



PUBLIC NOTICE

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OFFICE OF ENGINEERING AND TECHNOLOGY ANNOUNCES RELEASE OF VERSION 2.1 OF TVSTUDY FOR PROCESSING CONSTRUCTION PERMIT APPLICATIONS FILED WITH THE MEDIA BUREAU IMPLEMENTING THE RESULTS OF THE REPACKING PROCESS

MB Docket No. 16-306
GN Docket No. 12-268

For purposes of the repacking process, the Commission adopted use of new software developed by the Office of Engineering and Technology (OET) (called *TVStudy*) and updated input values.¹ OET releases today a version of the *TVStudy* software (Version 2.1) intended to facilitate the processing of applications that implement the results of the repacking process. For example, Version 2.1 includes an updated “TV Interference Check” mode to help evaluate interference between TV stations, as will be needed for processing anticipated applications for station modifications following the auction. The updated software also includes new map output types and options, support for additional or updated underlying data sources, and several new analysis modes. While Version 2.1 includes changes necessary to facilitate application processing, it is consistent with the version of *TVStudy* being used during the course of the incentive auction.² The full list of features and functions added in *TVStudy* Version 2.1 since the release of *TVStudy* Version 2.0.2, the prior version of *TVStudy*, is included in the attached changelog.³ *TVStudy* Version 2.1 and the software configuration settings for use in processing post-auction TV applications, which are included in a template XML file (January 2017 *TVStudy* Template), are both available on the *TVStudy* website at <http://www.fcc.gov/oet/tvstudy>.

¹ See *Expanding the Economic and Innovation Opportunities of Spectrum Through Incentive Auctions*, Report and Order, 29 FCC Rcd 6567, 6625-42, paras. 127-161 (2014), *aff'd*, *Nat'l Assoc. of Broadcasters, et al v. FCC*, 789 F.3d 165 (D.C. Cir. 2015) (*Incentive Auction R&O*). See also *id.* at 6635, para. 146 (stating that *TVStudy* and the updated input values would be used in the repacking process); *Incentive Auction Second Order on Reconsideration*, 30 FCC Rcd 6746, 6757, para. 22 (2015) (same).

² Version 2.1 of *TVStudy* is not being used during the course of the incentive auction. Rather, the final version of *TVStudy* being used during the course of the incentive auction remains Version 1.3.2 (Patched), which is available on the Commission’s LEARN website at <http://data.fcc.gov/download/incentive-auctions/OET-69/>. See *Office of Engineering and Technology Releases Patch to Final Version of TVStudy*, Public Notice, 30 FCC Rcd 11001 (OET 2015); *Office of Engineering and Technology Releases Final Version of TVStudy and Releases Baseline Coverage Area and Population Served Information Related to Incentive Auction Repacking*, Public Notice, 30 FCC Rcd 6964 (OET 2015).

³ The changelog is also included in the *TVStudy* 2.1 Installation and Upgrade Guide, found on the *TVStudy* website: <https://www.fcc.gov/oet/tvstudy>. In addition, all of the changes to *TVStudy* since version 1.3.2 can be found in the *TVStudy* 2.1 Installation and Upgrade Guide.

OET will continue to make improvements and other changes to *TVStudy* that are necessary and appropriate, and will inform the public via public notice when new versions of *TVStudy* are released. OET welcomes feedback on this software's features and functions.

The Media Bureau will use *TVStudy*, as revised and updated as appropriate by OET, in processing construction permit applications during the 39-month post-auction period the Commission established for reassigned stations to transition to their post-auction channel assignments, to ensure consistency with the requirements and objectives of the transition. In processing applications using *TVStudy*, the Media Bureau will use the same input values adopted in the *Incentive Auction* proceeding,⁴ except that the Media Bureau will continue to afford applicants the flexibility to specify a value for certain inputs, rather than establishing a default value, consistent with the current rules for processing applications.⁵

For further information regarding the *TVStudy* software and to submit bug reports, contact Mark Colombo at (202) 418-7611 or Mark.Colombo@fcc.gov, or Kevin Harding at (202) 418-7077 or Kevin.Harding@fcc.gov.

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⁴ See *Incentive Auction R&O*, 29 FCC Rcd at 6636-42, paras. 148-161; *Incentive Auction Second Order on Reconsideration*, 30 FCC Rcd at 6757-58, paras. 24-26.

⁵ Specifically, while the Commission set a default cell size of 2 km per side for the repacking process, the Media Bureau will continue to allow full-power applicants to use a cell size “other than the default of 2.0 km per side, but only requests for cell sizes of 1.0 km per side or 0.5 km per side will be considered.” Compare 47 CFR § 73.616(e)(1) with *Repacking Data PN*, 28 FCC Rcd 10370 (IATF 2013), Appendix at 6. Also, applicants are not required to use any specific distance between the locations at which they take signal strength measurements. Compare *Amendment of Section 73.622(I) (Dayton, Ohio)*, Report and Order, 29 FCC Rcd 16159 (MB 2014) with *Repacking Data PN*, 28 FCC Rcd 10370, Appendix at 6 (specifying a default value for the repacking process).