

## Request for Special Temporary Authorization and Public Interest Statement

WB Holdings 1 LLC (“WildBlue”) seeks special temporary authorization (“STA”) to operate its licensed earth station facilities in Cheyenne, Wyoming (E010151) and Nuevo, California (E040213) at an increased maximum transmit symbol rate of 30 MBd using an emission designation of 30M0G7W. WildBlue requests this STA for a 60 day period commencing on May 23, 2011. WildBlue plans to file a request for regular authority for these modified parameters. As discussed in further detail below, WildBlue requires this STA to operate while the modification applications are pending.

The current EIRP density of 39.7 dBW/4 kHz in the current earth station authorizations will not change. Therefore, the levels of potential interference will not change, and thus no new coordination with adjacent satellites is required. When operating at the 30M0G7W emission designation, the maximum EIRP per carrier of each of the earth station facility would increase to 78.45 dBW. The following sets forth the additional emission designators that are requested for the proposed STA operations:

### Call Sign E010151

| Frequency (GHz) | Polarization | Emission | Tx/Rx | Max EIRP/Carrier | Max EIRP Density | Assoc. Antenna | Modulation Services |
|-----------------|--------------|----------|-------|------------------|------------------|----------------|---------------------|
| 29.25-29.5      | L            | 30M0G7W  | T     | 78.45            | 39.7             | GES-2-A        | PSK, Data, Internet |
| 28.35-28.6      | L            | 30M0G7W  | T     | 78.45            | 39.7             | GES-2-A        | PSK, Data, Internet |
| 29.25-29.5      | R            | 30M0G7W  | T     | 75.45            | 36.7             | GES-2-B        | PSK, Data, Internet |
| 28.35-28.6      | R            | 30M0G7W  | T     | 75.45            | 36.7             | GES-2-B        | PSK, Data, Internet |
| 29.25-29.5      | R            | 30M0G7W  | T     | 78.45            | 39.7             | GES-2-C        | PSK, Data, Internet |
| 28.35-28.6      | R            | 30M0G7W  | T     | 78.45            | 39.7             | GES-2-C        | PSK, Data, Internet |

### Call Sign E040213

| Frequency (GHz) | Polarization | Emission | Tx/Rx | Max EIRP/Carrier | Max EIRP Density | Assoc. Antenna | Modulation Services |
|-----------------|--------------|----------|-------|------------------|------------------|----------------|---------------------|
| 29.25-29.5      | L            | 30M0G7W  | T     | 78.45            | 39.7             | GES-1-A        | PSK, Data, Internet |
| 28.35-28.6      | L            | 30M0G7W  | T     | 78.45            | 39.7             | GES-1-A        | PSK, Data, Internet |
| 29.25-29.5      | L            | 30M0G7W  | T     | 75.45            | 36.7             | GES-1-B        | PSK, Data, Internet |
| 28.35-28.6      | L            | 30M0G7W  | T     | 75.45            | 36.7             | GES-2-B        | PSK, Data, Internet |
| 29.25-29.5      | R            | 30M0G7W  | T     | 78.45            | 39.7             | GES-1-C        | PSK, Data, Internet |
| 28.35-28.6      | R            | 30M0G7W  | T     | 78.45            | 39.7             | GES-1-C        | PSK, Data, Internet |

No other parameters are changed under the requested STA.

WildBlue has been providing high speed internet services to approximately 400,000 subscribers via three Ka band spot beam satellites. The download speeds offered to WildBlue subscribers range from 512 kbit/s and 1 Mbit/s, to a maximum of 1.5 Mbit/s. To satisfy the growth in consumer demand for high-bandwidth consuming applications, WildBlue's parent company, ViaSat, Inc. ("ViaSat") has developed a next-generation Ka band satellite (VIASAT-1) and ground technologies that will make higher speeds and higher quality of service available to the thousands of US satellite Internet subscribers. VIASAT-1 is scheduled to be launched later this year, and the current terrestrial network deployment is well underway.

In advance of the launch of VIASAT-1 and the associated ground network, ViaSat has begun final system testing and optimization of the VIASAT-1 ground network technology using some of the capacity available on the Anik F2 and the WildBlue-1 satellites (both satellites co-located at the 111.1° W.L. orbital slot). This advance testing and optimization is necessary in order to make sure that all the required technologies to provide the higher speed and higher levels of reliability will be ready in advance of the service roll out. These new technologies are quite complex and require extensive testing and optimization to assure the highest quality to subscribers once the service is offered for sale.

WildBlue has determined that modifications to the Cheyenne and Nuevo earth stations are necessary in order to consolidate the use of the spectrum on Anik F2 and WildBlue-1 by existing WildBlue customers to allow more efficient use of the spectrum while the VIASAT-1 ground network tests are being conducted. The more efficient use of spectrum afforded by the higher symbol rate will reduce the potential for service degradation on WildBlue's network as a result of the increased use of satellite capacity during the VIASAT-1 testing. The requested STA is also in the public interest because customers will benefit from expedited delivery of augmented service. Therefore, the requested STA is warranted.