White Space DBA Group
Database to Database
Synchronization and Interoperability
Subgroup

Presentation to FCC
05/25/2011
John Malyar, Chair
Alan Norman, Vice-Chair
Brian Rosen, Secretary
Progress since 4/20/2011

• Continued participation including all nine conditional Database Administrators
• Specification V0.9 Available week of 5/23
  – Transport Agreement Reached
  – Closed previous version Parking Lot Items
    • Defined event recurrence using iCAL
    • Integrated contact information using vCARD

• Proof of Concept
Transport Agreement

- Agreement reached to support both SFTP and Web Service implementations
- Initial support using SFTP implementation for bulk loads and periodic incremental updates (e.g. every 15 minutes)
- Transition to Web Service for incremental updates (near real time) with continued SFTP support for bulk loads
Proof of Concept

• Two Database Administrators to implement current specification to demonstrate Specification viability

• Each Database Administrator to register Protected Entity based on Rules and exchange the registration data via the Specification

• Display database updated contours before and after exchange of registration data
Next Steps

• Continue development of Web Service (WS) definition

• Extend Specification based on potential additional needs
  – Temporary BAS Links
Demonstration

• View the Clip

• Results
  – Interface can successfully support the registration and exchange of Protected Entity and Fixed TV Device registration data
  – Cooperation amongst Database Operators
  – Continued progress towards implementation of TV Band White Space