

CC Docket No. 94-102 – September 2005 E911 Interim Report

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By Electronic Submission:

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TIER III CARRIER INTERIM REPORT
September 2005
CC Docket No. 94-102

Excomm, L.L.C. (“Excomm”) hereby submits its E911 Interim Report, pursuant to *Revision of the Commission’s Rules to Ensure Compatibility with Enhanced 911 Emergency Calling Systems, Phase II Compliance Deadlines for Non-Nationwide CMRS Carriers*, CC Docket No. 94-102, *Order*, 20 FCC Rcd 7709, 7771 ¶172 (2005) (“*Order*”).

Carrier Identifying Information:

Carrier Name: Excomm, L.L.C. – FRN 0005-8475-12

E911 Compliance Officer: Petr Valkoun
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E911 Implementation Information:

Excomm is operating as a “carriers’ carrier”, *i.e.*, Excomm serves only the customers of other carriers. Thus, Excomm has no subscribers and will not have any subscribers. Based on this premise, Excomm hereby reports as follows:

- Excomm received one Phase I request from the PSAP for Fremont County, WY, but still has not received any other Phase I nor any Phase II requests from any other PSAPs in this or any of its other markets. Excomm has worked closely with the Fremont County PSAP to implement Phase I E-911 in the county. Excomm obtained and installed all of the equipment and software necessary to implement Phase I E-911 in Fremont County. Phase I deployment was dependent on a landline between the switch and the requesting PSAP, and although Excomm diligently worked with the local exchange carrier (“LEC”), Qwest, to have a landline installed, the LEC delayed in installing the required landline. The requesting PSAP later advised that the PSAP’s Phase I request was premature, as the PSAP did not have the requisite equipment for Phase I. Excomm is waiting to receive a new Phase I request from the PSAP once it obtains and installs its Phase I equipment.
- Excomm has no subscribers, thus Excomm does not have the means to fund any Phase I or Phase II implementation and recurring costs via pass-throughs to subscribers. While Fremont County, WY has a cost recovery program, it is based on subscriber fees. Because Excomm has no subscribers, Excomm will not be able to obtain cost recovery from Fremont County for implementation of Phase I E-911. Excomm is currently looking into the availability of cost recovery from the State of Wyoming.

Excomm anticipates receiving a Phase I request in the near future from a PSAP in its New Mexico market, and is exploring the availability of any state or local cost recovery programs for E-911 implementation in that state. The State of New Mexico has a cost recovery

program; there are no cost recovery programs available on the local level (e.g., by county or PSAP). Excomm has been in contact with a representative from the State of New Mexico Department of Finance and Administration Local Government Division (“Division”), which administers the cost recovery program, and is currently reviewing the Division’s Cost Recovery Guidelines. Excomm also received and is reviewing a draft of the CMRS Carrier Service Agreement, which Excomm must enter into with the requesting PSAP as a prerequisite to applying for cost recovery from the Division.

Because Excomm has not received any other Phase I or Phase II requests in any of its other markets, it has not yet explored the availability of any state or local cost recovery programs for E-911 implementation in those markets.

- Excomm elected a handset-based solution for Phase II E-911. Excomm is using analog and TDMA technology at all of its cell sites, and has added a GSM overlay at one of its New Mexico cell sites.^{1/} Excomm continues to anticipate a significant problem with its Phase II E-911 deployment. There is currently no Phase II-compliant handset-based solution available for TDMA or GSM technology, and it appears from all available market information that one will not become available any time in the near future.

Moreover, as previously reported, Excomm is unable to switch to a network-based solution for Phase II E-911 in any of its markets because it is technically impossible. The only Phase II-compliant network-based solutions available are based on either triangulation techniques, which can work only when the network is receiving location information on the involved mobile unit from three different cell sites, or angle of arrival techniques (“AOA”), which can work only when the network is receiving location information from at least two different cell sites.

Each of Excomm’s cellular systems serve only remote, rural areas. Fremont County, WY is served by two stand-alone cell sites that are spread approximately 100 miles apart. Thus, there is no overlap between the two cells and Excomm has no other cells within 50 miles in any adjacent county. Therefore, no portion of Fremont County is susceptible to either triangulation techniques or AOA techniques. Likewise, respecting Excomm’s other cellular markets, virtually all of the systems are stand-alone single-cell systems.^{2/} Triangulation techniques are not possible in any of Excomm’s other markets. Only very small portions of two of these other markets may be susceptible to AOA techniques, but even if implemented, Excomm would never reach a 95% accuracy level on a system-wide basis, as prescribed by §20.18 of the Commission’s rules.

^{1/} Excomm also added CDMA overlays to two of its Wyoming cell sites, in response to the demands of its roaming customers in that market. Excomm’s CDMA overlays will operate off of a switch in Iowa owned and operated by an unaffiliated carrier, pursuant to a written agreement. Since Excomm has not received any Phase II requests, it has not moved forward with Phase II on the CDMA level.

^{2/} The only exceptions are: (1) the system in Colorado licensed under call sign WPUD549 with three contiguous cells; and (2) the system straddling the North Dakota and South Dakota border licensed under call sign WPUP317 with three contiguous cells.

- For the reasons discussed above pertaining to the permanent absence of any available Phase II TDMA and GSM handsets and the impossibility of employing a network-based solution, both of which are beyond Excomm's control, Excomm does not anticipate that full Phase II service will be available in its network any time in the near future. Excomm is continuing to monitor the marketplace for new technology that will provide adequate Phase II E-911 service to rural markets.
- With regard to meeting the ultimate implementation date of December 31, 2005, see above.