

Request to Extend Special Temporary Authority

Space Data Corporation (“Space Data”) requests a six month extension of its Special Temporary Authority (“STA”) to continue to conduct research trials on three frequencies in North Dakota, Texas and Minnesota in order to determine whether the iDEN wireless protocol can operate effectively on Space Data’s SkySite[®] platform network. Space Data was granted an STA (call sign WC9XMQ, File No. 0128-EX-ST-2006) on March 31, 2006 for a period of six months. The STA is set to expire on September 30, 2006. The initial STA request includes all of the necessary technical and other information to support the STA request. Other than the six month extension of the STA, all such information provided in the initial STA request is current and remains unchanged. For the Commission’s convenience, Space Data is attaching all relevant documents and correspondence that were originally attached to the initial STA request.

As further discussed in the initial STA request, Space Data operates an innovative balloon-based telecommunications system currently used to provide advanced messaging and other advanced wireless services. Space Data, with the assistance of Nextel Partners Operating Company, is conducting research trials using commercially available iDEN-based cellular telephones to determine whether iDEN-based telephones can operate on Space Data’s network. A six-month extension of the STA will provide Space Data sufficient time to complete its research trials. If the trials are successful, Space Data would be able to expand its existing operations to include the iDEN wireless protocol and provide customers with additional service choices. Accordingly, grant of this extension request serves the public interest.