

Aerial Video Systems
Application for Special Temporary Authority
File Number 2308-EX-ST-2023
December 7-11, 2023

Narrative Explanation of Operation

Aerial Video Systems (AVS), a subsidiary of NEP Broadcast Services, is a video production company which is engaged in video and audio production for television shows, sporting events and entertainment events. AVS has been retained by Done & Dusted (a global entertainment group that creates television productions) to provide its services for a television program production at Sloan Park, Mesa, Arizona. All video production events will be within 1 kilometer of coordinates 33° 25' 52" North, 111° 52' 53" West. AVS is a licensee in the Local Television Transmission Service and holds other licenses, but the frequency bands authorized by those licenses do not permit sufficient bandwidth for video production given the nature and location of this event, and given the bandwidth needed for these video production activities during the brief period December 7-11, 2023.

AVS intends to use at this production venue 6 RF cameras using a maximum of 250 milliwatts of transmitter power (and not more than 1W ERP) into an omnidirectional antenna using a 10M0FXW or 10M0D7W emission, in the band 3300-3400 MHz. AVS has no long-term interest in this band. It is developing equipment that could ultimately be used in the General Access portion of the CBRS band at 3650-3700 MHz but that equipment is not now ready for deployment in accordance with Part 96 rules.

Video production will be terrestrial only, at ground level. All operation will be under the direct control of AVS, who will ensure against any interference to any other users of the same or adjacent bands at all times during any STA operation by AVS. AVS will protect any and all United States Government or Amateur Radio spectrum use prior to or during each of the events, and should any interference arise, all AVS operation in this band will cease until resolved to the full satisfaction of the complainant. Prior coordination will occur with the American Radio Relay League, Incorporated through its regulatory affairs office in Connecticut.

The Stop Buzzer contact on site will be Mr. Trevor DeEll, whose phone number is 818-565-2889.

Any other inquiries can be addressed to counsel for the applicant as follows:

Christopher D. Imlay
Booth, Freret & Imlay, LLC
14356 Cape May Road
Silver Spring, Maryland 20904-6011
(301) 351-3795 mobile

(301) 384-5525 office
chris@imlaylaw.com
chris.imlay@gmail.com