



Federal Communications Commission
Washington, D.C. 20554

January 10, 2025

VIA ELECTRONIC MAIL

DA 25-35
OET-2025-001

Mr. David Goldman
Vice President, Satellite Policy
Space Exploration Technologies Corp.
David.Goldman@spacex.com

Mr. Thomas Dombrowsky
Vice President Government Affairs
Engineering and Technology Policy
Thomas.Dombrowsky@t-mobile.com

Dear Mr. Goldman and Mr. Dombrowsky:

For the reasons and consistent with the conditions described below, we grant Space Explorations Technologies Corp. (SpaceX) special temporary authority (STA) to allow SpaceX to provide authorized Supplemental Coverage from Space (SCS) service to handsets not yet authorized for part 25 service in the areas affected by wildfires in Southern California. In doing so, we also grant, on our own motion, a waiver of Sections 25.125(c), 25.125(d)(3), and 25.125(e) consistent with the conditions described below, to SpaceX and T-Mobile, as appropriate, to permit handsets not yet authorized for part 25 SCS service consistent with these part 25 rules, to communicate with authorized SpaceX direct-to-cellular-enabled satellites in its second-generation (Gen2) system. The STA and associated waiver are granted through February 9, 2025.

This action responds to SpaceX's request for emergency relief, for 30 days, to use its authorized direct-to-cellular-enabled Gen2 satellites to provide SCS service in the PCS G Block to previously certified Part 24 handsets that have not received approval to operate under a part 25 Mobile-Satellite Service allocation and applicable supplemental coverage rules in the areas affected by wildfires in Southern California. In granting a waiver to T-Mobile, we address the fact that SCS service entails both transmissions from satellites to handsets as well as transmissions from handsets to satellites. Collectively, sections 25.125(c), 25.125(d)(3), and 25.125(e) of the Commission's rules require all handsets, which are considered satellite earth stations in the context of supplemental coverage from space service, to meet equipment authorization requirements and to have obtained a part 25 equipment certification, in compliance with pertinent standards under parts 22, 24, or 27 as applicable, to be eligible to communicate in the SCS service.

Under this waiver, SpaceX and T-Mobile are granted authority to permit SpaceX Gen2 satellites operating in the PCS G Block to connect to non-SCS certified or part 25 certified handsets in the areas affected by wildfires in Southern California. This waiver will benefit the public interest by allowing wireless customers and first responders to send and receive text messages, receive Wireless Emergency Alerts, and send and receive limited data. SpaceX must comply with all other conditions outlined in SpaceX's SCS authorization, DA 24-1193.

In the event that harmful interference to other authorized spectrum users occurs due to transmissions provided under this STA and waiver, SpaceX and T-Mobile must take all necessary efforts

to eliminate the interference. SpaceX will maintain a stop buzzer point of contact at all times for such eventualities at rf_interference@spacex.com.

Accordingly, IT IS ORDERED, pursuant to authority delegated to the Office of Engineering and Technology and the Space Bureau by the Commission, that the STA and waivers of sections 25.125(c), 25.125(d)(3) and 25.125(e) of the Commission's Rules and Regulations, 47 CFR, §§ 25.125(c), 25.125(d)(3) and 25.125(e), ARE HEREBY GRANTED through February 9, 2025.

Sincerely,

A handwritten signature in black ink, appearing to read 'Ira Keltz', with a stylized flourish at the end.

Ira Keltz
Acting Chief
Office of Engineering and Technology

A handwritten signature in black ink, appearing to read 'Kerry Murray', with a stylized flourish at the end.

Kerry Murray
Deputy Bureau Chief and Chief of Staff
Space Bureau