

De-Icing

AFC June 2016 Meeting – Portland, OR



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7-8 June 2016

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De-Icing assignments

- Increase in de-icing assignments in recent years
- In 2015-2016 ASRI assigned de-icing frequencies:
 - 78 airports
 - 59 different frequencies
 - 26 different users
- Airports with most de-icing assignments
 - ATL 18 frequencies
 - SLC 19 frequencies
 - MSP 12 frequencies
 - DTW 10 frequencies



Compared to Europe

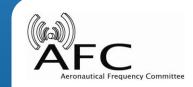
- Maybe lessons to be learned by comparing ASRI to European de-icing assignments
- Reviewed about 10 major airports in Europe for their de-icing assignments
 - All de-icing assignments are ATC spectrum. No AOC de-icing frequencies
 - Use of 8.33 kHz channels for de-icing
 - Shared use of frequencies at more than one de-icing pad



Sample of European airports

 CDG (Charles de Gaulle Airport) 13 frequencies De-icing pads NW1 and NE1 : 121.560 MHz * De-icing pads NW2 and NE2 : 121.990 MHz * De-icing pads NW3 and NE3 : 129.480 MHz * De-icing pads NW4 and NE4 : 121.710 MHz * De-icing pads SW1 and SE2 : 121.590 MHz * De-icing pads SW2 and SE3 : 121.860 MHz * De-icing pads SW3 and SE4 : 129.490 MHz * De-icing pads SW4 and SE1 : 121.790 MHz * De-icing pad ROMEO North : 121.690 MHz De-icing pad ROMEO South : 121.830 MHz De-icing pad JULIETT North : 135.705 MHz De-icing pad JULIETT South : 121.630 MHz De-icing at stand : 121.660 MHz *Sharing same frequency at two locations on airport





Sample of European Airports

• LEJ Lepzig Airport Germany (11 frequencies)

De-icing Pad	VHE – frequency	Call name	
DP 2	121.900	LEJ-Deicing 6	
DP 4	121.900	LEJ-Deicing 6	
DP 3	121.600	LEJ-Deicing	
DP 6	121.980	LEJ-Deicing 7	
DP 7	121.730	LEJ-Deicing 8	
DP 8	121.930	LEJ-Deicing 9	
DP 9	121.700	LEJ-Deicing 10	
DPZ1.1	121.650	LEJ-Deicing 1	
DPZ1.2	121.650	LEJ-Deicing 1	
DPZ2.1	121.750	LEJ-Deicing 2	
DPZ2.2	121.750	LEJ-Deicing 2	
DPZ3.1	121.850	LEJ-Deicing 3	
DPZ3.2	121.850	LEJ-Deicing 3	
DPZ4.1	121.950	LEJ-Deicing 4	
DPZ4.2	121.950	LEJ-Deicing 4	
DPZ4.3	121.950	LEJ-Deicing 4	
DPZ5.1	121.630	LEJ-Deicing 5	2

Again, shared use of frequencies two de-icing pads



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Summary of comparison

- European airports have a similar number of de-icing assignments at their major airports

 Use of ATC frequencies for de-icing
- Use of 8.33 channel assignments not yet practical in the U.S.
- Seek shared use of frequencies at more than one de-icing pad at the same airport?



Questions?



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