer and explained these are shared frequencies and they will be able to hear other aircraft if they are overhead.
- Ticket Closed.

AMGEN @ CMA (4/10/2015)



- Customer sent a request for a new frequency that was not being used by anyone else.
- They have been hearing traffic constantly for at least 3 years.
- Explained that all frequencies are shared and while we could change their frequency, there is no guarantee that they will not hear other users.
- Ticket Closed.



- Reports of intermittent data bursts for at least 2-3 weeks.
- ARINC worked issue and had a technician on site on 4/13/2015
- ARINC was unable to determine the cause of RFI
- AA installed new filter and will continue to monitor and record any instances of RFI.
- AA stated RFI is no longer present after installing filter.
- Ticket Closed.

UPS @ SDF

(5/12/2015)



- Reports of intermittent squelch breaks once or twice a minute, 1 -4 seconds in duration.
- Customer suspects ACARS transmitter on 129.125 MHz, he observed transmission on spectrum analyzer that correlated with noise burst on 129.650 MHz.
- Contacted UPS and confirmed possible ACARS RFI on 129.125 MHz - ASRI had ARINC call center dispatch a tech 5/14/15.
- ARINC Tech found the 129.125 MHz radio putting out spurs, tech replaced radio.
- Ticket closed.



- Reports of what sounds like ACARS transmissions on 121.5, 121.9, 119.1. Hearing chirps on several frequencies.
- Spoke with FAA and ARINC, ARINC will coordinate a site visit with the FAA technician to test equipment.
- Ticket open.



Questions or Comments?