

date, and estimated date of placement into service.

(13) The polarization information specified in §§ 25.210(a)(1), (a)(3), and (i), to the extent applicable.

(d) The following information in narrative form shall be contained in each application:

(1) General description of overall system facilities, operations and services;

(2) If applicable, the feeder link and inter-satellite service frequencies requested for the satellite, together with any demonstration otherwise required by this chapter for use of those frequencies (see, *e.g.*, §§ 25.203(j) and (k));

(3) Predicted space station antenna gain contour(s) for each transmit and each receive antenna beam and nominal orbital location requested. These contour(s) should be plotted on an area map at 2 dB intervals down to 10 dB below the peak value of the parameter and at 5 dB intervals between 10 dB and 20 dB below the peak values, with the peak value and sense of polarization clearly specified on each plotted contour. For applications for geostationary orbit satellites, this information must be provided in the .gxt format.

(4) A description of the types of services to be provided, and the areas to be served, including a description of the transmission characteristics and performance objectives for each type of proposed service, details of the link noise budget, typical or baseline earth station parameters, modulation parameters, and overall link performance analysis (including an analysis of the effects of each contributing noise and interference source);

(5) Calculation of power flux density levels within each coverage area and of the energy dispersal, if any, needed for compliance with § 25.208; Calculation of power flux density levels within each coverage area and of the energy dispersal, if any, needed for compliance with § 25.208, for angles of arrival other than 5°, 10°, 15°, 20°, and 25° above the horizontal.

(6) Public interest considerations in support of grant;

(7) Applications for authorizations for fixed-satellite space stations shall also include the information specified in § 25.140;

(8) Applications for authorizations in the Mobile-Satellite Service in the 1545–1559/1646.5–1660.5 MHz frequency bands shall also provide all information necessary to comply with the policies and procedures set forth in Rules and Policies Pertaining to the Use

of Radio Frequencies in a Land Mobile Satellite Service, 2 FCC Rcd 485 (1987) (Available at address in § 0.445 of this chapter.);

(9) Applications to license multiple space station systems in the non-voice, non-geostationary mobile-satellite service under blanket operating authority shall also provide all information specified in § 25.142; and

(10) Applications for authorizations in the 1.6/2.4 GHz Mobile-Satellite Service shall also provide all information specified in § 25.143.

(11) In addition to a statement of whether the space station is to be operated on a common carrier basis, or whether non-common carrier transactions are proposed, as specified in paragraph (c)(11) of this section, satellite applications in the Direct Broadcast Satellite service must provide a clear and detailed statement of whether the space station is to be operated on a broadcast or non-broadcast basis.

(12) Applications for authorizations in the non-geostationary satellite orbit fixed-satellite service (NGSO FSS) in the bands 10.7 GHz to 14.5 GHz shall also provide all information specified in § 25.146.

(13) For satellite applications in the Direct Broadcast Satellite service, if the proposed system's technical characteristics differ from those specified in the Appendix 30 BSS Plans, the Appendix 30A feeder link Plans, Annex 5 to Appendix 30 or Annex 3 to Appendix 30A, each applicant shall provide:

(i) The information requested in Appendix 4 of the ITU's Radio Regulations. Further, applicants shall provide sufficient technical showing that the proposed system could operate satisfactorily if all assignments in the BSS and feeder link Plans were implemented.

(ii) Analyses of the proposed system with respect to the limits in Annex 1 to Appendices 30 and 30A.

(e) Applicants requesting authority to launch and operate a system comprised of technically identical, non-geostationary satellite orbit space stations may file a single "blanket" application containing the information specified in paragraphs (c) and (d) of this section for each representative space station.

■ 5. Amend § 25.115 by revising paragraph (a) to read as follows:

§ 25.115 Application for earth station authorizations.

(a) *Transmitting earth stations.* Except as provided under § 25.113(b) of this Chapter, Commission authorization

must be obtained for authority to construct and/or operate a transmitting earth station. Applications shall be filed on FCC Form 312, Main Form and Schedule B, and include the information specified in § 25.130.

(1) Applications for transmitting earth station facilities must be filed electronically through the International Bureau Filing System (IBFS) in all cases where the earth station:

(i) Will transmit in the 3700–4200 MHz and 5925–6425 MHz band, and/or the 11.7–12.2 GHz and 14.0–14.5 GHz band, and

(ii) Will meet all the applicable technical specifications set forth in this part.

(2) Applications for other earth station applications are permitted but not required to be filed electronically. Any party choosing to file an earth station application electronically must file in accordance with the pleading limitations, periods and other applicable provisions of §§ 1.41 through 1.52 of this chapter;

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■ 6. Amend § 25.117 by revising paragraphs (a) and (c), and removing and reserving paragraphs (b) and (e), to read as follows:

§ 25.117 Modification of station license.

(a) Except as provided for in § 25.118 (Modifications not requiring prior authorization), no modification of a radio station governed by this part which affects the parameters or terms and conditions of the station authorization shall be made except upon application to and grant of such application by the Commission.

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(c) Applications for modification of earth station authorizations shall be submitted on FCC Form 312, Main Form and Schedule B. Applications for modification of space station authorizations shall be submitted on FCC Form 312, Main Form and Schedule S. In addition, any application for modification of authorization to extend a required date of completion, as set forth in § 25.133 for earth station authorization or § 25.164 for space stations, or included as a condition of any earth station or space station authorization, must include a verified statement from the applicant:

(1) That states the additional time is required due to unforeseeable circumstances beyond the applicant's control, describes these circumstances with specificity, and justifies the precise extension period requested; or

(2) That states there are unique and overriding public interest concerns that