

ASRI GSARS/Frequency Congestion

Presented to
AFC Meeting at CHS
11-12 February 2014

ASRI RF Interference Report

- AFC policy to submit annual reports noting the number of station contacts annually
 - Reports allow ASRI, as licensee of ground station, to gauge activity of the ground station
 - Both GSARS and Ground Station Inspections ensure that the user is in compliance with FCC rules and regulations
 - GSARS Reports also assist ASRI Frequency Management with spectrum allocation decisions

ASRI Annual GSARS Reporting via the ASRI website

The screenshot shows a web browser window displaying the ASRI website. The URL in the address bar is www.asri.aero/forms-documents/ground-station-activity-reporting-system-gsars-form/. The page features the ASRI logo and navigation menu. A sidebar on the left lists various forms under the 'AGSA' category. The main content area displays the 'Ground Station Activity Reporting System (GSARS) Form' with several input fields and a channel frequency selector.

ASRI Aviation Spectrum Resources, Inc. Members Area

HOME ABOUT US OUR SERVICES CUSTOMER SERVICE AFC MEMBERSHIP FORMS & DOCUMENTS CONTACT US

AGSA

- AGSA Online Payment
- Ground Station Frequency Request Form
- Ground Station Activity Reporting System (GSARS) Form
- Ground Station Interference Report
- Ground Station Supplies Request Form
- Ground Station Manual (PDF)
- AFC VHF Air/Ground Station Installation Guidelines (.pdf)

Ground Station Activity Reporting System (GSARS) Form

Date of Report *

(YYYY)

Company Name *

Station Representative Name *

Station Representative Email *

(Enter in lower case)

Station Representative Phone Number *

Call Sign *

Channel Frequency
1 2 0 . 0 0 0

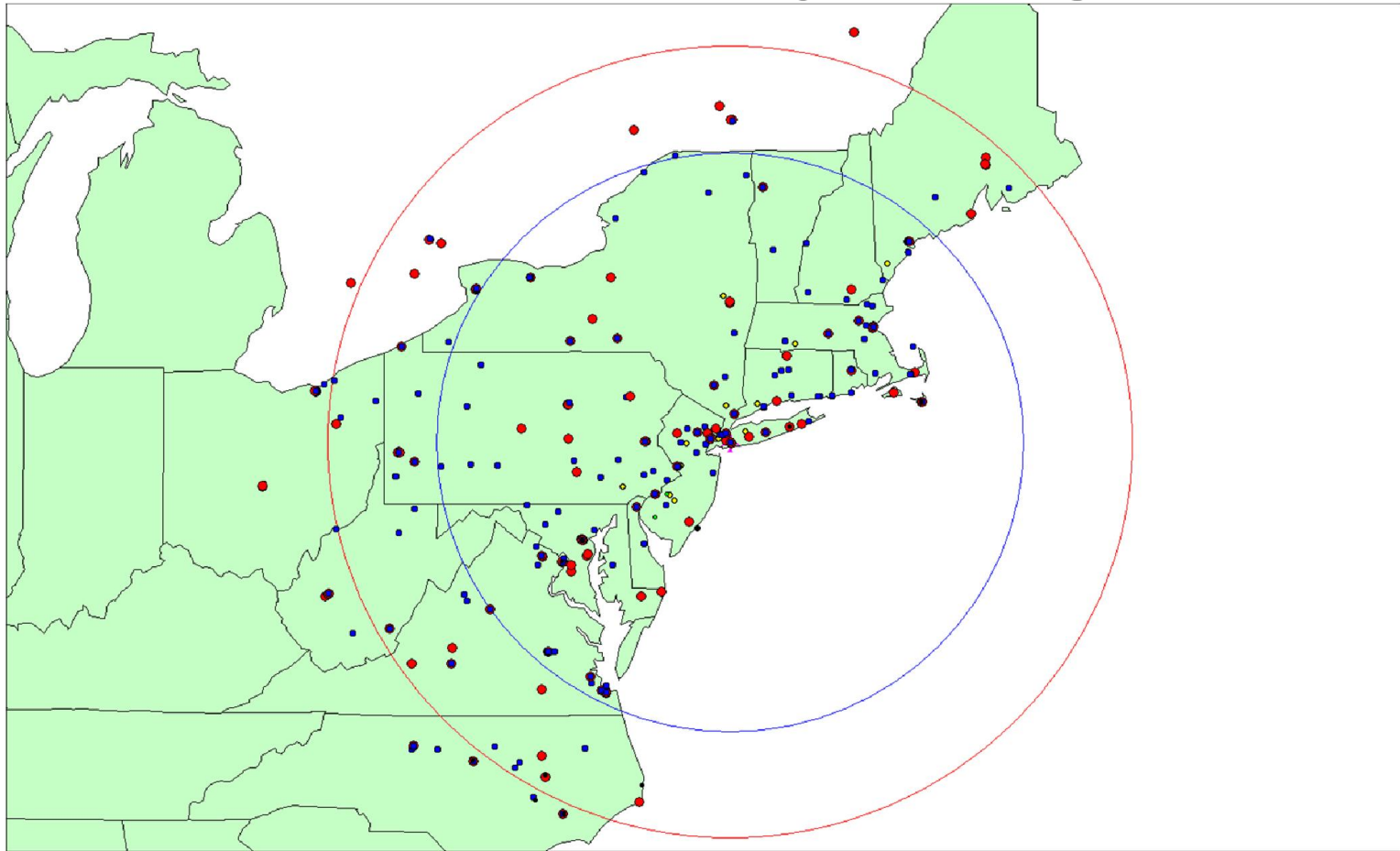
Contacts *

(between 1-999999)

GSARS Reporting

- Currently about 10% of ground stations comply with the ASRI GSARS requirement
- Congestion in Northeastern Region has created the need to know which frequencies are active
- GSARS reporting could assist ASRI with finding the best available frequency assignment.

Northeast Frequency Assignments



ORD/December2013

- Co-channel frequency separation has been significantly reduced
- Additional voice users from the upper 136 band may put additional demand on lower band spectrum
- 1 in 4 frequencies not available due to Canadian use.

FREQUENCY JUSTIFICATION

- Airline consolidation means has created some airlines to have multiple frequency assignments at the same airport
- As per the AFC manual, when merger occurs ASRI will request frequency justification
 - Based upon AFC busiest 15 minute blocks

ASRI

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Questions