

**RADIO ADMINISTRATION**  
**FCC REGULATORY INFORMATION**  
**ESTABLISHING A POINT-TO-POINT MICROWAVE RADIO STATION**  
**PREPARATION OF FCC FORM 436**

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**NOTICE**

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## 1. GENERAL

## PURPOSE

**1.01** This Practice provides instructions for preparing FCC Form 436 which is to be used when applying for a new or modified common carrier microwave radio station license under Part 21 of the FCC Rules and Regulations. This Practice is a companion to Practices 400-520-100 (ESTABLISHING A POINT-TO-POINT MICROWAVE RADIO STATION-GENERAL CONSIDERATIONS), 400-520-101 (ESTABLISHING A POINT-TO-POINT MICROWAVE RADIO STATION-PREPARATION OF FCC FORM 435), and 400-520-102 (POINT-TO-POINT MICROWAVE RADIO STATION-SPECIAL SHOWINGS). Local instructions may have been issued, and if so, should be consulted for specific procedures for processing applications in a particular company. FCC Form 436 may be prepared in an Automated Data Processing Format using the VM/370 program.

**1.02** This Practice is reissued because of the FCC's adoption of amended Rules and Regulations and its adoption of FCC Form 436 as a replacement for FCC Form 403 for license application in the Point-to-Point Microwave Radio, Local Television Transmission, and Multipoint Distribution Services. FCC Form 436 is reproduced herein as Fig. 1. Since the changes to this Practice are extensive, change arrows have been omitted.

## APPLICABLE FCC RULES AND REGULATIONS

**1.03** The Point-To-Point Microwave Radio Service is governed specifically by Part 21, Subpart I, of the FCC Rules and Regulations. The Local Television Transmission Service for which FCC Form 436 is also applicable is governed by Subpart J of Part 21. Those services are further governed by Parts 1, 2, 13, and 17 and by applicable portions of Part 25.

**Note:** In this Practice, where reference is made to a subsection of the FCC Rules and Regulations, it is made in an abbreviated form. For example, a reference to FCC 21.212(b) refers to subparagraph (b) of

paragraph 212 of Part 21 of the FCC Rules and Regulations. This abbreviated form of reference to subsections of the FCC Rules and Regulations should not be used in correspondence with the FCC. In correspondence with the FCC, when reference is made to a specific subsection of the FCC Rules and Regulations, the proper phrasing, e.g., is "pursuant to § 21.25 of the Commission's Rules."

## DESCRIPTION OF PRACTICE

**1.04** This Practice gives instructions for preparing applications required for licensing or modification of license of a Point-to-Point Microwave Radio station. The instructions provided are also applicable to licensing of a station in the Local Television Transmission Service. For applications requiring the use of an FCC Form 436, step-by-step instructions are given for responding to the numbered "Items" on the form and for otherwise completing the application.

**1.05** To illustrate the preparation of License or Modification of License Applications, examples of responses to items on FCC Form 436 have been included as various figures. Encircled numerical notations have been placed on the examples to provide a ready reference to the paragraphs in this Practice which discuss the items on FCC Form 436. In addition, to make the referenced paragraphs stand out, gray shading has been used as a background for the paragraph headings.

**1.06** The response given for one item on FCC Form 436 must agree with the response given to other items on that form. Additionally, the response must also agree with the response given to similar items on companion FCC forms, such as FCC Form 435 (Application For New or Modified Common Carrier Microwave Radio Construction Permit Under Part 21) and FCC Form 430 (Common Carrier Radio Licensee Qualification Report). Consistent responses to these items are essential. The responses given in the examples provided have a gray background to avoid confusion with the printing on the actual form. The responses on these examples are appropriate for the specific set of circumstances for which they were prepared. However, different answers may be required for some items under different conditions. Where practical, examples showing alternative responses have been included. For situations which are



1.02

9. ANTENNA INFORMATION				10. Amount of fee submitted for this application is \$ _____  (See Part 1 of FCC Rules to determine if fee is required.)
(a) Antenna Code	(b) Name of Manufacturer	(c) Type or Model Number	(d) Beam Tilt	

  

11. EXHIBITS (Identify below all exhibits submitted with this application.)	
EXHIBIT NO.	TITLE OF EXHIBIT

  

12. REMARKS

  

**CERTIFICATION OF APPLICANT**

The APPLICANT waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a license in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of his (her) knowledge and belief, and are made in good faith.

WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND IMPRISONMENT  U.S. Code, Title 18, Section 1001  AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT  U.S. Code, Title 47, Section 312(a)(1)

Dated this \_\_\_\_\_ day of \_\_\_\_\_ 19\_\_.

Applicant \_\_\_\_\_  
(must correspond with that shown on page 1)

By \_\_\_\_\_  
(signed) (printed)

Title \_\_\_\_\_  
(position held by person signing for applicant)

Fig. 1—FCC Form 436 (Page 2 of 2)

beyond the scope of these instructions or when assistance is required, refer to local instructions or obtain assistance through appropriate lines of organization.

**1.07** Applications may be submitted on reproduced copies of FCC Form 436 (front only or front and back). It is permissible to preprint such copies with universal application information such as the address of the applicant, and corporate name. See Practice 400-520-100 and local instructions for information about procedures for transmitting applications to the FCC, the number of copies required, and the address to which applications should be sent.

## 2. LICENSE/MODIFICATION OF LICENSE APPLICATION

### GENERAL INFORMATION

**2.01** All applications for License or Modification of License for a Point-to-Point Microwave Radio Station must be submitted on FCC Form 436. FCC forms may be obtained from the Federal Communications Commission, Washington, D. C. 20554 or from any of the FCC's Field Operations Bureau Offices.

**2.02** A separate license application (FCC Form 436) must be submitted for each transmitting site involved and for each construction permit being covered.

**2.03** A License or Modification of License application consists of a completed FCC Form 436 (pages 1 and 2) with those exhibits necessary for support of the application.

**2.04** Near the top center of each attached Exhibit, identify (a) the applicant, (b) service type, (c) station call sign or identify as a passive facility, and (d) station name or location, i.e., city and state. Near the right hand top corner of each page of each Exhibit, identify that Exhibit similar to the illustration of Fig. 2.

**Note:** The character count limitations specified in Practice 400-520-101 for Items 1, 2, 5, 6, 7, 8, and 9 of FCC Form 435 are also applicable to the corresponding items on FCC Form 436.

## PREPARATION OF FCC FORM 436

### A. Name and Address of Applicant (Item 1)

**2.05** ~~Item 1—Company Name and Address~~ Enter the official corporate name of the company and the address to which the FCC should mail the approved authorization (Fig. 3). The company name and address should be identical to that furnished in Item 1 of FCC Form 435 (Construction Permit Application). If it is desired that the authorization be sent to a specific person or title, place, for example, "Attention: AVP Engineering" after address (Fig. 3). In companies where applications are filed by the company headquarters, the address of the headquarters should be entered. In companies whose areas have been authorized to submit applications, the address of the area headquarters should be used. Refer to local instructions for the correct procedure.

### B. Application Code Identification (Item 2)

**2.06** ~~Item 2(a)—Service~~ Enter Code "CF" for stations in the Point-to-Point Microwave Radio Service (Fig. 3). Only one code may be used. The following are the FCC's Service Codes which are applicable to FCC Form 436:

CF—Point-to-Point Microwave Radio Service

CM—Multipoint Distribution Service

CT—Local Television Transmission Service

**2.07** ~~Item 2(b)—Type of Use~~ Enter Code "TE" for Message/Private Line/Data (telephone carriers) (Fig. 3). More than one code may be used on an application. The following are the FCC's Type-of-Use Codes:

TE—Message/Private Line/Data (telephone carriers)

SC—Private Line/Data (non-telephone carriers)

CA—Television Relay for CATV Systems

TV—Television Relay for other than CATV use

OW—Order Wire and Alarm

<span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.04</span>	FCC FORM 436 EXHIBIT E PAGE 1 of 1
THE MOUNTAIN STATES TELEPHONE AND TELEGRAPH COMPANY POINT-TO-POINT MICROWAVE RADIO SERVICE STATION KPX40-ROUNDUP, MT	

Fig. 2—Identification of Exhibit Attached to FCC Form 436

FCC Form 436 September 1975	FEDERAL COMMUNICATIONS COMMISSION Washington, D. C. 20554	Form Approved GAO No. B-180227(R0207)
APPLICATION FOR A NEW OR MODIFIED COMMON CARRIER MICROWAVE RADIO STATION LICENSE UNDER PART 21		
IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING		DO NOT WRITE IN THIS BLOCK
1. Name and post office address of applicant (Give street, city, state & ZIP Code)		File No. Date Filed Applicant Code
South Central Bell Telephone Company <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.05</span></span> 600 North 19th Street Birmingham, Al. 35202 Attn: J. V. Manning - Gen. Mgr. - Eng.		2. See instructions for codes to use
3. This application is number <input type="checkbox"/> of a set of <input checked="" type="checkbox"/> applications. <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.10</span></span>		(a) Service <u>CF</u> <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.06</span></span> (b) Type of Use <u>LF, TV</u> <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.07</span></span> (c) Class of Station <u>FX</u> <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.08</span></span> (d) Nature of Application <u>LF, MP</u> <span style="float: right;"><span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.09</span></span>

Fig. 3—Completed Items 1, 2 & 3 of FCC Form 436

The code or codes entered should include those shown on the construction permit application which is being covered plus those on the existing license. If the application is to modify the license to delete all of the facilities used for a particular category, the applicable code or codes which describes these facilities should be omitted.

**2.08** Item 2(c)—Class of Station: Enter "FX" for Fixed (Fig. 3). Only one code may be used. The following are the FCC's Class of Station Codes:

- FX—Fixed
- TF—Temporary Fixed
- MO—Mobile (TV Pickup)

- DFX—Developmental (Fixed)
- DTF—Developmental (Temporary Fixed)
- DMO—Developmental (Mobile)

The Class of Station Code entered should agree with that on the construction permit being covered or with the Class of Station Code on the existing license.

**2.09** Item 2(d)—Nature of Application: Enter one or more of the following codes as applicable (Fig. 3):

- LF—License to cover construction permit in full.

LP—License to cover construction permit in part.

MC—Modification of license to make corrections.

MD—Modification of license to delete facilities.

MM—Modification of license to change the terms or conditions on a license (e.g., obstruction marking and lighting specifications for antenna supporting structure).

MR—License or modification of license to report changes which can be made without prior authorization (permissible changes) as allowed in Part 21 of the Commission's Rules.

construction permits should be arranged in the same order and assigned the same set number as used on the corresponding construction permit applications (Fig. 3).

**D. Service Test Notification (Item 4)**

**2.11 Item 4(a) License File Number:** Leave blank (Fig. 4) unless the station is already licensed. If the station is already licensed enter the file number of the latest license authorization (Fig. 5).

Also enter "(See Item 12)" if a request for license modification was submitted subsequent to the grant of the license entered in Item 4(a). Item 12 should then include a note stating that a request for license modification was submitted on a specific date, and the applicant is unaware of the status of that application.

**C. Application Number (Item 3)**

**2.10 Item 3—Application Number:** Multiple license applications submitted to cover a set of

**2.12 Item 4(b)—Construction Permit File Number:** Enter the file number of the construction permit being covered.

4. (a) File No. of license being modified (if any): <u>2.11</u>													
(b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:													
CP FILE NO. <u>768-CF-P-75</u> <b>2.12</b>			SERVICE TESTS START DATE <u>July 21, 1975</u> <b>2.13</b>				EIC NOTIFICATION DATE <u>July 14, 1975</u>						
5. TRANSMIT STATION INFO: (a) Station Name (b) St. Addr.													
(c) City			(d) State		(e) County		(f) Call Sign						
(g) Ant. Struc. Ht.			(h) Bldg. Ht.		(i) Ground Elev.		(j) Service Area						
(k) Latitude (l) Longitude													
6. FREQUENCY PATH INFORMATION													
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height	(n) Act. Code

Fig. 4—Completed Item 4 of FCC Form 436 Covering a Construction Permit for a New Station

3. This application is number _____ of _____ applications.													
4. (a) File No. of license being modified (if any): <u>1024-CF-MP-76</u> <b>2.11</b>													
(b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:													
CP FILE NO. <u>3560-CF-MP-76</u> <b>2.12</b>			SERVICE TESTS START DATE <u>June 1, 1976</u> <b>2.13</b>				EIC NOTIFICATION DATE <u>May 25, 1976</u>						
5. TRANSMIT STATION INFO: (a) Station Name (b) St. Addr.													
(c) City			(d) State		(e) County		(f) Call Sign						
(g) Ant. Struc. Ht.			(h) Bldg. Ht.		(i) Ground Elev.		(j) Service Area						
(k) Latitude (l) Longitude													
6. FREQUENCY PATH INFORMATION													
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height	(n) Act. Code

Fig. 5—Completed Item 4 of FCC Form 436 Covering Modified Construction Permit on Presently Licensed Station

**Note:** A modified construction permit supersedes the original construction permit.

When one or more modifications of a construction permit authorization have been granted, enter only the file number of the last such authorization (Fig. 5). Leave blank if FCC Form 436 is not being filed to cover a construction permit (Fig. 6).

**2.13 Item 4(b)—Service Test Start Date and Engineer-In-Charge Notification Date:**

If the application covers a construction permit, enter the date service tests are expected to begin and the date the service test notification was or will be transmitted to the FCC Engineer-In-Charge (Fig. 4 and 5). Leave blank if the application does not cover a construction permit but is being submitted as a request for modification of license (Fig. 6).

**E. Transmit Station Information (Item 5)**

**2.14 Item 5(a) through (e)—Station Name and Location:**

If the license application is to cover a construction permit, the responses given should agree with the information included in Items 5(a) through 5(e) of FCC Form 435 of the outstanding construction permit or modification of CP (Fig. 7). If the application is to change or correct data on a license, the responses should agree with the data of the latest license except that the new or corrected data should be included in the appropriate sub-item. Those changes or license corrections related to 5(a) through 5(e) should be explained under Item 12 (Remarks) of FCC Form 436.

**2.15 Item 5(f)—Call Sign:** Enter Call Sign assigned to the station (Fig. 7 and 8).

**2.16 Item 5(g) through (l)—Antenna Structure Information and Coordinates of the Station Location:**

Complete 5(g) through 5(l) regardless of the nature of application code entered in Item 2(b) (Fig. 7). When a license application is filed (to cover a construction permit or to modify an existing license) and previously filed data is being modified or corrected, the new data should be entered into the appropriate sub-item (Fig. 8) and explained under Item 12 (Remarks) of FCC Form 436. Changes/corrections in Items 5(g) through 5(i) will necessitate the submittal of a new antenna profile sketch as an attached exhibit. Changes/corrections in Items 5(k) and 5(l) will necessitate the submittal of a topographic map as an attached exhibit. If the changes or corrections in Items 5(g) through 5(l) require notification to the Federal Aviation Administration (FAA), the applicant should, in Item 12 (Remarks) of FCC Form 436, provide the identical information required by Item 15 of FCC Form 435 (see Practice 400-502-101) or, if available, the applicant should submit, as Exhibit F, a copy of the FAA's study regarding the potential hazard to aviation which may result from the change/correction.

**F. Frequency Path (Item 6), Receive Station (Item 7), Transmitter (Item 8), and Antenna Information (Item 9)**

**2.17** FCC Form 436 submitted to cover construction permits which were granted as a result of filing FCC Form 435 or which are submitted as an application for modification of license should respond to Items 6 through 9 as follows.

of a set of

4. (a) File No. of license being modified (if any): <u>428-CP-ML-75</u> <b>2.11</b>											
(b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:											
CP FILE NO. <b>2.12</b>			SERVICE TESTS START DATE <b>2.13</b>						EIC NOTIFICATION DATE		
5. TRANSMIT STATION INFO: (a) Station Name (b) Sr. Addr. (c) City (d) State (e) County (f) Call Sign											
(a) Ant. Struc. Ht.		(h) Bldg. Ht.		(i) Ground Elev.		(j) Service Area					
(a) Station Name	(b) State	(c) Call Sign	(d) Type Fac.	(e) Path Dist. (KM)	(f) Path Azimuth	(g) Latitude	(h) Longitude	(i) Ground Elevation	(j) Struct. Height	(k) Bldg. Height	(l) Act. Code

Fig. 6—Completed Item 4 of FCC Form 436—Modification of License Request—Service Test Not Applicable

3. This application is number \_\_\_\_\_ of a set of \_\_\_\_\_ applications.

4. (a) File No. of license being modified (if any): 451-CF-ML-76  
 (b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:

CP FILE NO. <u>3553-CF-MP-76</u>	SERVICE TESTS START DATE <u>June 1, 1976</u>	EIC NOTIFICATION DATE <u>May 25, 1976</u>
-------------------------------------	---	--

5. TRANSMIT STATION INFO: (a) Station Name St. Ignace (b) St. Addr. 327 POND STREET  
 (c) City St. Ignace **2.14** (d) State MI (e) County MACKINAC (f) Call Sign KQE78  
 (g) Ant. Struc. Ht. 365 (h) Bldg. Ht. \_\_\_\_\_ (i) Ground Elev. 653 (j) Service Area \_\_\_\_\_ **2.15**  
 (k) Latitude 45-51-14 (l) Longitude 84-42-56

6. FREQUENCY PATH INFORMATION

(a) Frequency & Polarization	(b) Xmit. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas			Receiving Antennas			(n) Act. Code	
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height		(l) Diversity Code

Fig. 7—Completed Items 4 and 5 of FCC Form 436 Covering Modification of Construction Permit, No Change/Correction in Item 5(g) Thru 5(l)

3. This application is number \_\_\_\_\_ of a set of \_\_\_\_\_ applications.

4. (a) File No. of license being modified (if any): 3271-CF-ML-75  
 (b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:

CP FILE NO. <u>334-CF-P-76</u>	SERVICE TESTS START DATE <u>June 4, 1976</u>	EIC NOTIFICATION DATE <u>May 28, 1976</u>
-----------------------------------	---	--

5. TRANSMIT STATION INFO: (a) Station Name White Oak Mtn. (b) St. Addr. 3.1 MILES SW  
 (c) City Georgetown **2.14** (d) State IN (e) County HAMILTON (f) Call Sign KI453  
 (g) Ant. Struc. Ht. 243 (h) Bldg. Ht. \_\_\_\_\_ (i) Ground Elev. 1270 (j) Service Area \_\_\_\_\_ **2.15**  
 (k) Latitude 35-14-43 (l) Longitude 84-58-32 **2.16**

6. FREQUENCY PATH INFORMATION

(a) Frequency & Polarization	(b) Xmit. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas			Receiving Antennas			(n) Act. Code	
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height		(l) Diversity Code

Fig. 8—Completed Items 4 and 5 of FCC Form 436 Covering Construction Permit—Correction in Ground Elevation (1260 to 1270 AMSL)

**Coverage of Construction Permit in Full (Code LF)**

When an application for license is being filed to cover a construction permit in full and as granted, leave Items 6 through 9 blank.

**Coverage of Construction Permit in Full in Conjunction with Notification of Permissible Changes (Codes LF & MR)**

2.18 If the application is to cover a construction permit in full and changes or corrections permitted by the FCC Rules are also involved, Items 6 through 9 should be completed as though the changes or corrections had been proposed in a construction permit application on FCC Form 435. For example, if a transmitter is changed on a permissible basis, complete Items 6 through 9 as

you would for a construction permit application proposing a transmitter replacement. Under Item 12 (Remarks) of FCC Form 436 explain the permissible changes.

**Note:** Permissible equipment changes, i.e., changes which can be made without prior authority from the FCC, are defined in Part 21 of the FCC Rules and Regulations.

**Coverage of Construction Permit in Part (Code LP)**

2.19 If the application is to cover a construction permit in part and does not include changes or corrections permitted by the FCC Rules, Items 6 through 9 should be completed in the same manner that the construction permit application was completed, but enter only the information for

Page 10 missing. Please contact TCI or Sam Etlar if you have it.

Potterville, MI. (KQA43)

FCC Form 436 September 1975	FEDERAL COMMUNICATIONS COMMISSION Washington, D. C. 20554	Form Approved GAO No. B-180227(R0207)											
APPLICATION FOR A NEW OR MODIFIED COMMON CARRIER MICROWAVE RADIO STATION LICENSE UNDER PART 21													
<span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.21</span>													
IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING		DO NOT WRITE IN THIS BLOCK											
1. Name and post office address of applicant (Give street, city, state & ZIP Code)  Michigan Bell Telephone Company District Engineering Manager Radio Transmission 23500 Northwestern Hwy., Rm. E-153 Southfield, Michigan 48075		File No. Date Filed Applicant Code  2. See instructions for codes to use  (a) Service <u>CF</u> (b) Type of Use <u>TE</u> (c) Class of Station <u>FX</u> (d) Nature of Application <u>NO</u>											
3. This application is number <u>1</u> of a set of <u>1</u> applications.													
4. (a) File No. of license being modified (if any): <u>3041-CF-MI-75</u> (b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:													
CP FILE NO.	SERVICE TESTS START DATE	EIC NOTIFICATION DATE											
5. TRANSMIT STATION INFO: (a) Station Name: <u>Potterville</u> (b) St. Addr. <u>E. M. NE of</u> (c) City <u>Potterville</u> (d) State <u>MI</u> (e) County <u>Eaton</u> (f) Call Sign <u>KQA 43</u> (g) Ant. Struc. Ht. <u>320</u> (h) Bldg. Ht. <u>xxx</u> (i) Ground Elev. <u>090</u> (j) Service Area (k) Latitude <u>42-38-44</u> (l) Longitude <u>84-42-28</u>													
6. FREQUENCY PATH INFORMATION													
(a) Frequency & Polarization	(b) Xmtr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas				Receiving Antennas				(n) Ant. Code
					(f) Primary Code	(g) Height	(h) Diversity Code	(i) Height	(j) Primary Code	(k) Height	(l) Diversity Code	(m) Height	
<u>6034.2 H</u>	<u>1</u>	<u>St. Johns</u>											
<u>6093.5 H</u>	<u>1</u>	<u>St. Johns</u>											
<u>6152.8 H</u>	<u>1</u>	<u>St. Johns</u>											
7. RECEIVE STATION INFORMATION													
(a) Station Name	(b) State	(c) Call Sign	(d) Type Fac.	(e) Path Dist. (KM)	(f) Path Azimuth	(g) Latitude	(h) Longitude	(i) Ground Elevation	(j) Struct. Height	(k) Bldg. Height	(l) Ant. Code		
<u>St. Johns</u>	<u>MI</u>	<u>KOK33</u>	<u>IS</u>										
8. TRANSMITTER INFORMATION													
(a) Xmtr. #	(b) Xmtr. Code	(c) Qty.	(d) Name of Manufacturer	(e) Type or Model Number	(f) Power Output	(g) Emission Designator	(h) Freq. Stability	(i) Module Code	(j) Act. Code				
<u>1</u>	<u>2P7D02</u>	<u>3</u>	<u>Western Electric</u>	<u>TM-1</u>	<u>02</u>	<u>2800F9</u>	<u>02</u>	<u>2P7D01</u>	<u>0</u>				
	<u>2P7M01</u>	<u>3</u>	<u>Western Electric</u>	<u>TM-A</u>	<u>2.0</u>	<u>2800F9</u>			<u>0</u>				

Fig. 9—Deletion of Point of Communications (Page 1 of 2)

9. ANTENNA INFORMATION				10. Amount of fee submitted for this application is \$ <u>0.00</u>  (See Part 1 of FCC Rules to determine if fee is required.)
(a) Antenna Code	(b) Name of Manufacturer	(c) Type or Model Number	(d) Beam Tilt	

  

11. EXHIBITS (Identify below all exhibits submitted with this application.)	
EXHIBIT NO.	TITLE OF EXHIBIT

  

12. REMARKS  <div style="border: 1px solid black; padding: 5px; margin: 10px 0;">                     This application deletes St. Johns (KOK 37) as a point of communications for Pottersville (KQA43).                 </div> <div style="text-align: center; margin: 20px 0;"> <span style="border: 1px solid black; border-radius: 50%; padding: 5px 15px;">2.21</span> </div>
--

  

CERTIFICATION OF APPLICANT	
The APPLICANT waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a license in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of his (her) knowledge and belief, and are made in good faith.	
<div style="border: 1px solid black; padding: 5px; margin: 10px 0;">                     WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND IMPRISONMENT U.S. Code, Title 18, Section 1001 AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT U.S. Code, Title 47, Section 312(a)(1)                 </div>	<div style="text-align: right; margin-bottom: 10px;"> <span style="border: 1px solid black; border-radius: 50%; padding: 2px 10px;">2.30</span> </div> Dated this <u>14th</u> day of <u>FEBRUARY</u> 19 <u>77</u> Applicant <u>MICHIGAN BELL TELEPHONE COMPANY</u> <small>(must correspond with that shown on page 1)</small> By <u>L. W. BROWN</u> <span style="margin-left: 50px;">L. W. BROWN</span> <small>(signed) (printed)</small> Title <u>DISTRICT ENGINEERING MGR - RADIO TRANSMISSION</u> <small>(position held by person signing for applicant)</small>

Fig. 9—Deletion of Point of Communications (Page 2 of 2)

**2.22 Deletion of Frequencies:** When filing a modification of license application to delete frequencies, the application is filed against the transmit station from whose license the frequencies are to be deleted. Complete FCC Form 436 as follows:

- Items 1 through 5(1)—Complete in accordance with paragraphs 2.05 through 2.16 of this Practice.

- Item 6—Complete Items 6(a) (list all frequencies to be deleted) through 6(c). Complete Item 6(d) only if the transmitter which is shown in 6(b) as being deleted was utilized in one of the following configurations:

[Code for Entry in 6(d) if applicable]

- |   |    |
|---|----|
| ● Power Split -                               | PS |
| ● Hot Standby -                               | HS |
| ● Protected Configuration -<br>(Phase Locked) | PC |
| ● Power Split, Hot Standby                    | PH |
| ● Power Split, Protected -<br>Configuration   | PP |
| ● Cold Standby -                              | CS |

Leave Items 6(e) through 6(m) blank. Place a D in 6(n).

**Note:** Items 6(f) through 6(m) should be completed only if associated antennas are being deleted.

- Item 7—Complete Items 7(a) through 7(d). Leave 7(e) through 7(k) blank. Place an M in Item 7(l).
- Item 8—Complete Items 8(a) through 8(i). Place a D in Item 8(j).
- Item 9—Identify any antennas listed in Item 6 as being deleted by completing 9(a), 9(b), and 9(c).

Figure 10 provides an example of an application to delete frequencies.

**Modification of License for Notification of Permissible Changes (Code MR)**

**2.23** Complete Items 6 through 9 in the same manner as the proposed change would be shown by the filing of FCC Form 435 (See Practice 400-520-101). The permissible changes should be explained in Item 12 (Remarks) of FCC Form 436. (See Note in 2.18)

**Modification of License to Make Corrections (Code MC)**

**2.24** Complete Items 6 through 9 in the same manner as the proposed corrections would be shown by the filing of FCC Form 435 (See Practice 400-520-101). These corrections should be explained in Item 12 (Remarks) of FCC Form 436. A completed FCC Form 435 describing the corrections should also be submitted simultaneously with the FCC Form 436 if the corrections would constitute

WinchesterA (K1V62)

FCC Form 436 September 1975	FEDERAL COMMUNICATIONS COMMISSION Washington, D. C. 20554	2.22	Form Approved GAO No. B-180227/R0207											
<b>APPLICATION FOR A NEW OR MODIFIED COMMON CARRIER MICROWAVE RADIO STATION LICENSE UNDER PART 21</b>														
<i>IMPORTANT: READ INSTRUCTIONS BEFORE COMPLETING</i>		<b>DO NOT WRITE IN THIS BLOCK</b>												
		File No. _____ Date Filed _____ Applicant Code _____												
1. Name and post office address of applicant (Give street, city, state & ZIP Code) South Central Bell Telephone Company Attention: Mr. J. V. Manning General Manager - Engineering 600 North 19th Street Birmingham, Alabama 35202		2. See instructions for codes to use (a) Service <u>CF</u> (b) Type of Use <u>FF</u> (c) Class of Station <u>FX</u> (d) Nature of Application <u>NO</u>												
3. This application is number <u>1</u> of a set of <u>1</u> applications.														
4. (a) File No. of license being modified (if any): <u>1723-CI-MI-70(5629-CI-R-75)</u> (b) If a construction permit is being covered, give its file number, the date service tests are scheduled to begin and the date of notification of service tests to the FCC Engineer-in-Charge:														
CP FILE NO.	SERVICE TESTS START DATE	EIC NOTIFICATION DATE												
5. TRANSMIT STATION INFO: (a) Station Name <u>WinchesterA</u> (b) St. Addr. <u>222 W. Lexington Ave</u> (c) City <u>Winchester</u> (d) State <u>KY</u> (e) County <u>Clark</u> (f) Call Sign <u>K1V62</u> (g) Ant. Struc. Ht. <u>171</u> (h) Bldg. Ht. <u>33</u> (i) Ground Elev. <u>1000</u> (j) Service Area _____ (k) Latitude <u>37-59-35</u> (l) Longitude <u>84-11-00</u>														
<b>6. FREQUENCY PATH INFORMATION</b>														
(a) Frequency & Polarization	(b) Xmitr. #	(c) Receive Station Name	(d) Operation Code	(e) Line Loss	Transmitting Antennas				Receiving Antennas				(n) Act. Code	
					Primary (f) Code	(g) Height	Diversity (h) Code	(i) Height	Primary (j) Code	(k) Height	Diversity (l) Code	(m) Height		
<u>6204.7 H</u>	<u>1</u>	<u>Stanton</u>												<u>D</u>
<u>6264.0 H</u>	<u>1</u>	<u>Stanton</u>												<u>D</u>
<u>6382.9 H</u>	<u>1</u>	<u>Stanton</u>												<u>D</u>
<b>7. RECEIVE STATION INFORMATION</b>														
(a) Station Name	(b) State	(c) Call Sign	(d) Type Fac.	(e) Path Dist. (KM)	(f) Path Azimuth	(g) Latitude	(h) Longitude	(i) Ground Elevation	(j) Struct. Height	(k) Bldg. Height	(l) Act. Code			
<u>Stanton</u>	<u>KY</u>	<u>K1V63</u>	<u>ITS</u>								<u>D</u>			
<b>8. TRANSMITTER INFORMATION</b>														
(a) Xmitr. #	(b) Xmitr. Code	(c) Qty.	(d) Name of Manufacturer	(e) Type or Model Number	(f) Power Output	(g) Emission Designator	(h) Freq. Stability	(i) Module Code	(j) Act. Code					
<u>1</u>	<u>24340</u>	<u>3</u>	<u>Lenkurt Elect.</u>	<u>74</u>	<u>1.0</u>	<u>16009</u>	<u>02</u>		<u>D</u>					

Fig. 10—Deletion of Frequencies (Page 1 of 2)

- 2 -

2.22

9. ANTENNA INFORMATION				10. Amount of fee submitted for this application is \$ <u>0.00</u> (See Part 1 of FCC Rules to determine if fee is required.)
(a) Antenna Code	(b) Name of Manufacturer	(c) Type or Model Number	(d) Beam Tilt	

  

11. EXHIBITS (Identify below all exhibits submitted with this application.)	
EXHIBIT NO.	TITLE OF EXHIBIT

  

12. REMARKS
This application deletes three 6GHz frequencies from WinchesterA (K1V62), KY, to Stanton (K1V63), KY.

  

**CERTIFICATION OF APPLICANT**

The APPLICANT waives any claim to the use of any particular frequency or of the ether as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests a license in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, hereby certifies that the statements made in this application are true, complete and correct to the best of his (her) knowledge and belief, and are made in good faith.

WILLFUL FALSE STATEMENTS MADE ON THIS APPLICATION ARE PUNISHABLE BY FINE AND IMPRISONMENT  U.S. Code, Title 18, Section 1001 AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT  U.S. Code, Title 47, Section 312(a)(1)

Dated this 22nd day of AUGUST 1977

Applicant SOUTH CENTRAL BELL TELEPHONE COMPANY  
(must correspond with that shown on page 1)

By J. V. Manning J. V. MANNING  
(signed) (printed)

Title GENERAL MANAGER - ENGINEERING  
(position held by person signing for applicant)

2.30

Fig. 10—Deletion of Frequencies (Page 2 of 2)

## SECTION 400-520-103

a major change, i.e., would be subject to a "Public Notice" listing under the FCC Rules and Regulations.

### **Modification of License for Change of Terms or Conditions on License (Code MM)**

**2.25** Enter the appropriate data on FCC Form 436 and explain in Item 12 (Remarks) the request for change in terms or conditions, e.g., lighting and marking, as presently licensed. A request for a change in lighting and marking conditions must be supported by an FAA determination that such a change is acceptable to that agency.

*Note:* Passive Facility information which, when applicable, is required to be entered in Item 6 of FCC Form 436 should not be reentered in Item 9 of that Form.

### **G. Passive Facilities Authorized as a Result of Filing FCC Form 435**

**2.26** Passive Facilities authorized as a result of a construction permit application normally do not require the submittal of license applications. However, if FCC Form 436 is being submitted to cover a construction permit which involved passive facilities, the applicant should submit FCC Form 436 for the passive facility if there are changes or corrections in the passive facility information which was provided on Page 1A, etc., of the FCC Form 435. An FCC Form 436 submitted to provide information regarding a passive facility should state in Item 12 (Remarks) that the FCC Form 436 is supplied because of a change or correction of passive facility information which was supplied in the application for construction permit.

### **H. Application Fee (Item 10)**

**2.27** The FCC in its General Action (Report No. 4768, December 22-1976-G) announced

the suspension, effective January 1, 1977, of its collection of all fees. Fees which are normally applicable to a particular application or an FCC Grant should therefore, as of January 1, 1977, not be remitted pending further action by the FCC as regards fees.

### **I. Exhibit Identification (Item 11)**

**2.28** ~~Item 11 - Exhibit Identification~~ To provide consistent responses between FCC Form 435 (Construction Permit Application) and FCC Form 436, the exhibit identification letters used with FCC Form 435 (Fig. 11) should also be used with FCC Form 436. Required Exhibits which are not specifically identified by the list in Fig. 11 should be numbered consecutively in the order in which the need for them arises.

### **J. Remarks (Item 12)**

**2.29** ~~Item 12 - Remarks~~ Use space allocated to explain the circumstances related to the FCC Form 436 which is being filed. Examples of entries which would be made in Item 12 are shown in Fig. 12, 13, 14, 15, and 16.

### **K. Certification of Applicant**

**2.30** ~~Applicant Certification~~ Enter the official corporate name of the company, spelled out in full and consistent with Item 1 on FCC Forms 435 and 430. The certification must be signed by an officer of the company or a duly authorized employee. The date of signing, the typed name of the person signing and his title must be entered. Each FCC Form 436, i.e., the original and duplicate, must be so certified.

EXHIBIT LETTER	TITLE	EXHIBIT LETTER	2.28 TITLE
A	Topographic Maps	L	Frequency Coordination
B	Site Availability	M	Public Interest
C	Reserved	N	System Maintenance
D	Environmental Impact	O	Copy of Maintenance Control Agreement
E	Antenna Supporting Structure (Vertical Prof.)	P	Ownership and Control of Facility
F	FAA Study	Q	Statement of Agreement
G	Geostationary Satellite Orbit Justification Waiver of Part 21	R	Subscriber Affiliation
H	Multipoint Distribution Service	S	Service to CATV System
I	Multipoint Distribution Service	T	Tariff
J	Multipoint Distribution Service	U	Financial Ability
K	Rule Waivers and Exceptions	*	Additional Exhibits
		*	Consecutively Number

Fig. 11—Exhibit Identification Letters For Use With FCC Form 436

11. EXHIBITS (Identify below all exhibits submitted with this application.)		2.28
EXHIBIT NO.	TITLE OF EXHIBIT	
E	Antenna Profile Sketch	
F	FAA Acknowledgement	
12. REMARKS		
2.29		
<p>Item 5(i): Ground elevation corrected from 2060 ft. to 2070 ft. AMSL. New Antenna Profile Sketch (Exhibit E) and FAA Determination (Exhibit F) are attached.</p>		

Fig. 12—Completed Item 12 of FCC Form 436-Example of Entry

12. REMARKS		2.29
<p>This license application covers the remaining part of CP 1208 - CF-P-76. An application dated 9-25-75 covered the first part of the facilities authorized by that Construction Permit. This application also reports the use of the Collins Radio, type MW-109B-3 transmitter in lieu of the Collins Radio, type MW-109A-3. This replacement was made as a permissive change in accordance with FCC Rule 21.121(a).</p>		

Fig. 13—Completed Item 12 of FCC Form 436-Example of Entry

12. REMARKS	2.29
<p>This application requests the correction of the street address due to renumbering of the street by the City of Rome GA and requests deletion of the obstruction marking requirements. The FAA Determination of No Hazard is attached as Exhibit F.</p>	

Fig. 14—Completed Item 12 of FCC Form 436-Example of Entry

12. REMARKS	2.29
<p>This license application covers only the transmitter to Columbia (K1Y59), SC License application to cover the transmitter to Blackville (K1Y58) SC will be filed with the Commission when the construction at that station is completed.</p>	

Fig. 15—Completed Item 12 of FCC Form 436-Example of Entry

12. REMARKS	2.29
<p>An informational filing for St. Ignace was included in the March, 1976 A.T.&amp;T. Magnetic Tape submission.</p> <p>This form covers CP 3559-CF-MP-76 which is a modification of CP 4478-C1-P-74.</p> <p>Frequencies towards Allenville included on CP File 4478-C1-P-74 were covered by License Application dated April 1, 1976.</p>	

Fig. 16—Completed Item 12 of FCC Form 436-Example of Entry