



SITAONAIR
ASRI/AFC Meeting
Albuquerque, NM
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SITA

Create success. Together

SITAONAIR network status



	POA					VDL					
	USA	Rest of Americas	Asia	Europe/Middle East/Africa	Operated by ANSPs	USA	Rest of Americas	Asia	Europe/Middle East/Africa	Operated by ANSPs	Total
Jun. 2014	415	197	163	352	154	63	2	8	59	67	1480
Oct. 2015	423	205	163	360	169	75	7	8	97	114	1621
Feb. 2016	418	208	163	362	177	91	7	8	100	124	1658

NAM POA base frequency migration



- Enroute frequency : 136.650 MHz → 129.350 MHz
 - 30 stations
 - Migration performed on Monday, Sep. 14, 2015
 - Total duration about 30 min
 - Service impact: noticeable but minimal

NAM POA frequency migration



- Terminal frequency : 136.575 MHz → 131.650 MHz
 - 32 stations
 - Migration performed on Wednesday, Oct. 14, 2015
 - Total duration about 30 min
 - Service impact: minimal
 - Subsequent reports of interference, eg. UPS @ SDF
 - steps taken to resolve the issue

NAM POA base freq. migration planning



- Base frequency : 136.850 MHz → 131.725 MHz
 - Over 300 stations
 - Migration options considered:
 - Transition period with dual coverage over, or
 - “Big Bang” switchover
 - Internal project team to evaluate pros/cons
 - Dec. 2015 decision to opt for “Big Bang”
 - Special file with list of RGSs supplied to vendors
 - Avionics manufacturers issuing special world coverage map databases to airlines with 2 POA base frequencies in North America: 131.725 and 136.850

NAM POA frequency migration logistics



- Initial use of 131.725 as a terminal frequency at several airports
 - Immediate reports of interference from voice users
 - Discovery of co-located users on adjacent channels, eg. EI AI at JFK using 131.700
- Assessment of interference potential urgently required

NAM POA frequency migration readiness

- Request to ASRI for comprehensive list all licensed users at adjacent channels: 131.675, 131.700, 131.750 and 131.775 at all airports where SITAONAIR operates
- Potential for interference needs to be evaluated
- Mitigating actions to be taken
- Ultimately: decision criteria must be developed for possible fallback to 136.850