

### Narrative Description and Public Interest Statement

Pursuant to Sections 25.134 and 25.222 of the Federal Communications Commission Rules (the “Rules”), 47 C.F.R. §§ 25.134, 25.222, Elite Communication Services, Inc. (“Elite”) respectfully seeks a blanket license to operate a Ku-band very small aperture terminal (“VSAT”) network consisting of up to 250 fixed VSAT remote terminals, 250 stabilized earth station onboard vessel (“ESV”) terminals and a gateway earth station located in Opelousas, Louisiana. The proposed Ku-band network will provide broadband satellite communications services to customers in the maritime and oil and gas industries, where alternative communications services are not available. Grant of this application will serve the public interest by enhancing competition and providing critical voice and data services to users in these vital industry sectors.

As part of the proposed Ku-band network, Elite will deploy two types of terminals. The first terminal type is a 1.2 m Prodelin antenna - Model 1134 (the “Prodelin terminal”). Elite seeks authority to operate the Prodelin VSAT antenna as a standard VSAT remote under 47 C.F.R. § 25.134. The Prodelin terminals in this network will be deployed on land and on immobile oil and gas facilities in the Gulf of Mexico. These terminals have been previously licensed by the Commission for use in Ku-band VSAT networks.<sup>1</sup>

The other terminal type associated with the proposed VSAT network is the 83 cm Intellian antenna model v80G (“Intellian v80G”). The Intellian v80G is a 3-axis stabilized antenna that has been previously licensed by the Commission for Ku-band maritime operations.<sup>2</sup> It is the smallest antenna that works without the need for a spread spectrum satellite network and, with a RF performance that is comparable to a 1m antenna, can achieve satellite connectivity speeds from 2Mbps to over 20 Mbps. Elite seeks authority to operate the Intellian v80G antenna under 47 C.F.R. § 25.222 (see Exhibit B, Section 25.222 Compliance). The manufacturer’s Declaration of Conformity and technical demonstrations provided with Exhibit B, Appendix 1 and 2, respectively, have been previously approved by the Commission.<sup>3</sup>

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<sup>1</sup> See, e.g., File No. SES-LIC-20100126-00120.

<sup>2</sup> See, e.g., File No. SES-MOD-20120719-00669.

<sup>3</sup> *Id.*

These remote terminals will be used in concert with a gateway earth station located in Opelousas, LA. The gateway earth station antenna is a 7.6m ASC Signal ES76, which is 47 C.F.R. § 25.209 compliant, and has previously been licensed by the Commission for use with a VSAT network.<sup>4</sup>

With respect to authorized satellite points of communication, Elite seeks authority to operate the Ku-band network with any U.S. licensed satellite and non-U.S. licensed satellite on the Commission's Permitted Space Station List. The attached FCC Form 312, Schedule B and associated exhibits to this application contain the relevant information required under 47 C.F.R. §§ 25.134 and 25.222 of the Commission's Rules. Furthermore, as discussed below, grant of the requested authority is in the public interest.

Elite will provide broadband satellite communications services to a wide array of users, including onshore locations, marine barges and remote oil platforms that may be unable to obtain communications services through alternative facilities. Grant of this application will serve the public interest by providing essential communication services users in the maritime and oil and gas industries for critical operational communications, as well as their personnel in remote locations. Using the stabilized antenna, Elite also will be able to provide service to oil and gas support vessels and other maritime users. Users will be able to utilize high-speed Internet access, corporate VPN, e-mail, voice and other services, including emergency communications to supplement other communications capabilities. Accordingly, Elite respectfully requests that the Commission grant this application expeditiously.

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<sup>4</sup> See, e.g., File No. SES-LIC-20130522-00439.