

T-Mobile USA, Inc. Petition for Clarification

Harnessing CMRS Resources to Deliver E911 for VoIP Calls

WC Docket No. 04-36

WC Docket No. 05-196

October 20, 2005



GOALS

- Enhance public safety by enabling CMRS providers to use existing and proven CMRS infrastructure to deliver E911.
- Enable use of best location information available, including automatic location information available through CMRS networks.
- Unify CMRS and VoIP obligations where practicable.



POTENTIAL OBSTACLES

- Definition of Registered Location should clearly permit use of most accurate location information.
- PSAP may not be able to “receive and utilize” E911 data.
- PSAPs may expect location information in wireline (street address) rather than CMRS (x,y coordinate) format.



SOLUTION – REGISTERED LOCATION

- Clarify that “Registered Location”
 - Includes automatically derived location information (and does not require collection of user-provided location information).
 - Permits delivery of automatically derived location information when provider believes this information is more accurate than user reported location information.



SOLUTION – RECEIVE AND UTILIZE

- PSAPs must have capability to receive and utilize E911 data elements.
 - PSAPs must have implemented Wireline Compatibility Mode or NCAS.
 - PSAPs must be able to retrieve location information from real-time databases.
 - PSAPs & combined CMRS/VoIP providers should be subject to Section 20.18 process and timeline.



SOLUTION – LOCATION FORMAT

- Permit CMRS/VoIP Providers to deliver automatically derived location information in the same format for both CMRS and VoIP.
 - Use agreed upon Phase II formats for CMRS network derived location data.



CONCLUSION

Through a series of clarifications, the Commission can enable CMRS Carriers offering VoIP to use existing infrastructure to obtain and deliver the most accurate location information available to PSAPs.

