

data, and information about points of communication for transmitters at the particular location. Each Schedule B can hold data for multiple antennas at one location by using additional copies of page 2. For each antenna, Schedule B can hold data for up to four transmitters and/or channels. Additional Schedule Bs may be filed for the same location or antenna if necessary.

#### **SCHEDULE C**

Schedule C is used when site-specific data is required for notifications in the radio services for which spectrum is assigned in channel blocks. One Schedule C must be filed for each location for which data is required. Schedule C provides location data, technical parameters of the facility at the particular location, radial power and antenna height data.

#### **Specific Instructions for Schedule B** **Technical Data - Individual Channel Assignment**

#### **LOCATION**

**Item B1** This item indicates what action the notifier wants the FCC to take in the database with regard to the location specified in items B3-B10. If the notification is for a new location in an existing system or station (i.e. the location does not already exist on any channel in the authorized system or station), the answer to this item is "A". If the location is an existing location in the authorized system or station and the licensee has abandoned or intends to abandon the location completely, the answer to this item is "D". (Also see the instruction for items B11-B14 below.) In all other cases, the answer to this item is "M". If the notifier answers this item "A" and the FCC computer finds an exact match for the location within the system or station, the Schedule B will be processed as if this item had been answered "M". If the notifier answers this item "M" and the FCC computer cannot find an exact match for the specified location within the system or station, the Schedule B will be processed as if this item had been answered "A". If the notifier answers this item "D" and the FCC computer cannot find an exact match for the specified location within the system or station, the Schedule B will not be processed.

**Item B2** This item is the FCC assigned location number for an existing location, or for a new location, a letter (e.g. A, B, C etc).

**Items B3-B10** These items identify the location by its address or, if there is no address, by a brief description of the location such as a distance and direction from known landmarks (e.g. "5 km south of Anytown, US").

**Items B7, B8, B9 and B10** These items are the geographic coordinates of the location. Items B7 and B8 are the North latitude and West longitude, respectively, with reference to the North American Datum of 1927. Items B7 and B8 are required. Items B9 and B10 are the North latitude and West longitude, respectively, with reference to the North American Datum of 1983. Items B9 and B10 are optional, but may assist processing of the Schedule B.

**Items B11-B14** These items key to location data that is to be replaced by the data in items B3-B10 in the data base. The notifier should complete these items only if (1) correcting geographical coordinates or (2) relocating all facilities at the location indicated by these items to the location specified in items B3-B10. The notifier must not complete these items if the intent is to relocate some, but not all, of the facilities at a particular location. (In such a case, the notifier must submit two Schedule Bs with the notification - one to delete the facilities at the previous location and another to add those facilities at the new location.)

#### **SUPPLEMENTARY LOCATION INFORMATION**

**Item B15** This item is optional and concerns proximity of the location to Canada. If the notifier does not know whether the location is North of Line A or East of Line C, this item should be left blank.

**Item B16** This item is optional and concerns proximity of the location to Mexico. If the notifier does not know whether the location within 200 kilometers (124 miles) of the U.S.-Mexico border, this item should be left blank.

**Items B17-B19** These items must be completed only for filings in the narrowband Personal Communications Service (other than nationwide and response channel related filings).

#### **ANTENNA**

**Item B20** This item indicates what action the notifier wants the FCC to take in the database with regard to the antenna specified in items B22-B26. If the filing is for a new antenna (i.e. the antenna does not already exist at this location for any channel in the authorized system or station), the answer to this item is "A". If the antenna is an existing antenna in the authorized system or station and the licensee has abandoned or intends to abandon the antenna completely, the answer to this item is "D". In all other cases, the answer to this item is "M". If the notifier answers this item "A" and the FCC computer finds an exact match for the antenna within the system or station, this portion of the Schedule B will be processed as if this item had been answered "M". If the notifier answers this item "M" and the FCC computer cannot find an exact match for the specified antenna within the system or station, this portion of the Schedule B will be processed as if this item had been answered "A". If the notifier answers this item "D" and the FCC computer cannot find an exact match for the specified antenna within the system or station, this portion of the Schedule B will not be processed.

**Item B21** This item indicates whether the antenna in question is already authorized or whether it is only proposed in a pending application. The notifier must answer this item.

**Item B22** This item indicates the FCC antenna number of the antenna. If the notifier knows this number (which is printed on the authorization), he or she should complete this item.

**Items B23-26** This item describes the antenna by its type, manufacturer and model number, and must be completed for all notifications where a Schedule B is attached, except for those in the Air-ground Radiotelephone Service. Type means a generic description (e.g. collinear vertical, Yagi, panel array). Manufacturer is the name of the company that made the antenna, and model number is the designation that the manufacturer assigns to the antenna. If a polar plot of the antenna horizontal or vertical radiation pattern is required by the pertinent FCC rules, attach as an exhibit such plot (or in the case of electronic or magnetic filing, substitute a table of the polar data for 360° in 5° increments in the format: bearing, gain<sub>dB</sub>), using item number B25A.

**Items B26 & B28** These items report the actual and effective height at which the antenna is mounted. These items must be completed for all notifications where a Schedule B is attached, except for those in the Air-ground Radiotelephone Service.

**Item B27** This item is not used with notifications and should be left blank or omitted.

#### **TRANSMITTERS FOR ANTENNA**

**Item B29** This item is the FCC transmitter number for the transmitter.

**Item B30** This item indicates what action the notifier wants the FCC to take in the database with regard to as many as four transmitters (or channels) associated with the (same) antenna. If the notification is for a new transmitter or channel (i.e. a transmitter or channel that does not already exist for this antenna at this location in the system or station), the answer to this item is "A". If the transmitter or channel already exists for this antenna at this location in the authorized system or

station and the licensee has abandoned or intends to abandon the transmitter or channel completely, the answer to this item is "D". In all other cases, the answer to this item is "M". If the notifier answers this item "A" and the FCC computer finds an exact match for the transmitter or channel for this antenna at this location within the system or station, this portion of the Schedule B will be processed as if this item had been answered "M". If the notifier answers this item "M" and the FCC computer cannot find an exact match for the specified transmitter or channel for this antenna at this location within the system or station, this portion of the Schedule B will be processed as if this item had been answered "A". If the notifier answers this item "D" and the FCC computer cannot find an exact match for the specified transmitter or channel for this antenna at this location within the system or station, this portion of the Schedule B will not be processed.

**Item B31** This item specifies the center frequencies of the channels on which the transmitters operate. The pertinent channel(s) must be specified for each transmitter.

**Item B32** This item requests a four letter code that identifies the transmitter class. The four letter code consists of two letters that conform to the international station classification nomenclature used by the International Frequency Registration Board, followed by two letters that further classify the transmitter by usage. The codes are as follows:

|                            |      |
|----------------------------|------|
| Base .....                 | FBBS |
| Standby .....              | FBST |
| Mobile subscriber .....    | MLSB |
| Dispatch .....             | FXDI |
| Auxiliary test .....       | FXTS |
| Control .....              | FXCT |
| Repeater .....             | FXRP |
| Fixed relay .....          | FXRX |
| Ground .....               | FBGS |
| Air-ground signaling ..... | FBSI |
| Inter-office .....         | FXIO |
| Fixed subscriber .....     | FXSB |
| Central office .....       | FXCO |

**Item B33** This item should be completed only if the notification reports the use of an emission type that is not authorized in the FCC rules for use by all stations in the pertinent radio service, but has already been authorized for use by the station or system to which the notification pertains.

**Item B34** This item reports the maximum effective radiated power (ERP) in any direction on the specified channel. This item must be completed for all transmitter notifications. The answer must be stated in Watts.

#### RADIAL DATA FOR ANTENNA

**Item B35** This item reports the height of the antenna center of radiation above the average terrain elevation (AAT) along each of the eight cardinal radials. This item must be completed for all antenna notifications, except for those in the Air-ground Radiotelephone Service.

**Items B36-B39** These items report the effective radiated power (ERP) for each transmitter or channel in each of the eight cardinal radial directions. These items must be completed for all transmitter notifications, except for those in the Air-ground Radiotelephone Service.

#### POINTS OF COMMUNICATION FOR ANTENNA

**Items B40-B45** These items describe fixed points of communication for (1) stations in the Rural Radiotelephone Service serving individually licensed subscribers, and (2) point-to-multipoint transmitters operating on channels that are assigned only to stations that communicate with four or more points. These items should be completed only by notifiers reporting a relocation of these points of communications and not for any other purpose.

### Specific Instructions for FCC 600 Schedule C Technical Data - Block Channel Assignment

#### LOCATION

**Item C1** This item indicates what action the notifier wants the FCC to take in the database with regard to the location specified in items C3-C10. If the notification is for a new location in an existing system or station (i.e. the location does not already exist in the authorized system or station), the answer to this item is "A". If the location is an existing location in the authorized system or station and the licensee has abandoned or intends to abandon the location completely, the answer to this item is "D". (Also see the instruction for items C11-C14 below.) In all other cases, the answer to this item is "M". If the notifier answers this item "A" and the FCC computer finds an exact match for the location within the system or station, the Schedule C will be processed as if this item had been answered "M". If the notifier answers this item "M" and the FCC computer cannot find an exact match for the specified location within the system or station, the Schedule C will be processed as if this item had been answered "A". If the notifier answers this item "D" and the FCC computer cannot find an exact match for the specified location within the system or station, the Schedule C will not be processed.

**Item C2** This item is the FCC assigned location number for an existing location, or for a new location, a letter (e.g. A, B, C etc).

**Items C3-C6** These items identify the location by its address or, if there is no address, by a brief description of the location such as a distance and direction from known landmarks (e.g. "5 km south of Anytown, US").

**Items C7, C8, C9 and C10** These items are the geographic coordinates of the location. Items C7 and C8 are the North latitude and West longitude, respectively, with reference to the North American Datum of 1927. Items C7 and C8 are required. Items C9 and C10 are the North latitude and West longitude, respectively, with reference to the North American Datum of 1983. Items C9 and C10 are optional, but may assist processing of the Schedule C.

**Items C11-C14** These items key to location data that is to be replaced by the data in items C3-C10 in the data base. The notifier should complete these items only if (1) correcting geographical coordinates or (2) relocating all facilities at the location indicated by these items to the location specified in items C3-C10. The notifier must not complete these items if the intent is to relocate some, but not all, of the facilities at a particular location. (In such a case, the notifier must submit two Schedule Cs with the filing - one to delete the facilities at the previous location and another to add those facilities at the new location.)

#### TECHNICAL PARAMETERS

**Item C15, C16** These items report the actual and effective height at which the antenna is mounted. These items must be completed for all notifications to which Schedule C is attached, except for those in the Air-ground Radiotelephone Service.

**Item C17** This item reports the maximum effective radiated power (ERP) of the facility in any direction. This item must be completed for all transmitter notifications to which Schedule C is attached. The answer must be stated in Watts.

#### RADIAL DATA

**Item C18** This item reports the height of the antenna center of radiation above the average terrain elevation (AAT) along each of the eight cardinal radials. This item must be completed for all notifications to which Schedule C is attached, except for those in the Air-ground Radiotelephone Service.

**Item C19** This item reports the effective radiated power (ERP) in each of the eight cardinal radial directions. This item must be completed for

all notifications to which Schedule C is attached, except for those in the Air-ground Radiotelephone Service.

Item C20 This item reports the calculated radial distance to the service area boundary (SAB) from the specified location. This item is required only for notifications in the Cellular Radiotelephone Service.

Item C21 This item reports the determined radial distance to the Cellular Geographic Service Area (CGSA) from the specified location. This item is required only for notifications in the Cellular Radiotelephone Service.

**FCC 489**

**FEDERAL COMMUNICATIONS COMMISSION**

Approved by OMB  
005-0000  
Expires 06/30/99  
Est. Avg. Burden Hours  
Per Response: 20 Hrs.

**FEE Use Only**

**Notification of Commencement of Service  
or of Additional or Modified Facilities**

Personal Communications Service  
Cellular Radiotelephone Service  
Paging and Radiotelephone Service  
Rural Radiotelephone Service  
Offshore Radiotelephone Service  
Air-ground Radiotelephone Service

File Number  
(FCC Use Only)

**FILING FEE**

| (a) Fee Type Code | (b) Fee Multiple | (c) Fee Due for Fee Type Code in (a) | (d) Total Amount Due | FEE Use Only |
|-------------------|------------------|--------------------------------------|----------------------|--------------|
|                   |                  |                                      | \$                   |              |

**LICENSEE**

|                                                             |  |                                    |               |
|-------------------------------------------------------------|--|------------------------------------|---------------|
| N1. Legal Name of Licensee                                  |  | N2. Voice Telephone Number<br>( )  |               |
| N3. Assumed Name Used for Doing Business (if any)           |  | N4. Fax Telephone Number<br>( )    |               |
| N5. Mailing Street Address or P.O. Box                      |  |                                    |               |
| N6. City                                                    |  | N7. State                          | N8. Zip Code  |
| N9. Name of Contact Representative (if other than licensee) |  | N10. Voice Telephone Number<br>( ) |               |
| N11. Firm or Company Name                                   |  | N12. Fax Telephone Number<br>( )   |               |
| N13. Mailing Street Address or P.O. Box                     |  |                                    |               |
| N14. City                                                   |  | N15. State                         | N16. Zip Code |

**REFERENCE INFORMATION**

|                |                  |                                                    |
|----------------|------------------|----------------------------------------------------|
| N17. Call Sign | N18. File Number | N19. Date of Required Completion (or commencement) |
|----------------|------------------|----------------------------------------------------|

**MARKET / CHANNEL BLOCK**

|                        |                    |                            |                  |
|------------------------|--------------------|----------------------------|------------------|
| N20. Market Designator | N21. Channel Block | N22. Sub-Market Designator | N23. Market Name |
|------------------------|--------------------|----------------------------|------------------|

