

Earth Station Modification

By this application, XM Radio LLC (“XM Radio”) seeks to modify the license for its E040204 Satellite Digital Audio Radio Service (“SDARS”) earth station in Ellenwood, Georgia.¹ The modification seeks the following changes with respect to the two identical 7.2 meter antennas licensed under this call sign:

- Authorize the antennas to operate across the full range of SDARS frequencies, 2320-2345 MHz for downlinks and 7025-7075 MHz for uplinks.
- Provide additional emission designators and associated power characteristics.
- Add the designation for the entire SDARS fleet operated by XM Radio and its affiliates, “US LICENSED SIRIUS FM and XM satellites (DARS),” to the points of communication.

An updated coordination report is provided in support of these changes.

XM Radio also requests that the Commission streamline Section D of the E040204 License, which currently lists a number of individual SDARS satellites as authorized points of communication, including some spacecraft that have been retired. As noted above, on the Form 312 Schedule B for this application, XM Radio is adding the catch-all designation for the SDARS fleet as a point of communications. Since that category covers all active SDARS satellites, it is unnecessary for the E040204 License to also identify the satellites currently shown on lines 1-5 of Section D, and those satellite names should be removed from the license.

¹ *XM Radio LLC*, File No. SES-RWL-20190604-00683, granted June 14, 2019 (“E040204 License”).