

MRTC Motorsport Communications
MRTC, Ltd.
Application for Special Temporary Authority
File No. 1555-EX-ST-2021

PURPOSE OF STA AND FREQUENCY COORDINATION

The purpose of this STA is to further test a telemetry marshalling system in connection with automobile racing at two different race venues. It is a communications system to send track information to race cars on the track, so as to signal accidents (cautionary “yellow flag” indications, for example) and track conditions for safety purposes for the race cars and drivers. The system is composed of four or five transmitters placed around the race circuit and receivers and receive antennas placed in each race car. It is akin to a “virtual safety car” with data transmissions to the cars. The transmissions are one-way, with no transmitters in the cars. This system is in the developmental stage. The tests will occur at two separate, one-day test sessions, the first in Indiana at the Indianapolis Motor Speedway (one prior test having been already authorized at this location per WS9XMU, File No. 1175-EX-ST-2021 in August of this year); and the second at the Mid-Ohio Sports Car Race Course in Lexington, Ohio. The system will be deployed by a single Race Team, EM Motorsport, and the communications system will be operated on developmental testing basis by, and overseen by, MRTC Motorsport Communications.

The two, separate dates during 2021 when this system will be deployed are October 8, 2021 and October 14, 2021.

The applicant requires one, 24 MHz channel in the 3300-3400 MHz band for data transmission to the race vehicles from the four or five transmitters trackside. The Effective Radiated Power is 100 milliwatts.

The “stop buzzer” contact on site on behalf of the applicant is Mr. Vaifro Dariol, whose mobile number is +44 (0)7917162167.

Other inquiries *and backup “stop buzzer” notifications can be addressed to undersigned counsel* for MRTC Motorsport Communications *using the mobile phone number and other contact information below:*

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Should any interference arise during this experimental operation, all such operation will cease and not resume unless and until the interference is resolved to the reasonable satisfaction of any complainant.