

Federal Communications Commission

**Before the
Federal Communications Commission
Washington, D.C. 20554**

In the Matter of)	
)	
Spectrum Rules and Policies for the Operation of Unmanned Aircraft Systems)	WT Docket No. 22-323
)	
Petition of AIA for Rulemaking to Adopt Service Rules for Unmanned Aircraft Systems command and Control in the 5030-5091 MHz band)	RM-11798 (terminated)
)	

ERRATUM

Released: February 15, 2023

By the Managing Director and the Acting Chief, Wireless Telecommunications Bureau:

On January 4, 2023, the Commission released a Notice of Proposed Rulemaking (*NPRM*), FCC 22-101, in the above-captioned proceeding. To conform to the publishing conventions of the National Archives and Records Administration’s Office of the Federal Register and to correct other minor errors, this Erratum amends **Appendices A and B** of the *NPRM* as indicated below:

1. In paragraph 171, replace “WT Docket No. 22-XX” with “WT Docket No. 22-323”
2. The corrections to **Appendix A** are as follows:
 - a. Above paragraph 1, replace “PART 1 – WIRELESS RADIO SERVICES” with “PART 1 – PRACTICE AND PROCEDURE”
 - b. In Section 1.901, in the title, replace “Basis and Purpose” with “Basis and purpose.”
 - c. In Section 1.907, the corrections are as follows:
 - i) In the title, replace “Wireless Radio Services” with “Definitions.”
 - ii) In the definition of “Private Wireless Services,” replace “and 101” with “and 101 of this chapter”
 - d. In Section 87.3, in paragraph (g), replace “Unmanned Aircraft Systems” with “unmanned aircraft systems”
 - e. In Section 87.18, in paragraph (c), replace “unmanned aircraft operator VHF ground stations” with “Unmanned Aircraft Operator VHF Ground Stations” and delete “of this part”
 - f. In the title of Section 87.49, replace “VHF Station” with “VHF Ground Station”
 - g. In Section 87.49, in the first sentence, replace “FAA” with “Federal Aviation Administration (FAA)”
 - h. Below “PART 88 -UNMANNED AIRCRAFT CONTROL SERVICES”, delete “AUTHORITY: 47 U.S.C. 154(i), 303, 307.”
 - i. Above the second instance of “Subpart A – General Rules,” insert “AUTHORITY: 47 U.S.C. 154(i), 303, 307.”
 - j. In Section 88.1, the corrections are as follows:

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- i) In the first sentence, replace “Unmanned Aircraft Systems” with “unmanned aircraft systems”; and
- ii) In the second sentence, replace “Unmanned Aircraft Systems” with “unmanned aircraft systems”
- k. In the title of Section 88.3, replace “Other Rule Parts” with “other rule parts”
- l. In Section 88.5, the corrections are as follows:
 - i) The definition of “Dynamic Frequency Management System (DFMS)” is moved to follow the definition of “DFMS Administrator”
 - ii) The definition of “Ground station” is moved to follow the definition of “Dynamic Frequency Management System (DFMS)” and revised to read as follows:

“*Ground station.* A land or mobile station not on board a UA that is part of a UAS and for communication with an unmanned aircraft station.”
 - iii) The definition of “Non-networked Access (NNA)” is moved to follow the definition of “NNA user”
 - iv) The definition of “Control and Non-payload Communications (CNPC)” is revised to read as follows:

“*Control and Non-payload Communications (CNPC).* Any unmanned aircraft system (UAS) transmission that is sent to or from the unmanned aircraft (UA) component of the UAS and that supports the safety or regularity of the UA’s flight.”
 - v) In the definition of “DFMS Administrator,” replace “Commission” with “Federal Communications Commission (Commission or FCC)”
 - vi) In the definition of “NNA device,” replace “subparts B and D” with “subparts B and D of this part”
 - vii) In the definition of “NNA user,” replace “subpart B” with “subpart B of this part”
 - viii) In the title of the definition, replace “Unmanned Aircraft” with “Unmanned aircraft”
 - viii) In the title of the definition, replace “Unmanned Aircraft Station” with “Unmanned aircraft station”
 - ix) In the title of the definition, replace “Unmanned Aircraft System” with “Unmanned aircraft system”
- m. In Section 88.27, paragraph (b) is corrected to read as follows:

“NNA devices, including ground stations and unmanned aircraft stations, are licensed by the rules in this part and do not need an individual license issued by the Commission. Even though an individual license is not required, an NNA device licensed by the rules in this part must comply with all applicable operating requirements, procedures, and technical requirements found in this part.”
- n. In the title of Section 88.31, replace “Use” with “use”
- o. Section 88.101 is corrected to read as follows:

“The power of the transmitter is defined as the average envelope measured during the duration of the burst transmission bounded by the first preamble symbol to the last midamble symbol, measured at the transmitter’s radio frequency (RF) output port with a 50 ohm load attached. The power must be determined by direct measurement at the transmitter output terminals. The maximum power of a transmitter must not exceed the values listed in paragraphs (a) and (b) of this section.

- (a) For an Airborne Radio Transmitter:
 - (1) High Power Mode: 10 watts.
 - (2) Low Power Mode: 100 mW.
- (b) For a Ground Radio Transmitter: 10 watts.”
- p. Section 88.105 is corrected to read as follows:

“The assignable emission designators in multiples of 5 kHz up to 500 kHz are as follows:

 - (a) G8D – for data.
 - (b) G8F – for video.”
- q. In Section 88.109, replace “FAA” with “Federal Aviation Administration (FAA)”
- r. In Section 88.113, the corrections are as follows:
 - i) In the title, replace “Safety” with “safety”
 - ii) In the second sentence, replace “Mobile” with “mobile”
- s. In Section 88.115,
 - i) In the title, replace “Reference” with “reference”; and
 - ii) Section 88.115 is corrected to read as follows:

“Certain material is incorporated by reference into this part with the approval of the Director of the Federal Register under 5 U.S.C. 552(a) and 1 CFR part 51. All approved incorporation by reference (IBR) material is available for inspection at the Federal Communications Commission (FCC) and at the National Archives and Records Administration (NARA). Contact FCC at: 45 L Street NE, Reference Information Center, Room 1.150, Washington, DC 20554, (202) 418-0270. For information on the availability of this material at NARA, visit www.archives.gov/federal-register/cfr/ibr-locations.html or email fedreg.legal@nara.gov. The material may be obtained from the following source:

 - (a) RTCA, 1150 18th Street NW, Suite 910, Washington, DC 20036, email: info@rtca.org or <http://RTCA.org>.
 - (1) RTCA-DO-362A, Command and Control (C2) Data Link Minimum Operational Performance Standards (MOPS) (Terrestrial), dated December 17, 2020 (RTCA-DO-362A), IBR approved for § 88.111.
 - (2) [Reserved]
 - (b) [Reserved]”
- t. In Section 88.135, the corrections are as follows:
 - i) In the title, replace “Requirements” with “requirements”
 - ii) In paragraph (a), replace “requests,” with “requests and”
 - iii) In paragraph (c), replace “rule part” with “part”
- u. In the title of Section 88.139, replace “Fees” with “fees”

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3. In **Appendix B**, in paragraph 47, replace “C213” with “C213a” and replace “5040-5050 MHz” with “5030-5091 MHz”.

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Mark Stephens
Managing Director

and

Joel Taubenblatt
Acting Chief, Wireless Telecommunications Bureau