

Greg Fredenburg

From: Wayne Morris <5600wayne@gmail.com>
Sent: Friday, November 13, 2020 7:57 AM
To: Greg Fredenburg
Cc: Chriss Brown; 'Hankins, Danny' (dhankins@txtav.com); AFTRCC (Sneyder)
Subject: AFTRCC ICN 1552-20/8563 (Virgin Galactic Exp/Space Vehicle Testing-CA/NM)

[EXTERNAL EMAIL]

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PLEASE NOTE REQUIRED PRE-SCHEDULING NOTES FROM DOD WESTERN AFC
AND
DOD WHITESANDS



Wayne Morris <5600wayne@gmail.com>

Sun, Nov 8, 2:48 PM (5

to usarmy.wsmr.imcom-central.list.dodafc, Jamie

AFTRCC concurs with and requests DoD WSMR AFC and DoD Western AFC concurrence/coordination on the following Experimental request. AFTRCC requests all addresses be included in response.

Applicant:
Virgin Galactic LLC
166 Roadrunner Pkwy
Los Cruces, NM 88011
POC: Gregory Fredenburg (661-221-1805)

Part 1 for WSMR AFC

Location: Spaceport America, NM (32-59-14 N 106-58-37 W)

MIRAD: 115 miles (185 KM)

Maximum flight altitude: 3000,AGL

Station Class: MOEA

Frequency (MHz) / Emission / Power (ERP)
1445.5 3M75G7D 2 watts/8 watts/10 watts
1451.5 3M75G7D 2 watts/8 watts/10 watts
1462.5 3M75G7D 2 watts/8 watts/10 watts
1470.5 3M75G7D 2 watts/8 watts/10 watts
1480.5 3M75G7D 2 watts/8 watts/10 watts

2360-2390 15M6G7D 20 watts

Dates: 2020-11-15 thru 2022-11-15

Part 2 for WAFC

Location: Mojave Spaceport, CA (35-02-54 N 118-08-58 W)

MIRAD: 115 miles (185 KM)

Maximum flight altitude: 3000,AGL

Station Class: MOEA

Frequency (MHz) / Emission / Power (ERP)

1445.5 3M75G7D 10 watts

1451.5 3M75G7D 10 watts

1462.5 3M75G7D 10 watts

1470.5 3M75G7D 10 watts

1480.5 3M75G7D 10 watts

2360-2390 15M6G7D 10 watts

Dates: 2020-11-15 thru 2022-11-15

AFTRCC comments: non-interference basis to current authorizations within radio line of sight.

Mandatory scheduling required for Location 1 and 2.

Please reply via return email as to concurrence, non-concurrence, scheduling requirements to include POC, and any additional comments.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942



Heaton, Jamie CIV USN NAVAIRWARCENWPNDIV (USA)

to Andrew, me

Mon, Nov 9, 9:38 AM (4

Wayne,

WAFC concur with AFTRCC ICN 1552-20/8563 (Virgin Galactic EXP/Space Vehicle Testing-CA/NM), WAFC ctrl nbr 20-955. User regularly schedules and deconflicts via WAFC. That requirement remains in effect.

Thx,

Jamie

Jamie Heaton, CIV

DOD Western Area Frequency Coordinator

M/S 3008 130 Easy Road

China Lake CA 93555

Code 52140MD

Comm: 760-939-683

Austin, Gary L CIV USARMY NETCOM (USA)

to me, USARMY

Thu, Nov 12, 3:10 PM (18 h)

Wayne,

DoD-AFC WSMR concurs providing the Virgin Galactic/Spaceport America stakeholders coordinate and schedule with the White Sands Missile Range.

Coordination Comments:

Operations must be coordinated with the spaceport America, Director of Aerospace Operations, who, in turn, will coordinate operations with WSMR, through the WSMR Liaison to the spaceport.

Coordination Control number WS-20-70.

V/R

Gary Austin

NETCOM G-3/5 CUOPS

Spectrum Coordinator, DoD AFC (WSMR)

White Sands Missile Range, NM

Phone - Comm: (575) 678-3311

Alt Phone: (575) 678-5417

Phone - DSN: 258-3311

NIPR: gary.l.austin.civ@mail.mil

SIPR: gary.l.austin.civ@mail.smil.mil

GROUP E-MAIL: usarmy.wsmr.imcom-central.list.dodaafc@mail.mil

GROUP E-MAIL SIPR: usarmy.wsmr.imcom-central.list.dodaafc@mail.smil.mil

This email is your AFTRCC coordination.

This coordination includes this header information, DOD Area Frequency Coordinator comments and AFTRCC comments. These messages must not be separated.

This coordination is advisory only and not binding on the FCC. Applicants are advised that this coordination does not constitute a judgment that the frequency(ies) is best suited for the applicant's purpose nor that the frequency(ies) is exclusive to the applicant. Flight Test frequencies are shared and may require scheduling with other users.

In return for AFTRCC's processing of the applicant's coordination request, the applicant agrees to release and hold harmless AFTRCC, its officers, directors, agents, members, and representatives from any claims, losses or expenses that may arise from the use of the frequency.

This coordination is not an authorization to transmit. A copy of this coordination must accompany application to the FCC.

Signed:

Wayne Morris

AFTRCC Telemetry Coordinator

903-450-5942