

REQUEST FOR EXTENSION OF SPECIAL TEMPORARY AUTHORITY

Iridium Satellite LLC (“Iridium”) hereby requests extension of its experimental Special Temporary Authority issued under Call Sign WE9XPE to continue operation of a transmitter in the manner specified below, for an additional six month period, until November 21, 2011.

Iridium has been using an unlicensed boresight transmitter for testing purposes. The transmitter is positioned in the vicinity of one of Iridium’s gateway earth stations (E960244). The transmitter sends point-to-point test signals to the gateway earth station for brief intervals during periods when the gateway earth station is not otherwise in service. These test signals have enabled Iridium to calibrate a software defined modem that is to be installed on the gateway earth station.

Iridium has had good success with its experimental boresight operations. However, Iridium has not yet concluded its testing and thus requires extension of its Special Temporary Authority to finalize its program of study.

Iridium’s operations had previously been coordinated by Comsearch. Comsearch is preparing a further report, which will indicate extension of the coordination period to coincide with that of these proposed operations. Iridium will submit that further report to the OET as soon as it is available.