

Exhibit 1 - Showing of Compliance with Section 25.222

Vizada, Inc.

Application for Modification of License to
Add up to 500 Sea Tel Model 9797 2.4 Meter Ku-band Antennas;
Add up to 500 Intellian Model v60G 0.60 Meter Ku-band Antennas; and
Add up to 500 Intellian Model v80G 0.83 Meter Ku-band Antennas to its
Southbury, CT Teleport ESV Authorization

SES-MOD-20110321-00320

Call Sign WB36

By this application applicant Vizada, Inc. (Vizada) seeks authority to add up to 500 Sea Tel Model 9797 2.4 Meter Ku-band Earth Station on Vessel (ESV) antennas; 500 Intellian Model v60G 0.60 Meter Ku-band ESV Antennas; and 500 Intellian Model v80G 0.83 Meter Ku-band ESV Antennas to its authorization to provide ESV service via its Southbury, CT teleport, call sign KA313. The application requests authority for the remote antennas to communicate via any satellite on the Permitted Space Station List to provide ESV service. These remote ESVs will be located on vessels traveling in U.S. and international waters. They will operate with hub antennas that have already been licensed by the Commission and will be utilized to provide ESV service as previously authorized by the Commission. As with the other antennas previously authorized for ESV service, operation of these antennas will be in full compliance with the requirements of the Commission's ESV regulations as set forth in part 25 of the Rules.

Vizada's Showing of Compliance with Part 25 of the Commission's Rules follows herewith and the exhibits required by Section 25.222 are included as attachments to the application.

Showing of Compliance with Part 25 of the Commission's Rules

Section 25.222

- (a) (1) Comply. See Blaney and Varan Sea Tel Declarations and Exhibits 2, 3 and 4 for the 9797 antenna; see Intellian v60G Declaration and Varan Intellian Declaration and Exhibits 5, 6 and 7 for the v60G antenna; and see Intellian v80G Declaration and Varan Intellian Declaration and Exhibits 8, 9 and 10 for the v80G antenna. The transmitters have off-axis EIRP spectral densities less than or equal to the levels in paragraph 25.222(a)(1)(i)(A) and meet the requirements of 25.222(a)(1)(i)(A-C) with an N value of 1. All are circular ESV antennas so 25.222(a)(1)(i)(D) is not applicable. Exhibits 2, 3 and 4 for the 9797 antenna; Exhibits 5, 6 and 7 for the v60G antenna; and Exhibits 8, 9 and 10 for the v80G antenna provide the detailed demonstration described in paragraph 25.222 (b)(1). The Blaney Sea Tel Declaration and the Intellian Declarations also contain certifications that the antennas comply with the pointing requirement in paragraph

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- 25.222 (a)(1)(ii)(A) and the cessation of emission requirement in paragraph 25.222 (a)(1)(iii)(A).
- (b) (2) Not Applicable.
- (a) (3) Comply. The Vizada Security Officer has authority and ability to cease all emissions from ESVs through the facilities of Vizada's Southbury Teleport. This point of contact is available 24 hours a day, seven days a week by calling +1-301-838-7700.
- (a) (4) Comply. These records are being collected and maintained as specified. Requests to make this data available may be directed to the Vizada Security Officer by calling +1-301-838-7700.
- (a) (5) Comply.
- (a) (6) Comply. The ESVs are controlled by the Hub earth station located at Vizada's Southbury Teleport.
- (a) (7) Comply.
- (b) (1) Comply. The tables described in 25.222(b)(1)(i) are attached with the application as Exhibits 2, 3 and 4 for the 9797 antenna; Exhibits 5, 6 and 7 for the v60G antenna; and Exhibits 8, 9 and 10 for the v80G antenna. Exhibits 2, 5 and 8 provide the detailed demonstration described in paragraph 25.222(b)(1)(i)(A). Exhibits 3, 6 and 9 provide the detailed demonstration described in paragraph 25.222(b)(1)(i)(B). Exhibits 4, 7 and 10 provide the detailed demonstration described in paragraph 25.222(b)(1)(i)(C). The value N described in 25.222(a)(1)(i)(A) is 1. The certifications from the equipment manufacturers stating that the tracking systems meet the pointing and cessation of emission requirements of 25.222(b)(1)(iii) are contained in the Blaney Sea Tel Declaration and the Intellian Declarations
- (b) (2) Not Applicable.
- (b) (3) Comply. See Operations Area Exhibit.
- (b) (4) Comply. The Vizada Security Officer has authority and ability to cease all emissions from ESVs through the facilities of Vizada's Southbury Teleport. This point of contact is available 24 hours a day, seven days a week by calling +1-301-838-7700.
- (b) (5) Comply. See the Radiation Hazard Report Exhibits.
- (c) Comply. For details, please see separately attached "Exhibit Showing Compliance With 25.222(c) and (d) Requirement for Coordination With

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NTIA/IRAC Prior to Operation on Specified Frequencies in Specified Areas Near Protected NASA and NSF Facilities”.

- (d) Comply. For details, please see separately attached “Exhibit Showing Compliance With 25.222(c) and (d) Requirement for Coordination With NTIA/IRAC Prior to Operation on Specified Frequencies in Specified Areas Near Protected NASA and NSF Facilities”.