

**Formula One Management, Limited
STA Application VHF and UHF Channels
1922-EX-ST-2023
Frequency Coordination Exhibit
Austin, Texas and Las Vegas, Nevada Formula One
American Grand Prix Automobile Races
October 18, 2023 through November 20, 2023**

This application proposes the use of unoccupied VHF and UHF amateur radio bands, television broadcast/broadcast auxiliary channels, a Part 15 unlicensed band, certain VHF and UHF Federal government allocations, and unlicensed land mobile radio channels in the Austin, Texas area and in Las Vegas in support of the American Grand Prix Formula One automobile race events at the Circuit of the Americas Racetrack and on a street track including part of the Las Vegas Strip. The frequencies will be used for two-way operational communications, security communications, race team communications with race cars, and for video production (wireless microphones and cueing) during the American Grand Prix Formula One automobile race events and for testing prior to both of the events. These are two of the largest open-wheel automobile racing events in the United States and they will have a very large international participation. The Austin, Texas venue has been the site of Formula One racing for the past 10 years, but the Las Vegas race is new to the United States this year. The An engineering analysis has shown that there are no on-air television stations or low-power television stations on the subject television channels within a 50 km radius of the proposed operation area at either venue. However, should any television broadcast station or viewer report interference during the proposed operations, operation on that channel will immediately cease and not resume unless and until the interference complaint is resolved.

This application is essentially identical to those granted by the Commission to Circuit of the Americas, LLC for the same event in Austin, Texas in 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019 and 2021. See, WF9XYP, File Number 0723-EX-ST-2012; WH9XCH, File No. 0951-EX-ST-2013; WH9XYO, File No. 0909-EX-ST-2014, WJ9XCJ, File No. 1056-EX-ST-2015, WK9XIO, File No. 1257-EX-ST-2016 WL9XWU, File No. 1422-EX-ST-2017, WN9XNV, File No. 1576-EX-ST-2018, WP9XMG, File No. 1893-EX-ST-2019, WS9XVD, 1545-EX-ST-2021 and WU9XLQ (Granted to Formula One Management), File No. 1557-EX-ST-2022. There was no race in 2020 due to Covid-19. No interference was reported at any of the prior ten consecutive events whatsoever. This application is similar in terms of frequency bands and technical parameters to those granted by the Commission in WU9XLQ in 2022, WS9XVD in 2021, WP9XMG in 2019, WN9XNV in 2018 and WL9XWU in 2017. There will be local coordination on site with constant monitoring of channels to ensure interference-free operation and interference resolution protocols provided by Clear Call Communications, Inc. of Dallas, Texas at Austin, and by a separate engineering firm for Las Vegas.

As per the instruction of the Commission in prior years, Formula One Management will notch (and will not use) any of the frequencies listed in Special Condition 9 of File No. 1557-EX-ST-2022 at either venue.

No public safety channels listed in or first adjacent to those listed in Section 90.20 of the Commission's Rules will be used whatsoever.

This application also proposes the use of Business/Industrial/Land Transportation land mobile, and Amateur Radio frequencies for video production and for telemetry. The use of amateur allocations in this STA application will be coordinated with the American Radio Relay League, Incorporated and applicable local volunteer frequency coordination entities. Land mobile channels to be utilized within the specified bands during the race event have been or will have been investigated and monitored by Clear Call Communications, Inc. of Dallas, Texas and by the engineering firm retained for local on-site coordination in Las Vegas, and have been or will be found to be unoccupied. The engineering firms will be on site during the race and channel monitoring and on-site frequency coordination will ensure against any interference. Given the location of these events, it is anticipated that no interference will be caused to any Amateur Radio, land mobile or broadcast auxiliary operations. Use of broadcast or broadcast auxiliary channels will be coordinated in advance with the Society of Broadcast Engineers' local frequency coordinator for the Austin, Texas and Las Vegas markets. Upon receipt of any complaint of interference from a licensed Amateur Radio user, land mobile licensee, government entity or broadcast entity (or otherwise), operation pursuant to this STA will cease on the channel or channels complained about and will not resume unless and until the interference complaint is resolved satisfactorily to the licensee.

Communications on site should be directed to Mr. Mike Hamilton of Formula One Management, at +44 (0) 7720 598986. Mr. Hamilton will be the Stop Buzzer contact on-site at both venues, or if a United States mobile contact is called for, undersigned communications counsel is willing to serve as Stop-Buzzer contact, at (301) 351-3795.

All other communications can be directed to the office of counsel for Formula One Management, Limited as follows:

**Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, MD 20904-6011
1-301-384-5525 office telephone
1-301-351-3795 mobile telephone
chris@imlaylaw.com
chris.imlay@gmail.com**