

submitted into www.reginfo.gov per the above instructions for it to be considered. In addition to submitting in www.reginfo.gov also send a copy of your comment on the proposed information collection to Cathy Williams, FCC, via email to PRA@fcc.gov and to Cathy.Williams@fcc.gov. Include in the comments the OMB control number as shown in the **SUPPLEMENTARY INFORMATION** below.

FOR FURTHER INFORMATION CONTACT: For additional information or copies of the information collection, contact Cathy Williams at (202) 418-2918. To view a copy of this information collection request (ICR) submitted to OMB: (1) go to the web page <http://www.reginfo.gov/public/do/PRAMain>, (2) look for the section of the web page called "Currently Under Review," (3) click on the downward-pointing arrow in the "Select Agency" box below the "Currently Under Review" heading, (4) select "Federal Communications Commission" from the list of agencies presented in the "Select Agency" box, (5) click the "Submit" button to the right of the "Select Agency" box, (6) when the list of FCC ICRs currently under review appears, look for the Title of this ICR and then click on the ICR Reference Number. A copy of the FCC submission to OMB will be displayed.

SUPPLEMENTARY INFORMATION: The Commission may not conduct or sponsor a collection of information unless it displays a currently valid Office of Management and Budget (OMB) control number. No person shall be subject to any penalty for failing to comply with a collection of information subject to the PRA that does not display a valid OMB control number.

As part of its continuing effort to reduce paperwork burdens, as required by the Paperwork Reduction Act (PRA) of 1995 (44 U.S.C. 3501-3520), the FCC invited the general public and other Federal Agencies to take this opportunity to comment on the following information collection. Comments are requested concerning: (a) Whether the proposed collection of information is necessary for the proper performance of the functions of the Commission, including whether the information shall have practical utility; (b) the accuracy of the Commission's burden estimates; (c) ways to enhance the quality, utility, and clarity of the information collected; and (d) ways to minimize the burden of the collection of information on the respondents, including the use of automated collection techniques or other forms of information technology. Pursuant to the Small Business Paperwork Relief Act of

2002, Public Law 107-198, see 44 U.S.C. 3506(c)(4), the FCC seeks specific comment on how it might "further reduce the information collection burden for small business concerns with fewer than 25 employees."

OMB Control Number: 3060-0960.

Title: 47 CFR 76.122, Satellite Network Non-duplication Protection Rules; 47 CFR 76.123, Satellite Syndicated Program Exclusivity Rules and 47 CFR 76.124, Requirements for Invocation of Non-duplication and Syndicated Exclusivity Protection.

Form Number: Not applicable.

Type of Review: Extension of a currently approved collection.

Respondents: Business or other for-profit entities.

Number of Respondents and Responses: 1,428 respondents and 9,806 responses.

Estimated Time per Response: 0.5-1 hour.

Frequency of Response: On occasion reporting requirement; Third party disclosure requirement.

Total Annual Burden: 9,352 hours.

Total Annual Costs: No costs.

Obligation to Respond: Required to obtain or retain benefits. The statutory authority for this collection is contained in Sections 4(i), 4(j), 303(r), 339 and 340 of the Communications Act of 1934, as amended.

Needs and Uses: The information collection requirements contained in 47 CFR 76.122, 76.123 and 76.124 are used to protect exclusive contract rights negotiated between broadcasters, distributors, and rights holders for the transmission of network syndicated in the broadcasters' recognized market areas. Rule sections 76.122 and 76.123 implement statutory requirements to provide rights for in-market stations to assert non-duplication and exclusivity rights.

Federal Communications Commission.

Marlene Dortch,

Secretary, Office of the Secretary.

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FEDERAL COMMUNICATIONS COMMISSION

[ET Docket 19-138, DA 22-617; FR ID 92522]

Public Safety and Homeland Security Bureau Seeks Comment on Waiver Requests From Intelligent Transportation System Licensee to Use C-V2X Technology in the 5.895-5.925 GHz Band

AGENCY: Federal Communications Commission.

ACTION: Notice.

SUMMARY: In this Public Notice, the Public Safety and Homeland Security Bureau (Bureau) seeks comment on the filings from the respective Departments of Transportation of the State of Florida and State of Georgia, and State of Maryland State Highway Administration, each requesting a waiver of the Commission's rules to operate roadside units (RSUs) with cellular vehicle to everything (C-V2X)-based technology in the upper 30 megahertz (5.895-5.925 GHz) portion of the 5.850-5.925 GHz (5.9 GHz) band under its Part 90 intelligent transportation system (ITS) license.

ADDRESSES: Federal Communications Commission, 45 L Street NE, Washington, DC 20554.

DATES: Comments are due on or before September 12, 2022 and reply comments are due on or before October 11, 2022.

FOR FURTHER INFORMATION CONTACT: Roberto Mussenden, Senior Attorney, Policy and Licensing Division, Public Safety and Homeland Security Bureau, at Roberto.Mussenden@fcc.gov or (202)-418-1428.

SUPPLEMENTARY INFORMATION: This is a summary of the Commission's *Public Notice*, DA 22-617, released on June 7, 2022. The complete text of this document is available for inspection and copying during normal business hours in the FCC Reference Information Center, 45 L Street NE, Washington, DC 20554. To request materials in accessible formats for people with disabilities (Braille, large print, electronic files, audio format), send an email to FCC504@fcc.gov or call the Consumer & Governmental Affairs Bureau at 202-418-0530 (voice), 202-418-0432 (TTY). Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. See *FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy*, Public Notice, DA 20-304 (March 19, 2020) <https://www.fcc.gov/document/fcc-closes-headquarters-open-window-and-changes-hand-delivery-policy>. During the time the Commission's building is closed to the general public and until further notice.

Synopsis. By this Public Notice (PN), the Public Safety and Homeland Security Bureau (Bureau) seeks comment on the filings from the respective Departments of

Transportation of the State of Florida and State of Georgia, and State of Maryland State Highway Administration, each requesting a waiver of the Commission's rules to operate roadside units (RSUs) with cellular vehicle to everything (C-V2X)-based technology in the upper 30 megahertz (5.895–5.925 GHz) portion of the 5.850–5.925 GHz (5.9 GHz) band under its Part 90 intelligent transportation system (ITS) license. These waiver requests seek operating authority for C-V2X through the streamlined waiver process described by the Commission in its November 20, 2020 *5.9 GHz First Report and Order* and the guidance that the Bureau, in conjunction with the Wireless Telecommunications Bureau (the Bureaus), provided in a subsequent Public Notice, as directed by the Commission.

Guidance PN. Based on the decisions in the *5.9 GHz First Report and Order*, and until the Commission renders a decision on the rule changes proposed in the *Further Notice of Proposed Rulemaking*, the Commission stated that it will permit any existing or future part 90 intelligent transportation system (ITS) licensee to operate C-V2X-based roadside units in the 5.895–5.925 GHz band within their geographic licensing areas by requesting and obtaining a waiver of the Commission's rules, subject to specific conditions. On August 6, 2021, the Bureaus jointly issued the *Guidance PN* detailing the process for such waiver applicants, and providing additional information regarding further waivers that may be required for requesting early deployment of certain other C-V2X operations, and the equipment certification process for C-V2X equipment.

Streamlined Waiver Process for Part 90 Licensees. In the *Guidance PN*, the Bureaus stated *inter alia*, that in order to receive streamlined consideration of a waiver request, consistent with Section 1.925 of the Commission's rules, applicants would need to provide the following certifications:

(1) a certification that there are no existing ITS licensees authorized to operate within the same geographic area

in which the waiver applicant seeks to operate, OR certification that the waiver applicant has coordinated with every existing ITS licensee licensed (in whole or part) within that same geographic area to ensure that the waiver applicant's C-V2X-based roadside unit operations will not interfere with any Dedicated Short Range Communications (DSRC)-based roadside units operating in the 5.895–5.925 GHz band;

(2) a certification that the waiver applicant's C-V2X operations will comply with the existing technical rules (e.g., including, but not limited to, power and out-of-band emission limits) for DSRC-based technologies other than the portion of the current rules requiring use of DSRC-based technologies;

(3) a certification that the applicant's operations will be revised to the extent necessary to comply with any final rules that the Commission adopts for C-V2X operations; and

(4) a certification that the applicant's C-V2X operations will be limited to transportation and vehicle safety-related communications.

General Waiver Process for Part 90 Licensees. Regarding licensees unable to satisfy the streamlined waiver process, in the *Guidance PN*, the Bureaus stated that:

“If an ITS waiver applicant that seeks authority to operate C-V2X-based roadside units or on-board units in the 5.895–5.925 GHz band is unable to comply with the existing ITS technical rules found in 47 CFR 90.371–90.383 or 47 CFR 95.3167–95.3189, respectively, they should include in their general waiver request the certifications from the streamlined waiver process outlined in this PN that they are unable to meet, the specific existing rules that they are unable to comply with, along with a specific proposal of the technical specifications they seek to use instead, and an explanation of why a waiver is warranted under Section 1.925. To facilitate granting of qualifying waiver requests, and in light of the alternate technical specifications proposed in their waiver, we would generally expect the ITS waiver applicant to include a demonstration showing that their requested waiver would not cause a greater potential for interference to other

users operating in the 5.895–5.925 GHz band than DSRC-based operations in this band, and otherwise to address how the public interest would be served by such a waiver under Section 1.925. Based on the proposed change in technical parameters, the waiver request should also address any conditions (e.g., coordination zone radius, per 47 CFR 90.371(b)) necessary to protect Federal Government Relocation Services.”

Equipment Certification Guidance. The Bureaus' *Guidance PN* discussed the need for additional waivers of the FCC's equipment authorization rules to allow for C-V2X on-board units. As noted in the *Guidance PN*, the applicant for equipment certification should identify the specific technical requirements that the C-V2X equipment would meet. In the *Guidance PN*, the Bureaus said:

“The applicant for equipment certification should identify the specific technical requirements that the C-V2X equipment would meet, and explain how those specific technical requirements would be consistent with the associated waiver(s) granted for operation of C-V2X systems in the 5.895–5.925 GHz band. To the extent that the request for waiver of equipment authorization rules to authorize C-V2X-based roadside units or on-board units differs in any respect from the technical rules specified in the Part 90 or Part 95 waiver(s), the application for waiver may require more extensive review, consistent with current practice relating to waiver of equipment authorization rules.”

The Waiver Requests and Supplemental Information. As noted above, the respective state entities each filed an initial request for waiver, and each has subsequently supplemented its request with additional information in support of their requests. Commenters should review each of these requests and supplemental materials for purposes of commenting. Among other things, each state has provided particular technical information on its proposed C-V2X operations. We provide a high-level summary of that information below.

PROPOSED TECHNICAL SPECIFICATIONS IN 5.9 GHZ BAND C-V2X WAIVER REQUESTS

	Current 5.9 GHz ITS requirements (Part 90 Subpart M)	FL DOT waiver request to deploy 4G-LTE C-V2X (call sign WQBS407)	GA DOT waiver request to deploy LTE C-V2X (3GPP Rel. 14) (call sign WRAT914)	MDOT SHA waiver request to deploy 4G-LTE C-V2X (call sign WRKJ514)
Maximum Roadside Unit (RSU) Transmitter Output Power (dBm).	RSU Classes C/D: 20/28.8	Ch. 180: 17; Ch. 181: 17; Ch. 182: 17; Ch. 184: 28.8.	Ch. 180: 22; Ch. 181: 22; Ch. 182: 22; Ch. 184: 22; 5905–5925 MHz: Not given.	Ch. 180: 23; Ch. 181: 23; Ch. 182: 23. 5905–5925 MHz: Not given.
Maximum RSU EIRP* (dBm).	Ch. 180: 23; Ch. 181: 23; Ch. 182: 23; Ch. 184: 33/40.	Ch. 180: 23; Ch. 181: 23; Ch. 182: 23; Ch. 184: 34.8.	Ch. 180: 23/22.8; Ch. 181: 23/22.8; Ch. 182: 23/22.8; Ch. 184: 23/22.8; 5905–5925 MHz: 23/22.8	Ch. 180: 22.6; Ch. 181: 22.6; Ch. 182: 22.6. 5905–5925 MHz: 33.
Transmit Spectrum Mask (Out-of-Band Emissions (OOBE)).	See Table I.8 of IEEE 802.11p-2010.	Stated will comply with existing rules.	Stated will comply with existing rules.	Stated will comply with existing rules. See table below for 5905–5925 MHz.
RSU Antenna Center Line Height Above Roadway Surface.	8 meters or less, with EIRP reduced by a factor of 20 x log(height/8) if antenna center line height is 15 meters or less (but greater than 8 meters).	7.9 meters above ground level (AGL) at all locations.	Less than 8 meters AGL at 114 locations; 8.2 meters AGL at one location with reduced EIRP per 47 CFR § 90.377(b) n.1 to Table.	8 meters AGL (One location specified in ULS waiver application).
Maximum Onboard Unit (OBU) Transmitter Output Power/EIRP (dBm).	Portable: 0/6 Non-portable: 28.8/33 for non-gov., 44.8 for gov.	Not given	Waiver request does not include any OBU deployments.	20/33.

* EIRP (equivalent isotropically radiated power); ** PSD (power spectral density).

MDOT SHA WAIVER REQUEST TO DEPLOY 4G-LTE C-V2X TRANSMIT SPECTRUM MASK (OUT-OF-BAND EMISSIONS (OOBE)) AT 5905-5925 MHZ

Frequency offset from channel edge (MHz)	OOBE PSD offset relative to 33 dBm/20 MHz (or 10 dBm/100 MHz)	OOBE PSD for C-V2X transmissions (dBm/100 kHz)
0.0	-26	-16
1.0	-32	-22
10.0	-40	-30
20.0	-50	-40

Public Comment on Waivers. Prior to evaluating the merits of the instant requests for waivers, and in order to assist in assessing the requests, the Bureau seeks comment on whether the certifications, as supplemented, in the *Waivers* are sufficient to allow the Bureau to make a rigorous evaluation of the requests under the streamlined review process. Under the general waiver process, we seek comment on whether the waiver requests as supplemented contain sufficient information to satisfy the additional requirements set forth in the *Guidance PN* at footnote 10, referenced above, including whether the proposed C-V2X operations would protect others from interference. In addition, we seek comment from manufacturers on equipment authorizations to support the

proposed operations in the instant waiver requests.

Procedural Matters. To develop a complete record on the issues presented by this request, the proceeding will be treated, for *ex parte* purposes, as a “permit-but-disclose” proceeding in accordance with Section 1.1200(a) of the Commission’s rules, subject to the requirements under Section 1.1206(b). Parties should file all comments and reply comments in ET Docket No. 19–138 and clearly indicate to which of the three waivers identified in this *Public Notice* the comments apply (*i.e.*, Florida Department of Transportation, Georgia Department of Transportation, or Maryland State Highway Administration).

Filing Requirements. Parties may file comments, identified by ET Docket No. 19–138, by any of the following methods:

- **Electronic Filers:** Comments may be filed electronically using the internet by accessing the ECFs: <https://www.fcc.gov/ecfs/>.

- **Paper Filers:** Parties who choose to file by paper must file an original and one copy of each filing.

Filings can be sent by commercial courier or by the U.S. Postal Service. All filings must be addressed to the Commission’s Secretary, Office of the Secretary, Federal Communications Commission.

- Commercial deliveries (other than U.S. Postal Service Express Mail and Priority Mail) must be sent to 9050

Junction Drive, Annapolis Junction, MD 20701.

- U.S. Postal Service First-Class, Express, and Priority mail must be addressed to 45 L Street NE, Washington, DC 20554.

- Effective March 19, 2020, and until further notice, the Commission no longer accepts any hand or messenger delivered filings. This is a temporary measure taken to help protect the health and safety of individuals, and to mitigate the transmission of COVID-19. See FCC Announces Closure of FCC Headquarters Open Window and Change in Hand-Delivery Policy, Public Notice, DA 20–304 (March 19, 2020).

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People with Disabilities: To request materials in accessible formats for people with disabilities (braille, large print, electronic files, audio format), send an email to fcc504@fcc.gov or call the Consumer & Government Affairs Bureau at 202–418–0530 (voice), 202–418–0432 (tty).

Federal Communications Commission.

Marlene Dortch,
Secretary.

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