

## INSTRUCTIONS FOR FCC FORM 2100, SCHEDULE 381

### PRE-AUCTION TECHNICAL CERTIFICATION FORM

#### GENERAL INSTRUCTIONS

This form must be completed by full power and Class A television licensees with a facility eligible for relinquishment in the broadcast television incentive auction and protection in the repacking process (“Eligible Facility”), as listed in a Public Notice released by the Media Bureau (“Eligibility PN”). See *Expanding the Economic and Innovative Opportunities of Spectrum Through Incentive Auctions*, GN No. 12-268, Report and Order, 29 FCC Rcd 6567, 6651, n. 615 (2014) (“Incentive Auction Report and Order”).

Completion of this form will enable the Commission to ensure the accuracy of the technical data in its database for these Eligible Facilities and facilitate the incentive auction repacking process. *Id.* at 6651, n. 615. Licensees must certify that all information provided on this Form is correct to the best of the licensee’s knowledge.

#### Item 1: Database Certification

The licensee must certify that it has reviewed the authorization for its Eligible Facility as well as the “database technical information” related to the authorization and confirm that all information is correct with respect to actual operations. “Database technical information” includes all underlying technical data that sets forth the operational parameters of the Eligible Facility, including but not limited to technical information that may be found in the Commission’s Consolidated Database System (and its successor the Licensing Management System) and Antenna Registration System (“Database Technical Information”). This Form will prefill with the authorization file number for the Eligible Facility about which the licensee must make its certification.

In making its certification the licensee must either indicate that:

- A. the authorization for the Eligible Facility and all underlying Database Technical Information is accurate and complete, to the best of its knowledge;
- B. the authorization for the Eligible Facility is

inaccurate because of a discrepancy between the authorization and the underlying Database Technical Information on file with the Commission (in which case it must supply an explanatory exhibit); or

- C. it is operating the Eligible Facility with parameters at variance from those specified in its authorization and the database technical information. In this case, the licensee must file an application for modification of its facility (FCC Form 2100, Schedule A) to correct the discrepancy and a request for special temporary authority to operate with parameters at variance pursuant to Section 73.1635 of the Commission’s Rules, 47 C.F.R. § 73.1635. If such application(s) have already been filed, the licensee must supply the file number for the application(s). Note that modifications to the Eligible Facility made to correct unauthorized operations will not be considered in determining the scope of the Eligible Facility’s spectrum usage rights eligible for relinquishment in the broadcast television incentive auction and for protection in the repacking process. The Eligible Facility considered for these purposes will be based on the parameters in the Eligibility PN.

#### Item 2: Information on Eligible Facility

The licensee must provide details concerning the Eligible Facility. Because distributed transmission system (DTS) facilities are comprised of multiple antenna locations, licensees of DTS facilities will need to complete this item for *each* facility that is part of their license authorization.

- A. Transmitter. The licensee must provide information concerning the Eligible Facility’s primary transmitter, including the make and model of the transmitter (exclude all dashes and spaces); the maximum power output capacity of the transmitter according to the manufacturer’s specifications; and transmitter type (tube or solid state). Licensee should provide this information for the main transmitter used in operation of the Eligible Facility.

**B. Antenna.** The licensee must provide information concerning the Eligible Facility's primary antenna including:

- (1) Indicating the type of antenna from the list provided (or, if the type is not listed, selecting "other" and providing an explanatory exhibit);
- (2) Indicating whether its primary antenna is capable of operating on multiple channels (e.g., broadband) and, if so, identifying the frequency range (in megahertz);
- (3) Indicating whether it shares its antenna with another broadcaster(s) and, if so, with whom by listing the facility identification number(s) and call-sign(s) (only valid Facility ID Numbers and Call-Signs will be accepted by the system); and
- (4) Specifying, by choosing all that apply, where the antenna is located on the antenna support structure (or, if none of the options or additional options apply, selecting "other" and providing an explanatory exhibit).

**C. Transmission Line.** The licensee must provide information concerning the Eligible Facility's principal transmission line, which is the line that links the main transmitter to the primary antenna. For purposes of this question the principal transmission line is defined as the part of the transmission line that consists of 90% or more of the entire transmission system. It must identify the type of transmission line and, if "rigid," must select one of the lengths from the options provided. If no single component consists of 90% or more of the entire transmission system, include an explanatory exhibit.

**D. Antenna Support Structure.** For the antenna support structure (e.g., the tower, building, etc.) on which the Eligible Facility's primary antenna is located, the licensee must indicate:

- (1) The year in which a structural analysis was last conducted (or, if no structural analysis has been conducted the licensee must select "other" and provide an exhibit explaining why no analysis has been conducted);
- (2) Under which version of the ANSI/TIA-222 standard "Structural Standards for Antenna Supporting Structures and Antennas" was the last analysis conducted (or, if none of the options apply, the licensee must select "other" and provide an exhibit in which it indicates under which structural analysis, if any, the structure was last analyzed; and
- (3) Whether the antenna support structure on which

its primary antenna is located is owned by the licensee, including any entity under common ownership as the licensee (e.g., a subsidiary or parent company) or leased from a third-party. If the latter, it must provide the name of the lessor.

If the licensee does not own its antenna support structure it may need to contact the structure owner to obtain the information requested in (1) and (2).

#### **FCC NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT AND THE PAPERWORK REDUCTION ACT**

The FCC is authorized under the Communications Act of 1934, as amended, to collect the personal information we request in this form to ensure that all data in the Commission's database is accurate in order to conduct the incentive auction and repacking process. If we believe there may be a violation or potential violation of a FCC statute, regulation, rule or order, your form may be referred to the Federal, state or local agency responsible for investigating, prosecuting, enforcing or implementing the statute, rule, regulation or order. In certain cases, the information in your form may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; (b) any employee of the FCC; or (c) the United States Government is a party to a proceeding before the body or has an interest in the proceeding. In addition, all information provided in this form will be available for public inspection.

If you owe a past due debt to the federal government, any information you provide may also be disclosed to the Department of Treasury Financial Management Service, other federal agencies and/or your employer to offset your salary, IRS tax refund or other payments to collect that debt. The FCC may also provide this information to these agencies through the matching of computer records when authorized.

Your verification of the accuracy of the technical information on file with the Commission and provision of details concerning your Eligible Facility is important in order for the Commission to conduct the incentive auction and repacking process. An incomplete form will not be accepted for filing. An inadvertently accepted form is subject to return. **If a licensee fails to file a complete form prior to the deadline specified in the Eligibility PN, all technical data on file with the Commission related to its Eligible Facility will be considered accurate and will be used to determine the scope of the Eligible Facility's spectrum usage rights eligible for relinquishment in the broadcast television incentive auction and for protection in the repacking process.**

We have estimated that it will take respondents on average 2 hours to complete this collection of information. Our estimate includes the time to read the instructions, look through existing records, gather and maintain the required data, and actually

complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, AMD-PERM, Paperwork Reduction Project (3060-1206), Washington, DC 20554. We will also accept your comments via the Internet if you send them to [Leslie.Smith@fcc.gov](mailto:Leslie.Smith@fcc.gov). Please DO NOT SEND COMPLETED FORMS TO THIS ADDRESS. Remember - you are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection, unless it displays a currently valid OMB control number or if we fail to provide you with this notice. This collection has been assigned an OMB control number of 3060-1206.

**THE FOREGOING NOTICE IS REQUIRED BY THE PRIVACY ACT OF 1974, P.L. 93-579, DECEMBER 31, 1974, 5 U.S.C. § 552a(e)(3), AND THE PAPERWORK REDUCTION ACT OF 1995, P.L. 104-13, OCTOBER 1, 1995, 44 U.S.C. § 3507.**

FOR  
FCC  
USE  
ONLY

### FCC Form 2100, Schedule 381 Pre-Auction Technical Certification Form

FOR COMMISSION USE ONLY  
FILE NO.

Please read the Instructions before filling out the form.

#### 1. Database Certification (select only one)

Licensee hereby certifies that it has reviewed its license authorization/construction permit and underlying Database Technical Information for its Eligible Facility as reflected in File No. \_\_\_\_\_ and

- a. it is accurate and complete to the best of its knowledge.
- b. it is not accurate because of a discrepancy between the license authorization and underlying Database Technical Information.

If (b) is selected, licensee must explain in the exhibit the discrepancies.

Exhibit No.

- c. it is not accurate because the licensee is operating the Eligible Facility with parameters at variance from those specified in the authorization and the Database Technical Information.

If (c) is selected, the licensee must file an application for modification of its facility (FCC Form 2100, Schedule A) to correct the discrepancy and a request for special temporary authority to operate with parameters at variance. If such application(s) has already been filed, the licensee must supply the file number for the application(s): File No(s). \_\_\_\_\_

#### 2. Information on Eligible Facility

For the Eligible Facility indicated in Item 1:

- a. Transmitter. Provide the following information about the main transmitter(s) used by the Eligible Facility for its primary facility:

- (1) Make \_\_\_\_\_
- (2) Model \_\_\_\_\_
- (3) Maximum Power output capacity (in kilowatts) \_\_\_\_\_
- (4) Transmitter type (select one)  
 Tube     Solid State

- b. Antenna. Provide the following information about the Eligible Facility's primary antenna:

- (1) Antenna Type (select one)  
 Slot     Panel     Traveling wave     Spiral     Batwing     Other

[If "Other" is selected, explain in exhibit]

Exhibit No.

(2) Is the primary antenna capable of operating over multiple channels (e.g., broadband)?  Yes  No  
If yes, select the antenna's frequency range (in megahertz): From \_\_\_\_\_ To \_\_\_\_\_

(3) Is the primary antenna shared with another television station?  Yes  No  
If yes, with which station?  
Facility ID Number \_\_\_\_\_ Call Sign \_\_\_\_\_

(4) Antenna Location (Select all that apply):  
 Side Mount  Top Mount  Candelabra  Stacked-Top  Stacked-Bottom  Other  
[If "Other" is selected, explain in exhibit]

Exhibit No.  
[ ]

c. **Transmission Line.** Provide the following information for the Eligible Facility's principal transmission line used to connect its main transmitter to its primary antenna:

(1) Type of transmission line (select one):  Flexible  Rigid  
If rigid, what length sections:  
 20 feet  19.75 feet  19.50 feet  Broadband/Varied Length

[If no single component consists of 90% or more of the entire transmission system, include an explanatory Exhibit.]

Exhibit No.  
[ ]

d. **Antenna Support Structure.** Provide the following information related to the antenna support structure for the Eligible Facility's primary antenna

(1) In what year was the last structural analysis conducted on the structure? (select one)  
 Select Year  Other  
[If "Other" is selected, explain in exhibit]

Exhibit No.  
[ ]

(2) Under what structural standard was the last structural analysis conducted? (select one)  
 TIA 222-Revision F  TIA 222-Revision G  Other  
[If "Other" is selected, explain in exhibit]

Exhibit No.  
[ ]

(3) Does the licensee own this antenna support structure? (select one)  Yes  No  
If no, provide the name of the third-party entity that owns the antenna support structure:  
\_\_\_\_\_