

APPLICATION FOR SPECIAL TEMPORARY AUTHORITY

I. Description of Need for STA

Pursuant to Section 5.61 of the Commission's regulations, 47 C.F.R. § 5.61, Eutelsat America Corp. ("EAC") hereby requests a grant of special temporary authority ("STA") to exhibit, demonstrate, and test the operational characteristics of a new earth station terminal manufactured by the Kathrein Group ("Kathrein"), a Germany-based manufacturer of communications equipment and technology. The testing will occur both at a New York teleport owned by Globecom, Inc., ("Globecom")¹ as well as at the annual National Association of Broadcasters Show (the "NAB Show") in Las Vegas, Nevada. Authorization is sought for a period running from April 1, 2014 to April 10, 2014.

The Commission's rules require that requests for STA be filed at least 10 days in advance of proposed operations.² The Commission's rules, however, indicate that an STA request filed less than 10 days from the date of proposed operations may be accepted upon a showing of good cause.³ EAC has good cause to seek an STA less than 10 days before proposed operations in this case because its parent company, Eutelsat S.A., first received the terminals that will be utilized at the NAB Show just yesterday, March 25, 2014. These terminals are unique hybrid terminals and are not readily available from any other source. These terminals received by Eutelsat S.A. in Paris will now be shipped to the United States for use by EAC during the NAB Show.

II. Description of Operation and Purpose of STA

EAC is an indirect subsidiary of Eutelsat S.A., a leading global satellite operator in Europe. Eutelsat S.A. operates a network of 34 satellites providing near-global coverage to a variety of industries. EAC, as Eutelsat S.A.'s American subsidiary, was established to serve the North American market, offering a wide range of broadband and data solutions to support both government and commercial customers.

EAC submits the instant STA request in order to support the testing, exhibition, and small-scale demonstration of a new earth station terminal offered by its parent, Eutelsat S.A.: the Kathrein CS 80. This innovative terminal incorporates technology whereby an electronic feed – a unique low-noise block downconverter (the "Smart LNB") – is connected to a traditional direct-to-home ("DTH") antenna with an embedded transmitter.⁴ The transmitter is based on an open standard and takes advantage of a narrowband return link, optimized for short transmissions of IP packets with low duty cycle.

Operation of the Smart LNB-enabled Kathrein 80 terminal pursuant to the requested STA will involve two steps. First, the terminal will be installed at the New York teleport to validate its functionality and operational characteristics. Once this installation testing is completed and

¹ Eutelsat's parent entity, Eutelsat S.A., uses this teleport pursuant to a services lease with Globecom.

² 47 C.F.R. § 5.61(a)(2).

³ *Id.*

⁴ See Exhibit A for a picture of the Smart LNB-enabled terminal.

the operational characteristics of the terminal are confirmed, EAC will move forward with its next step: exhibition and demonstration of the terminal at the NAB Show in Las Vegas, Nevada. EAC will exhibit the terminal in its booth on the floor of the NAB Show, the world's largest media and entertainment convention involving tens of thousands of attendees. In addition to exhibiting the terminal on the showroom floor, EAC also proposes to operate the terminal on the rooftop of the Las Vegas Convention Center in order to conduct small-scale, limited demonstrations of its operational characteristics. At all times, testing on the rooftop will be conducted under the close supervision of EAC personnel.

The public benefits of this new terminal are numerous. As a result of this cutting-edge technology, Smart LNB-enabled terminals will allow broadcasters to operate an ecosystem of linear television and other "connected TV" services via satellite. Additionally, it will allow broadcasters in the future to extend their service offerings to new domestic applications.⁵ The terminal is a consumer-grade device, intended as a cost-effective solution to provide millions of users with advanced, in-home interactive services based wholly on a satellite infrastructure.

III. Test Frequencies and Coordination

EAC seeks to conduct testing at the specific frequencies identified below:

<i>Frequency Range (MHz)</i>	<i>Function</i>
11,702.00 – 11,738.00	Downlink
6,091.5 – 6,096.5	Uplink

All of these frequencies are designated on a primary basis for use by the fixed-satellite services ("FSS"). Satellite-based connectivity for the terminal will be provided exclusively by the Satmex 6 satellite, which is on the Commission's Permitted Space Station List.⁶ The Satmex 6 is authorized to provide service in these requested bands.⁷

EAC will take all actions necessary to avoid causing interference to licensed users in the C and Ku-bands, and will comply with any and all conditions imposed by the Commission.

IV. Stop Buzzer and Contact Information

The "Stop Buzzer" contact at EAC is Vince Walisko, who will be available 24 hours per day, 7 days per week to cease operations should any reports of harmful interference be received. Vince Walisko can be reached at:

(202) 448-9667 (mobile)
(202) 559-4336 (landline)

⁵ The broad range of services that can be conducted via the Smart LNB terminal includes payment transactions, subscription-based and on-demand services, home automation, pay-per-view, social networking, live show participation, subscription management, and audience measurement. All these services will be conducted using narrowband transmissions.

⁶ See FCC File No. SAT-PPL-20060329-00030, granted Aug. 4, 2006.

⁷ *Id.*

vwalisko@eutelsatamerica.com (email)

For any questions regarding this application, please contact:

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V. Conclusion

For the reasons set forth above, EAC respectfully requests that the Commission expeditiously grant the requested STA in order to facilitate its continued development and implementation of innovative, consumer-oriented antenna terminals.