



Rocket Lab USA, Inc.
3881 McGowen Street
Long Beach
California 90808, USA

P: +1 (714) 465 5737
rocketlabusa.com

VIA ECFS

December 23, 2022

Marlene H. Dortch, Secretary
Federal Communications Commission
45 L. Street, N.E.
Washington, DC 20554

Re: Rocket Lab Special Temporary Authorization, File No. 1631-EX-ST-2022

Dear Ms. Dortch:

I am writing on behalf of Rocket Lab, USA Inc. to provide an update to the Special Temporary Authorization (STA) granted to Rocket Lab, file number 1631-EX-ST-2022.

Rocket Lab has an earlier granted Special Temporary Authorization (STA), file number 1084-EX-ST-2022. The Special Conditions update shown below were agreed with the OET and a letter submitted via ECFS dated 7 December 2022.

Rocket Lab requests that the same updates are applied to the 1631-EX-ST-2022 grant. This STA is identical regarding the electron vehicle rocket launch from LC-2 on WFF, Wallops Island.

Special Condition No.3 (previously S.C. 6)

Special Condition No. 3 of the STA provides as follows: "This authorization will expire approximately 3 hours after liftoff of the Electron launch vehicle or 30 April 2023, whichever occurs first." However, as detailed in the trajectory files provided to the U.S. Space Force, Air Force, NASA, and the NOAA required by Special Condition No. 10, the stage 3 transmission will expire after approximately 20,000 seconds (roughly 5.5 hours) when transmissions cease as the launch vehicle's battery life expires. Therefore, the last sentence of Special Condition No. 6 should read: "This authorization will expire approximately 5.5 hours after liftoff of the Electron launch vehicle or 30 April 2023, whichever occurs first."

This update is necessary to allow for authorized transmissions consistent with the launch trajectory and associated mission duration.

Special Condition No.13 (previously S.C. 17)

No. 13: The FCC has orally authorized to proceed on the current basis without further work on our part. The FCC acknowledged that no one could have complied with this condition given the date of the authorization and the FCC staffer added that the FCC "would have never granted" us an authorization if anything in number 17 were really a problem (because NTIA, which oversees government operations, would have vetoed the grant). Joe said they'd make a note in our file to that effect. He added that the FCC may need to consider changes in this standard condition going forward.

Sincerely,

Theresa Van Rooyen

Principal RF Licensing Engineer

ROCKET LAB | rocketlabusa.com