

Explanation of Modification of License 0244-EX-CM-2019

The mission, ANDESITE, was originally licensed with grant 0353-EX-CN-2017, to be launched in 2018. However the license was not received in time and ANDESITE was demanifested. A remanifest was recently obtained to launch from the Rocket Labs New Zealand launch site, into a 585 km circular orbit at 98.6 degrees inclination. The former launch would have been to a 500 km circular orbit at 85 degrees. As before, no deployments will occur until the satellite is at 350 km orbit. A revised ODAR has been submitted.

The earliest possible launch is Nov. 19, 2019. No other parameters of the spacecraft or the experiment have changed from what was originally licensed; all of the technical data is the same as for the original license.

We request the modification be approved before October 1, 2019, to satisfy the requirements of the launch provider.