

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 2.40 Meter Ku-band Antennas;
500 Intellian Model v60G 0.60 Meter Ku-band Antennas;
500 Intellian Model v80G 0.83 Meter Ku-band Antennas;
500 Sea Tel Model USAT-30/3011 0.75 Meter Ku-band Antennas and
500 Thrane & Thrane Model TT-7090A Sailor 900 1.0 Meter Ku-band Antennas;
To Santa Paula, CA Teleport ESV Authorization

SES-MOD-20110629-00765

Call Sign E890649

By this application applicant Vizada, Inc. (Vizada) seeks authority to add up to 500 Sea Tel Model 9797 2.40 Meter Ku-band Earth Station on Vessel (ESV) antennas; 500 Intellian Model v60G 0.60 Meter Ku-band ESV Antennas; 500 Intellian Model v80G 0.83 Meter Ku-band ESV Antennas; 500 Sea Tel Model USAT-30/3011 0.75 Meter Ku-band ESV Antennas and 500 Thrane & Thrane Model TT-7090A Sailor 900 1.0 Meter Ku-band ESV Antennas to its authorization to provide ESV service via its Santa Paula, CA teleport, call sign E890649. The application requests authority for the remote antennas to communicate via any satellite on the Permitted Space Station List (ALSAT) 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 Sea Tel and Varan Vizada Sea Tel declarations and Exhibits 2, 3 and 4 for the 9797 antenna; see Intellian and Varan Intellian declarations and Exhibits 5, 6 and 7 for the v60G antenna; see Intellian and Varan Intellian declarations and Exhibits 8, 9 and 10 for the v80G antenna; see Sea Tel and Hetmanski Vizada USAT-30/3011 declarations and Exhibits 11, 12 and 13 for the USAT-30/3011 antenna; and see Thrane & Thrane and Varan Sailor 900 declarations and Exhibits 14, 15 and 16 for the Sailor 900 antenna. The transmitters all have off-axis EIRP spectral densities less than or equal to the

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- 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; Exhibits 8, 9 and 10 for the v80G antenna; Exhibits 11, 12 and 13 for the USAT-30/3011 antenna; and Exhibits 14, 15 and 16 for the Sailor 900 antenna provide the detailed demonstration described in paragraph 25.222 (b)(1). The Thrane & Thrane, Intellian and Sea Tel declarations also contain the certifications that the antennas comply with the pointing requirement of paragraph 25.222 (a)(1)(ii)(A) and the cessation of emission requirement of paragraph 25.222 (a)(1)(iii)(A).
- (b) (2) Not Applicable.
- (a) (3) Comply. The Vizada Compliance 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 Compliance 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 Santa Paula 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 model 9797 antenna; Exhibits 5, 6 and 7 for the v60G antenna; Exhibits 8, 9 and 10 for the v80G antenna; Exhibits 11, 12 and 13 for the USAT-30/3011 antenna; and Exhibits 14, 15 and 16 for the Sailor 900 antenna. Exhibits 2, 5, 8, 11 and 14 provide the detailed demonstration described in paragraph 25.222(b)(1)(i)(A). Exhibits 3, 6, 9, 12 and 15 provide the detailed demonstration described in paragraph 25.222(b)(1)(i)(B). Exhibits 4, 7, 10, 13 and 16 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 for all. The certifications from the equipment manufacturer stating that the tracking system meets the pointing and cessation of emission requirements of 25.222(b)(1)(iii) are contained in the Thrane & Thrane, Intellian and Sea Tel declarations
- (b) (2) Not Applicable.
- (b) (3) Comply. See Operations Area Exhibit.

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- (b) (4) Comply. The Vizada Compliance Officer has authority and ability to cease all emissions from ESVs through the facilities of Vizada's Santa Paula 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 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".