

REQUEST FOR EXTENSION OF SPECIAL TEMPORARY AUTHORITY

Iridium Satellite LLC and Iridium Constellation LLC (collectively, "Iridium"), pursuant to Section 25.120 of the Commission's Rules, hereby request an extension of special temporary authority ("STA") to operate their gateway earth stations located in Tempe, Arizona; Chandler, Arizona; and Fairbanks, Alaska, in the manner identified below.¹ Iridium seeks an extension of 180 days commencing on June 4, 2017.

The STAs Iridium seeks to extend initially were granted for 30 days and then for 180 days.² These STAs authorize Iridium to operate the tracking, telemetry, and command ("TT&C") links at its Tempe, Chandler, and Fairbanks gateway earth stations in accordance with specified parameters during the launch and early operation phase ("LEOP") of its Iridium NEXT constellation.

Launch and early operations are ongoing. When fully deployed, Iridium NEXT will consist of 66 operational satellites plus in-orbit spares. Iridium launched the first ten Iridium NEXT satellites in January, and ten additional satellites are scheduled to be launched in late June.

Iridium's STA extension request is supported by good cause. By granting Iridium's initial STA requests, the Commission already has determined that the operations proposed in this extension request are in the public interest. Grant of an extension will provide continuing authority for these operations while LEOP continues.

Moreover, Iridium demonstrated in its initial STA requests that operating in the manner described therein presents no concerns with interference to the LMDS stations, Fixed Service stations, and Fixed-Satellite Service stations that share Iridium's TT&C/feeder link band. The same will be true of Iridium's operations under the STAs as extended, which will be technically identical to the originally-described operations.

Conclusion

Accordingly, and for good cause shown, Iridium respectfully asks that its STA extension request be granted.

¹ The call signs for these gateway earth stations are E050282, E060300, E960131, and E960244. The licensee of the first three call signs is Iridium Satellite LLC. The licensee of the fourth call sign is Iridium Constellation LLC. This exhibit accompanies separate STA requests that Iridium is filing for each call sign.

² Call sign E960244, SES-STA-20160804-00716; call sign E060300, SES-STA-20160804-00717; call sign E050282, SES-STA-20160804-00718; and call sign E960131, SES-STA-20160804-00719.