

**EXPLANATION REGARDING EXTENSION OF  
EXPERIMENTAL SPECIAL TEMPORARY AUTHORIZATION**

Aloha Networks, Inc. (“Aloha”) respectfully requests an extension of its Experimental Special Temporary Authorization (“STA”) to continue operating Station WB9XNQ for an additional 180 days.

As more fully explained in Exhibit A to Aloha’s original request for STA, Aloha has developed advanced commercial VSAT services using the ALOHA access protocol. *See* File No. 0327-EX-ST-2001. Aloha has been using its STA to conduct system testing to ensure proper system performance prior to launch of a commercial version of this product. As discussed in Exhibit A to Aloha’s original STA request, Aloha proposed initially to employ a 4.5 meter hub earth station and VSAT terminals with antennas ranging in size from 45 cm to 1.2 meters as remotes collocated at its facilities in San Francisco, California, and eventually to locate 50-250 antennas at positions in the Continental United States (CONUS). Using a moderately large number of distributed remote terminals over an extended period has allowed Aloha to analyze the product’s performance and identify the feasibility of certain remote configurations, and has assisted in the optimization of the design as necessary for the operations contemplated.

Based on its initial test results using its Experimental STA, Aloha anticipated that it would seek a permanent license from the Commission for its operations early this year. Notwithstanding the encouraging results of Aloha’s initial tests, Aloha re-evaluated the system and determined that a 9.2-meter hub earth station antenna, rather than a 4.5 meter antenna, is preferable for Aloha’s long term operations. The 9.2-meter hub station antenna that Aloha used to conduct the additional testing of its system is licensed to SES Americom, Inc. under call sign E920698 and is located at 2823 Grimville Road, Woodbine, Carroll County, Maryland (39-22-33 North Latitude / 77-4-54 West Longitude). Accordingly, Aloha needed to conduct additional testing to ensure that its business plan would operate successfully. Aloha now has an application on file with the FCC for a permanent license (Application id: IB2003001867). Aloha seeks an extension of its Special Temporary Authority to permit Aloha to continue its operations while its permanent license application is pending.

Aloha has expended considerable financial resources in connection with its system testing and planned permanent operations, much or all of which will be lost if its Experimental STA is not extended. Therefore, for good cause shown, Aloha respectfully requests that the Commission extend Aloha’s Experimental STA for an additional 180-day period to allow the Commission time to analyze and approve its application.