



# PUBLIC NOTICE

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DA 21-642

Released: June 1, 2021

## **PUBLIC SAFETY AND HOMELAND SECURITY BUREAU PROVIDES UPDATED GUIDANCE TO CMRS PROVIDERS REGARDING REPORTING OF 911 LIVE CALL DATA**

*Revised Template Provides For Reporting of Vertical Location Technology Used in Live 911 Calls*

**PS Docket No. 07-114**

By this Public Notice, the Public Safety and Homeland Security Bureau (Bureau) provides a revised reporting template for Commercial Mobile Radio Service (CMRS) providers to use in filing their periodic E911 location accuracy live 911 call data reports as required by section 9.10(i)(3)(ii) of the Commission's rules.<sup>1</sup> The revised template (attached as an Appendix to this Public Notice) adds a field for CMRS providers to report their use of vertical (z-axis) location technology in live 911 calls.

The Commission requires nationwide CMRS providers to file quarterly reports of their aggregate live 911 call location data for each location technology used within four geographic morphologies and six representative cities (Test Cities).<sup>2</sup> Non-nationwide CMRS providers must file reports every six months for specific areas they serve.<sup>3</sup> In 2017, the Bureau developed a reporting template to provide a consistent and uniform method for submission of live 911 call data by CMRS providers.<sup>4</sup>

In the *E911 Location Accuracy Fifth Report and Order*, the Commission adopted a vertical (z-axis) location accuracy metric and modified the live call reporting rule to require CMRS providers to report on live call use of vertical location technologies.<sup>5</sup> The Commission stated that "reporting on the use of z-axis and floor level technologies in live calls will provide important real-world data on how frequently z-axis and floor level location is provided, the types of technologies being used, and trends in

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<sup>1</sup> 47 CFR § 9.10(i)(3)(ii). The modified information collection requirements addressed by this Public Notice were approved by the Office of Management and Budget under OMB Control No. 3060-1210 on April 9, 2021.

<sup>2</sup> 47 CFR § 9.10(i)(3)(ii)(B)-(C). The Test Cities are Atlanta, Chicago, Denver/Front Range, Manhattan Borough, Philadelphia, and San Francisco, and their surrounding geographic areas. These areas correspond to the six geographic regions specified by the February 7, 2014 Alliance for Telecommunications Industry Solutions (ATIS) Document, "Considerations in Selecting Indoor Test Regions," for testing of indoor location technologies. See 47 CFR § 9.10(i)(1)(vi).

<sup>3</sup> 47 CFR § 9.10(i)(3)(ii)(D)-(E).

<sup>4</sup> *Public Safety and Homeland Security Bureau Provides Guidance to CMRS Providers Regarding Submission of Periodic E911 Location Accuracy Live Call Data Reports*, PS Docket 07-114, Public Notice, 32 FCC Rcd 745 (PSHSB 2017) (*Live Call Reporting Guidance Public Notice*) (providing initial reporting template and guidance on filing reports); *Public Safety and Homeland Security Bureau Provides Guidance to CMRS Providers Regarding Upcoming E911 Indoor Location Accuracy Reporting Requirements*, PS Docket 07-114, Public Notice, 32 FCC Rcd 5584 (PSHSB 2017) (revising reporting template).

<sup>5</sup> *Wireless E911 Location Accuracy Requirements*, Fifth Report and Order and Fifth Further Notice of Proposed Rulemaking, PS Docket 07-114, 34 FCC Rcd 11592, 11614, para. 48 (2019) (*Fifth Report and Order*).

such usage over time.”<sup>6</sup>

To facilitate the required reporting of information on vertical location technology use, the Bureau has revised the live call template to create separate fields for reporting horizontal and vertical technology data.<sup>7</sup> In addition, the revised template includes a separate field for reporting calls for which dispatchable location is provided.<sup>8</sup>

CMRS providers can access the revised reporting template (in Excel format) and accompanying instructions at <https://www.fcc.gov/public-safety-and-homeland-security/policy-and-licensing-division/911-services/general/location-accuracy-indoor-benchmarks>. Providers should use the revised reporting template for all future live 911 call data reports filed after the date of this Public Notice.<sup>9</sup>

For further information regarding this proceeding, contact John A. Evanoff, Policy and Licensing Division, Public Safety and Homeland Security Bureau, at (202) 418-0848 or [John.Evanoff@fcc.gov](mailto:John.Evanoff@fcc.gov).

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<sup>6</sup> *Id.*

<sup>7</sup> See Appendix, Instructions for Nationwide and Non-Nationwide Carrier Aggregate Live 911 Call Data Reports, Sections C.1, C.2.

<sup>8</sup> *Id.*, Section C.3. In addition, the revised template deletes the version of Section D contained in the prior template, which is duplicative of Section C.

<sup>9</sup> Live call data reports are due on the first business day of the second month after the calendar quarter or six-month period for which data is reported. See *Live Call Reporting Guidance Public Notice*, 32 FCC Rcd at 747.