

Exhibit A

Application Description

Spacenet Services License Sub, Inc. (“Spacenet”) currently provides data communications networking services throughout the fifty United States, Puerto Rico and the US Virgin Islands to businesses, consumers and the government through the use of Ku-band earth stations and networking equipment. Pursuant to this application, Spacenet seeks to modify the existing fixed earth station authorization call sign E891044 for the 3.7 meter using Fixed Satellite Service (“FSS”) Ku-band earth station antenna manufactured by ASC Signal Corporation (formerly known as Andrew Corporation) as follows:

1. Out of an abundance of caution, Spacenet wishes to include in this authorization a new 3.7 meter antenna model (noted as Site ID “2” and Antenna ID “2’), from the same manufacturer licensed in this authorization, that is electrically identical to the current authorization, which is planned for use under this blanket authorization
2. Increase the earth station transmit EIRP to support larger data rate transmissions while maintaining the antenna input power spectral density at or below levels specified in 47 C.F.R. 25.212
3. Add additional emission designators
4. Add a new remote control point (Spacenet’s Marietta, GA earth station facilities)
5. Request that the limitations on earth station points of communication pursuant to item 2382 in section H, Special and General Provision, be deleted, as explained in more detail below under “Earth Station Points of Communication,” to enable communication with all licensed earth stations

The 3.7 meter ASC Signal antenna is designed to support Spacenet’s data communication services using geostationary FSS Ku-Band satellites. The earth stations transmissions are within the FSS Ku-band 14.0 to 14.5 GHz earth-to-space (earth station transmit) frequency band while the earth stations receive signals are within the 11.7 to 12.2 GHz space-to-earth (earth station receive) frequency band. Spacenet seeks “ALSAT” authorization for all modifications herein to operate on all

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satellites that are licensed by the United States and those satellites that are included on the Federal Communications Commission (“FCC”) Permitted Space Station List. Technical data presented in previous applications for call sign E891044 are hereby incorporated herein by reference and made a part hereof. Spacenet wishes to retain all current authorizations previously granted in the earth station license.

Earth Station Points of Communication

To expand the communication service offerings associated with this authorization, Spacenet plans to use geostationary satellites to communicate with multiple other licensed earth stations. Therefore, Spacenet requests (1) that no limitation be placed on communications with FCC licensed FSS Ku-band earth stations, and (2) that item 2382 in section H, Special and General Provisions be deleted in its entirety.

Public Interest Statement

A grant of this application will serve the public interest by enabling the deployment of advanced FSS Ku-band communication services with higher earth station EIRP, and resulting higher data transmission rates, while maintaining operations at or below antenna input power spectral density and EIRP spectral density regulation limits.

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Summary of Exhibits

The exhibits of this application are summarized below:

Exhibit A – Application Description

This exhibit provides a summary description of the application and the public interest statement.

Exhibit B – Statements Regarding FAA Notification and Access Technique

This exhibit addresses the FAA notification requirement and definition of the TDMA access technique to be used with the 3.7 meter earth stations.

Exhibit C - Radiation Hazard Study

This exhibit contains the Radiation Hazard Study required by the Main Form of FCC Form 312 for the 3.7 meter antenna with Ku-band transmitter power up to 100-watts.

