

CONTROL OF EQUIPMENT ORDERS REQUIRING FEDERAL COMMUNICATIONS COMMISSION APPROVAL

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1. GENERAL

1.01 The purpose of this section is to provide information and general instructions to the Equipment Engineer for the control of installation or construction on Telephone Equipment Orders (TEOs) that require Federal Communications Commission (FCC) approval.

(a) Although, it is normally the responsibility of another organization to make application to the FCC for approval to construct certain facilities (ie; Transmission, Plant Extension, or Network Operations), it is the responsibility of the Equipment Engineer to control installation work on each TEO in such a manner as to be assured that the installation work is performed in accordance with certain stipulated FCC regulations.

(b) Many companies have assigned an FCC Coordinator, as outlined in Section 400-401-000, who will review FCC requirements and make recommendations to the Equipment Engineer to ensure compliance.

1.02 Whenever this section is reissued, the reason for reissue will be listed in this paragraph.

1.03 TEOs necessary for the addition, extension, removal, or discontinuance of radio or interstate facilities by construction, acquisition, lease, or abandonment may require FCC approval.

1.04 Prior to commencing construction or concluding arrangements for purchase of any interstate carrier or wire line facilities or the sale of interstate plant to any common carrier not subject to Section 214, an FCC authorization must be obtained in conformance with Part 63 of the FCC Rules and Regulations (see Fig. 1). Also, prior to commencing construction or concluding arrangements for purchase of existing radio transmission system, a Radio Station Construction Permit must be obtained in

FIGURES

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NOTICE

Not for use or disclosure outside the
Bell System except under written agreement

SECTION 790-100-370

conformance with the FCC Rules and Regulations (see Fig. 2). When radio transmission systems are involved in the provision of interstate facilities, **both** authorizations may be necessary.

- (a) Except for work operations reported under Continuing Authority (see 3.01), construction involving interstate facilities or radio stations cannot be started prior to the receipt of FCC approval and must start and be placed into operation according to specified dates. Normally the completion of authorized construction must be accomplished prior to the specified service date (see Fig. 3). This date does not apply to retirements and removal of displaced facilities.

1.05 The Engineering and/or Network Services organization responsible for the preparation of specific estimates and routine or "keep cost" orders for the provision or extension of interstate facilities or the construction of any radio transmitting apparatus shall make arrangements to ensure, prior to the submittal of the estimate or routine order for expenditure approval, that such authorizations as required from the FCC under Section 214 (wire line facilities) or Section 319 (radio transmitting apparatus) of the COMMUNICATION ACT OF 1934, as amended, have been obtained or will be applied for.

- (a) Supplemental FCC authorization must be obtained prior to changing certain conditions authorized by the radio station construction permit; or if a change is made in the interstate facilities authorized; or if the authorized service date cannot be met, and if an extension is required.

1.06 Although physical construction may not commence prior to FCC authorization where required, no such restriction applies to the advance requisitioning of material and other preliminary construction activity where necessitated by the type of undertaking.

- (a) Start of physical construction is defined as the earliest of any of the following typical activities:

- The date when actual placing of outside plant cable is started
- The date when actual foundation work on a new radio station is started

- The date the installer actually starts installation of central office equipment
- The date construction crews actually start the installation of waveguide or antenna equipment.

2. CONSTRUCTION REQUIRING FCC APPROVAL

2.01 Sections 214(a) and 319 of the COMMUNICATIONS ACT OF 1934, as amended, provide that authorization be obtained from the FCC for the following undertakings:

- (a) Construction, acquisition, or lease of interstate facilities or the extension of interstate facilities by construction, acquisition, or lease
- (b) Discontinuance, reduction, or impairment of a service to a community or part of a community
- (c) Construction or changes in radio transmitting facilities
- (d) Construction of facilities for channel services to Community Antenna Television (CATV) systems.

2.02 Authorization is required when outside plant or equipment is installed, either wholly or in part, to establish interstate circuits.

2.03 Authorization is required for any type of carrier system either alone or interconnected with other facilities (new or existing) to establish interstate circuits.

2.04 Authorization is required when radio equipment is installed that will transmit an FCC assigned frequency. This transmission is normally through the use of Radio Relay Systems (Point-to-Point Radio or Microwave) or other fixed transmitting apparatus.

3. TYPES OF APPLICATIONS

Interstate Facilities Under Section 214 of the Communications Act

3.01 Public Convenience—The various interstate facility applications are based upon the construction costs and other factors as outlined in FCC Rules and Regulations Part 63. Reference

PRINTED IN U.S.A.

E-3355
(12-60)

**REQUEST FOR AUTHORITY TO SUPPLEMENT EXISTING FACILITIES
INVOLVING ESTIMATED CONSTRUCTION COST NOT EXCEEDING \$500,000**

Application filed pursuant to Section 63.03 of Rules and Regulations of Federal Communications Commission
relating to Section 214 of Communications Act of 1934.

<p>To: Federal Communications Commission, Washington, D. C. 20554 Attention: Office of the Secretary.</p>	<p>P-C No. _____ Date of Filing: _____</p> <p>(To be entered by Commission and one copy returned to signer.)</p>															
<p>Name and Address of Each Applicant</p>																
<p>1. Applicant propose to and upon authorization from the Commission will supplement existing facilities as described below:</p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 30%;">ITEM</th> <th style="width: 30%;">BETWEEN</th> <th style="width: 10%;">AND</th> <th style="width: 30%;">MILES</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		ITEM	BETWEEN	AND	MILES											
ITEM	BETWEEN	AND	MILES													
<p>2. Circuit changes resulting from proposed construction and /or installation, including effects of rearrangements, are as follows:</p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th rowspan="2" style="width: 40%;">CIRCUIT GROUPS AFFECTED</th> <th colspan="3" style="text-align: center;">NO. OF CIRCUITS</th> </tr> <tr> <th style="width: 10%;">BEFORE</th> <th style="width: 10%;">PROPOSED ADDITIONS</th> <th style="width: 10%;">AFTER</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> <td> </td> <td> </td> </tr> <tr> <td align="right">TOTALS</td> <td> </td> <td> </td> <td> </td> </tr> </tbody> </table>		CIRCUIT GROUPS AFFECTED	NO. OF CIRCUITS			BEFORE	PROPOSED ADDITIONS	AFTER					TOTALS			
CIRCUIT GROUPS AFFECTED	NO. OF CIRCUITS															
	BEFORE	PROPOSED ADDITIONS	AFTER													
TOTALS																
<p>4. The cost of the proposed facilities will be charged to the appropriate plant accounts of the applicant. The estimated cost is:</p> <table border="1" style="width:100%; border-collapse: collapse; margin-top: 10px;"> <thead> <tr> <th style="width: 70%;">COMPANY</th> <th style="width: 30%;">COST</th> </tr> </thead> <tbody> <tr> <td> </td> <td> </td> </tr> <tr> <td align="right">TOTAL</td> <td> </td> </tr> </tbody> </table>		COMPANY	COST			TOTAL										
COMPANY	COST															
TOTAL																
<p>5. The proposed facilities are to be used for:</p> <p>TELEPHONE SERVICE <input type="checkbox"/></p> <p>TELEGRAPH SERVICE <input type="checkbox"/></p>																
<p>3. Statement of need for proposed construction and /or installation:</p>																

Fig. 1—Typical Informal Application for Extension of Interstate Lines

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

FCC Form 431-E
January 1971

④ **POINT-TO-POINT MICROWAVE RADIO STATION CONSTRUCTION PERMIT**

⑤ Fixed (Class of Service) ① **COMMON CARRIER**

② KMA 38 (Call Sign) ③ 3278-Cl-P-69 (File No.)

Name: ⑥ THE PACIFIC TELEPHONE AND TELEGRAPH COMPANY

Subject to the provisions of the Communications Act of 1934, subsequent acts, treaties, and all regulations heretofore or hereafter made thereunder, and further subject to the conditions set forth in this permit, including those contained on the reverse hereof, authority is hereby granted to construct a radio transmitting station to be operated as hereinafter described:

⑦ 434 South Grand Avenue, Los Angeles, (Los Angeles) California. Lat. 34 03 02 N. Long. 118 15 08 W.
(Location of station)

⑧ Local
(Location of authorized control point)

⑧ Local
(Location of alarm center)

TRANSMITTING EQUIPMENT

⑨ FREQUENCIES (Mc)	POINTS OF COMMUNICATION AND DISTANCE IN KILOMETERS	⑩	DEGREES OF AZIMUTH OF CENTER OF MAIN LOBE OF RADIATION WITH RESPECT TO TRUE NORTH DEGREES	⑪	MINUTES
10915H	11155H Anaheim, Calif. (KME47)	(39.2 Km)	127	08	

⑫ This authorization is subject to the provisions of Section 21.712 of the Commission's Rules or the nonduplication and carriage provisions of any agreement made in lieu thereof and is further subject to any rules which may hereafter be promulgated in Docket No. 18377.

Upon notice from the Commission, the use of frequency diversity shall be forthwith terminated without hearing if, in the discretion of the Commission, such action is warranted.

The facilities authorized herein shall be used only for the provision of existing services and no new classification or subclassification of service shall be instituted on these facilities or on any other interstate facilities without prior authorization of the Commission. Until otherwise authorized by the Commission upon appropriate application, the Series 11000 service shall be offered only in accordance with the provisions of the tariff effective on September 2, 1970.

⑬ NUMBER OF TRANSMITTERS	⑭ MANUFACTURER AND TYPE	⑮ EMISSION	AUTHORIZED POWER (Watts) OUTPUT
⑬ (2)	Western Electric, TJ	28000F9	1.0 ⑯

⑰ Antenna Height above Ground Level 547', Above mean sea level 890'.
⑱ Obstruction Marking Specifications in accordance with Paragraphs 3 and 21 of FCC Form 715. Obstruction Markings required in accordance with Paragraph 2 at top of elevator equipment room at 420 South Grand Avenue and at opposite corner of roof of building; Paragraph 3 for the ornamental spire. Floodlighting for the tower.

To the extent frequency diversity may be authorized herein, such authority is subject to further order of the Commission and may be terminated without hearing if, in the discretion of the Commission, such action is warranted.

⑲ Operation of this station is governed by Part 21 of the Commission's Rules.

EARLIEST DATE OF COMMENCEMENT OF CONSTRUCTION: February 28, 1969 ⑳

DATE OF REQUIRED COMPLETION OF CONSTRUCTION AND EXPIRATION DATE: AUGUST 28, 1970 ㉑

DATE OF GRANT: February 28, 1969 ㉒

FEDERAL COMMUNICATIONS COMMISSION
Ron F. Wolff
Secretary.

INFORMATION APPEARING ON CONSTRUCTION PERMIT

- ① Type of Authorization
- ② Station Call Sign
- ③ FCC File Number
- ④ Nature of Service
- ⑤ Class of Station
- ⑥ Name of Licensee
- ⑦ Location of Station
- ⑧ Location of Alarm Center
- ⑨ Transmitter Frequency
- ⑩ Location and Distance to Receiving Station
- ⑪ Azimuth to Receiving Station
- ⑫ Special Condition (terms) of Authorization
- ⑬ Number of Transmitters
- ⑭ Make and Type of Transmitters
- ⑮ Authorized Emission of Transmitters
- ⑯ Authorized Transmitter Power Output
- ⑰ Authorized Antenna Height, above Ground and AMSL
- ⑱ Special Terms of Authorization
- ⑲ FCC Rule Part Governing Station Operation
- ⑳ Authorized Date to Start Construction
- ㉑ Expiration Date of Authorization
- ㉒ Date Authorization was Granted

Fig. 2—Typical Construction Permit

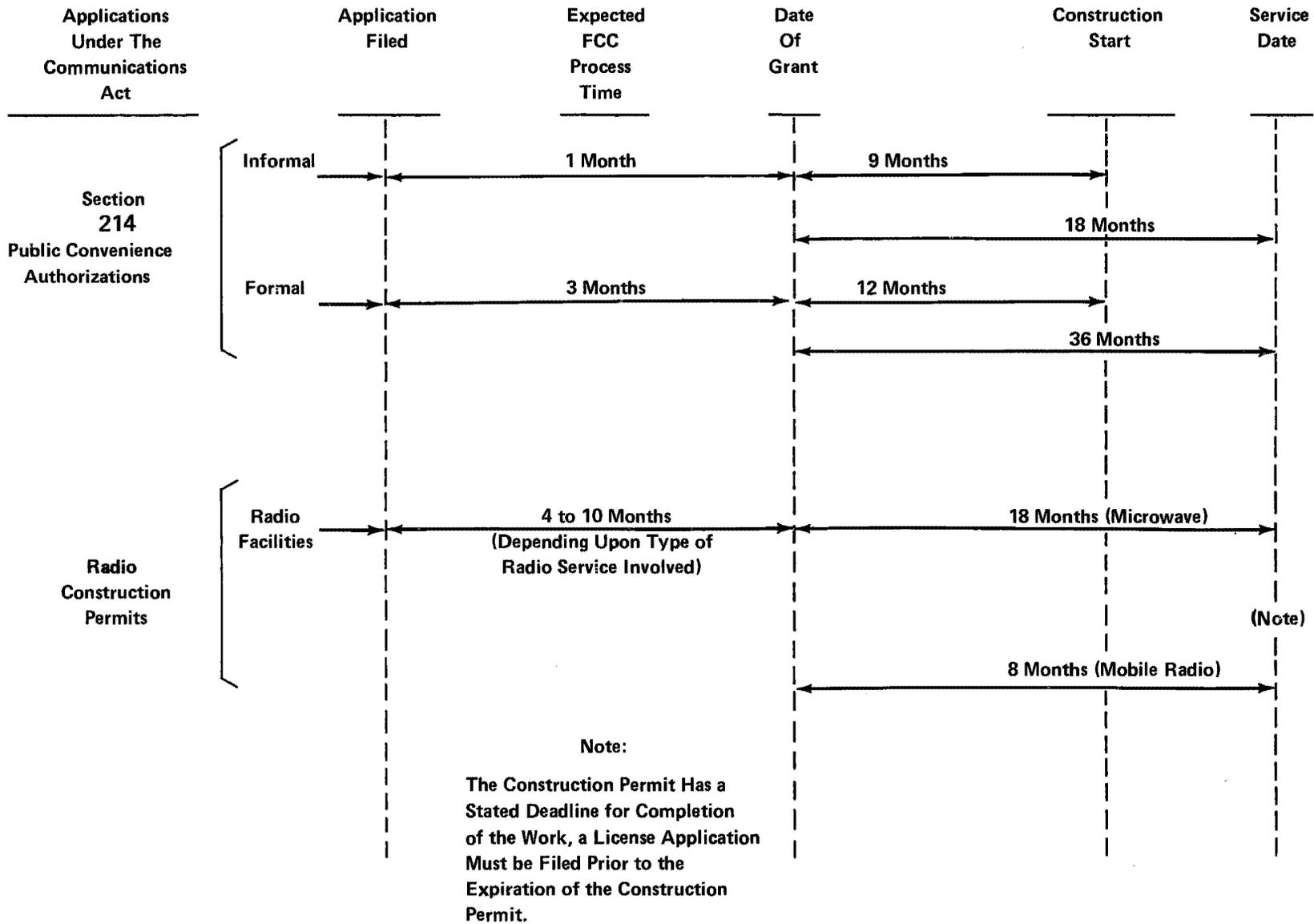


Fig. 3—Pertinent FCC Construction Intervals

should be made to the FCC Rules and Regulations Part 63 for the most recent approved criteria. The authorization for carrier or wire facilities will be an FCC authorization bearing the Public Convenience number.

- (a) **Formal application**—Construction must start within 12 months and at least a portion of the facilities placed in operation within 36 months of the FCC approval date.
- (b) **Informal application**—Construction must start within 9 months and at least a portion of the facilities placed in operation within 18 months of the FCC approval date.
- (c) **Continuing Authority**—Construction under a continuing authorization may be granted by the FCC to extend or supplement facilities on small projects that do not exceed stipulated amounts. (See also Section 400-560-103.)
- (d) **Temporary Service**—A request by letter or telegram for immediate authority for temporary service for a period not exceeding 6 months that does not exceed stipulated amounts.
- (e) **Emergency Service**—A request by letter or telegram for immediate authority for emergency service occasioned by conditions unforeseen by and beyond the control of the carrier which does not exceed stipulated amounts.
- (f) **Annual Program Plan (Blanket)**—Any TELCO may submit to the FCC a request for authority to cover an Annual Program of projects for supplementing its existing facilities.

Radio Facilities Under Section 319 of the Communications Act

3.02 Construction Permits—Companies desiring to construct or make certain modifications to stations in Radio Service require FCC approval. Authority to construct is obtained by filing an application to obtain a Construction Permit. (See Fig. 2.) If antenna structure marking and lighting is required, the Obstruction Marking and Lighting Specifications will have been stamped on (or attached to) the authorization by the FCC. The specifications will appear as paragraph numbers of FCC Form 715. The authorization for construction of radio transmitting apparatus will be a radio station

Construction Permit bearing the Radio Station Call Sign and Construction Permit number.

- (a) Posting requirements of the necessary Construction Permits and Licenses at the construction site (see Fig. 2 & 4) are normally performed by the Network Maintenance Supervisor in accordance with Section 400-401-000.
- (b) All testing of radio transmitting equipment involving actual radio transmission will be made under direct control and supervision of the maintenance supervisor and will be in accordance with applicable FCC rules and regulations. When notifications to the FCC of proposed tests are required, no testing shall start until the maintenance supervisor has verified that proper notification has been given. Proper radio station log entries shall be made by the licensed operator performing or supervising the work.

3.03 319(d) Waiver—In some cases the FCC may waive the requirement of a Construction Permit which is referred to as a "319(d) Waiver." It is usually in the form of a letter or telegram.

3.04 Special Temporary Authorization—In certain cases Special Temporary Authorization may be granted by the FCC to construct and operate a radio station. It is also usually in the form of a letter or telegram and normally covers specific conditions for short periods of time (typically 30, 60, or 90 days).

4. DOCUMENTATION OF EQUIPMENT AUTHORITIES

4.01 All estimates or routine orders covering the provision of facilities that require FCC approval should bear reference to the necessity for FCC approval (see Section 790-100-310); additionally, the FCC authorization number from the FCC authorization should be shown in a conspicuous location on the estimate or routine order. A copy of the approved FCC application should be attached to the estimate or routine order if available.

- (a) Copies of the approved FCC applications should be filed in the official estimate file and all estimates related to such applications should be appropriately cross-referenced.

FCC Form 429 August 1967

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

④ POINT TO POINT MICROWAVE
(Nature of service)

⑤ Fixed
(Class of Station)

① RADIO STATION LICENSE
(As Issued)

② K J L 2 8
(Call Sign)

③ 7986-C1-M-66 & 5876-C1-R-66
(File No.)

⑥ SOUTHERN BELL TELEPHONE AND TELEGRAPH COMPANY
Name

Subject to the provisions of the Communications Act of 1934, subsequent acts, and treaties, and all regulations heretofore or hereafter made by this Commission, and further subject to the conditions and requirements set forth in this license, the licensee hereof is hereby authorized to use and operate the radio transmitting facilities hereinafter described for radio communication for the term beginning ⑦ February 1, 1966, and ending February 1, 1971. (U. S. A. measure standard time)

⑧ Approx. 8.2 Miles North of Ludowici, (Long) Georgia. Lat. 31 49 59 N.-Long. 81 45 02 W.
(Location of station)

⑨ 322 Drayton Street, Savannah, Georgia.
(Location of authorized control point)

⑩

FREQUENCIES (Mc)	POINTS OF COMMUNICATION AND DISTANCE IN KILOMETERS	DEGREES OF AZIMUTH OF CENTER OF MAIN LOBE OF RADIATION WITH RESPECT TO TRUE NORTH DEGREES	MINUTES		
6256.5V	6315.9V	6375.2V	Reidsville, Ga. (32.6 Km)	317	04
6286.2H	6345.5H	6404.8H	Richmond Hill, Ga. (42.8 Km)	72	05

⑪ This authorization is subject to the provisions of Section 21.712 of the Commission's Rules or the nonduplication and carriage provisions of any agreement made in lieu thereof and is further subject to any rules which may hereafter be promulgated in Docket No. 15971.

Upon notice from the Commission, the use of frequency diversity shall be forthwith terminated without hearing if, in the discretion of the Commission, such action is warranted.

NUMBER OF TRANSMITTERS	MANUFACTURER AND TYPE	EMISSION	AUTHORIZED POWER (Watts) OUTPUT
⑬ (4)	⑭ Collins, MW108A	⑮ F0, 25000F9	⑯ 2.0
(2)	Collins, MW 108C	F0, 25000F9	2.0

⑰ Obstruction Marking Specifications in accordance with Paragraphs 1, 3, 11 and 21 of FCC Form 715.

⑱ Operation of this Station is governed by Part 21 of the Commission's Rules.

⑲ This license is issued on the licensee's representation that the statements contained in licensee's application are true and that the undertakings therein contained, so far as they are consistent herewith, will be carried out in good faith. The licensee shall, during the term of this license, render such service as will serve public interest, convenience, or necessity to the full extent of the privileges herein conferred.

⑳ This license shall not vest in the licensee any right to operate the station nor any right in the use of the frequencies designated in the license beyond the term hereof, nor in any other manner than authorized herein. Neither the license nor the right granted hereunder shall be assigned or otherwise transferred in violation of the Communications Act of 1934. This license is subject to the right of use or control by the Government of the United States conferred by Section 606 of the Communications Act of 1934.

By Direction of the
FEDERAL COMMUNICATIONS COMMISSION

⑳ December 19, 1966
DATE OF GRANT

Ron F. Wylie
Secretary

F.C.C. - WASHINGTON, D. C.

INFORMATION APPEARING ON MICROWAVE POINT-TO-POINT LICENSE

- | | |
|--|--|
| ① Type of Authorization | ⑫ Azimuth to Receiving Station |
| ② Station Call Sign | ⑬ Special Condition (terms) of Authorization |
| ③ FCC File Number | ⑭ Number of Transmitters |
| ④ Nature of Service | ⑮ Make and Type of Transmitters |
| ⑤ Class of Station | ⑯ Authorized Emission of Transmitters |
| ⑥ Name of Licensee | ⑰ Authorized Transmitter Power Output |
| ⑦ Period of Authorization | ⑱ Antenna Marking Specifications |
| ⑧ Location of Station | ⑲ FCC Rules Part Governing Station Operation |
| ⑨ Location of Alarm Center | ⑳ Terms of the Authorization |
| ⑩ Transmitter Frequencies | ㉑ Date Authorization Was Granted |
| ⑪ Location and Distance to Receiving Station | |

Fig. 4—Typical Radio Station License

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(b) Where an estimate or routine order is submitted prior to receipt of FCC authorization, the appropriate Plant Extension, Transmission or Network Design Engineer, promptly upon receipt of the authorization, should advise the Comptroller's Organization of the FCC authorization number by letter for each specific estimate or routine order involved for filing with or recording to the appropriate authorization papers. Concurrently, the FCC authorization number should be forwarded to the Equipment Engineering organization for release of the order for installation and for adding FCC documentation to the copies of the estimate or routine order files of the Equipment Engineer.

4.02 The organization making application to the FCC should maintain, as a separate record, a complete file of FCC authorizations. For each such FCC authorization, there should be attached a list showing the estimate or routine order numbers under which the work was carried out, and the dates on which the work under each estimate or routine order was started and made available for service. (Ref: GL-75-08-076, Comptroller's Letter M54C.) This record is subject to an FCC compliance audit and should be appropriately maintained.

(a) Cross-referencing should be accomplished even though the application is joint, ie, submitted by another associated company or Long Lines. This applies only to FCC Public Convenience Authorizations (Section 214, Landline applications). Radio authorizations are not joint and are issued to only one company. In order to facilitate cross-reference of joint applications, the company securing the FCC authorization should furnish copies of the FCC approval to the other company.

4.03 To insure full compliance with FCC requirements, the General Manager—Engineering or Network Services (or other appropriate manager) shall be responsible for establishing and maintaining administrative controls that:

(a) Will not permit:

- (1) Providing facilities requiring FCC authorization in absence of such authorization.
- (2) Subordination of government restrictions to other considerations in carrying out the work. Circumstances which appear to be

in conflict with meeting government restrictions must be promptly identified and referred to the appropriate manager for resolution.

(b) Will require continuing definite assignment of responsibility for:

- (1) The timing and origination of requests for FCC authorization.
- (2) Giving notice and date that work may be started following notification of FCC approval.
- (3) Maintenance of files of FCCs authorizations, including cross-referencing of such files to related company estimates and routine orders, and securing and entering dates, work was started and made ready for service for each estimate or order.
- (4) Cross-referencing of estimate and routine order approval sheets to related FCC authorization.

(c) Will assure commencement and completion of construction as specified by the approved FCC permits and certificates (see Fig. 3).

(d) Will assure for contemplated projects extending to work other than facilities covered by a single FCC authorization (whereby there could be questions as to starting and completion dates for work covered by a particular FCC authorization):

(1) That the work under each FCC authorization is covered by separate company estimate or routine order; or

(2) That all work covered by an estimate or routine order will be started and placed into service within the time limits applying to the portion requiring FCC authorization; or

(3) That the following conditions are met where it is deemed necessary to commence work on intrastate facilities covered by an estimate or routine order which also provides

or involves facilities included under a pending application to the FCC:

- (a) Approval of the appropriate General Manager (ie; Engineering or Network Services) is secured prior to commencement of such work.
- (b) Work on such intrastate facilities can be clearly separated and identified.
- (c) Starting and completion dates of such work as well as starting and service dates of work on facilities covered by the FCC authorization are appropriately recorded to the authorization papers and file of FCC authorizations.
- (d) Such intrastate facilities which might be established prior to approval of pending FCC application will not be used as interstate facilities in the foreseeable future.

5. DOCUMENTATION AND CONTROL OF TEOs

5.01 The organization issuing the equipment request or recommendation shall be responsible for determining when FCC authorization is required in connection with the construction and/or modification of interstate lines or radio facilities. The organization shall notify the Equipment Engineer of FCC requirements when forwarding the equipment recommendations covering jobs to be engineered. (Ref. Section 790-100-420.)

- (a) When FCC approvals have previously been obtained, this notification should include the appropriate FCC reference numbers (ie; Public Convenience and/or Construction Permit numbers) and approval date or a copy of the approved FCC application that reflects this information.
- (b) When FCC approval has not been obtained, confirmation of application should be included with an anticipated date of approval (see 5.04).
- (c) All order control documents (ie; Construction Activities Information System (CAMIS) or Engineering Administrative System (EAS) documents) shall reflect the necessity of FCC approval requirements.

5.02 The Equipment Engineer shall note (or have stamped) on the TEO Face Sheet prior to release to the WE and Network Maintenance forces, that FCC approval for the order is required. (See Fig. 5 and Section 790-100-320.)

5.03 It shall be the responsibility of the Equipment Engineer (in concert with the FCC Coordinator, if assigned,) to insure that no physical construction will commence until the required authorizations have been obtained from the FCC (see Fig. 6).

- (a) WE installation forces and other contractors shall be notified, in writing, when FCC authorization is required on a job. This notification should be made at the time the order is placed, bids are requested, or the job awarded. When FCC authorization is later received, the WE and/or other contractors shall be notified, in writing, that they can start work on the job involved (see Fig. 7). Where an FCC authorization was received prior to placing an order, requesting bids, or awarding a job, notify WE or other contractor, in writing, to that effect. Any subsequent changes in the job must also be authorized in writing. File a copy of all such correspondence in the associated estimate or routine order file.

- (1) Consideration should be given to the FCC implications of any changes proposed in a job. Verify (with the FCC Coordinator, if assigned,) that the proposed changes or additions are within the FCC authorization. If they are not, take steps to insure that no construction work is started on the changed or added portion of the job until proper FCC authorization has been received. Include appropriate records in the estimate files to show what changes were made and that no work involved in the change was started prior to the FCC authorization for the change.

5.04 After approval has been received from the FCC, the applying organization shall:

- (a) Notify the Equipment Engineer of the FCC authorization number and approval date, appropriately cross-referenced to the original equipment request and note location TEO and/or TELCO authority number.
- (b) Notify the Comptrollers organization of the FCC authorization number and approval date,

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TELEPHONE EQUIPMENT ORDER										
DISTRIBUTION		THE _____ TELEPHONE COMPANY								
SPL. CLASS _____		AREA _____			DIVISION _____			TO _____ MDSE		
1. JOB LOCATION		OFFICE BASE NO.			DISTRIBUTING HOUSE		NO.	IDENT	TEL. CO. ORDER NO.	
ADDRESS							W.E. CO. ORDER NO.			
CITY		STATE			AND NO. OR ANOM ID NO. NONE <input type="checkbox"/>		SOURCE OR FILE			
TELEPHONE COMPANY ACCOUNTING CLASSIFICATION					BUILDING READY		COMPLETION REQ'D.			
GEO. LOC.		EST./AUTH.		ACCT./FC						
COORDINATION							MATERIAL REQ'D. ON JOB			
SHIP VIA		INST. AREA		INST. DISTRICT		MARK PACKAGES:				
2. MAIL INSTALLERS PAPERS, SPECS, DWGS TO:				3. SEND SCHEDULED SHIPMENTS TO:				DATE OF ORDER		
								ORDER RECEIVED		
								DATE ISSUED		
STD. DRAWINGS TO JOB YES <input type="checkbox"/> NO <input type="checkbox"/>								ISSUED BY		
BASE DRAWINGS TO PLANNER <input type="checkbox"/> JOB <input type="checkbox"/>										
4. MAIL SHIPPING PAPERS TO:				5. SEND SHIPMENTS UNDER _____ LBS. TO:				ENG. <input type="checkbox"/>		
								FURN. <input type="checkbox"/>		
								INSTALL <input type="checkbox"/>		
								NEW <input type="checkbox"/>		
GREEN RECEIPTS REQ'D <input type="checkbox"/>								ADD'N <input type="checkbox"/>		
DESCRIPTION: <div style="border: 2px solid black; border-radius: 50%; padding: 10px; display: inline-block; margin: 10px auto;"> FCC authorization required </div>										
SUMMARY OF MATERIAL										
	ITEM	"B" SECT. NOTE	QTY	MATERIAL IDENTIFIER		MATERIAL DESCRIPTION				
						DESCRIPTION				
01										
02										
03										
04										
05										
06										
07										
ENGINEERED BY _____					TEL. NO. _____			TEL. CO. APPROVAL _____		DATE _____
SUPERVISOR _____					TEL. NO. _____					
SHIP	TRANSIT INTERVAL		START	SERVICE	COMPLETE	EST. MATERIAL COST		EST. INSTALL. COST		
INST. INTERVAL		D. S. HOURS		D. L. HOURS		D. L. DOLLARS		ORDER COST	PRICE	
FINAL TIME AND EXPENSE				AREA SUPV. CODE			APPROVED _____		DATE _____	

Fig. 5—Typical FCC Notation on TEO Face Sheet

FCC Authorized Work
 WE Order _____
 TELCO Order _____
 TELCO Authority _____

 WE Installation Manager
 (or Network Manager, Outside
 Contractor or other installation
 group as appropriate)

Copies to:
 WE Field Installation,
 Building Engineer (or others
 as appropriate).

Dear Sir:

The Telephone Company Order _____, WE Order _____
 covers construction requiring FCC approval.

To comply with FCC regulations, no physical construction can be started on any portion of this order (or subsequent split-off orders) until FCC approval has been obtained or unless you are notified in writing to the contrary.

This office shall advise you when FCC approval has been granted. Questions relative to the status of this order may be directed to the Equipment Engineer or Supervisor at the telephone numbers specified on the Telephone Equipment Order.

Yours truly,

Equipment Engineer

Fig. 6—Typical Notification to Installation of FCC Approval Requirements

appropriately cross-referenced to the TEO and TELCO authority number.

(1) Copies of approved FCC applications should be filed in the official estimate file (normally maintained in the Comptrollers organization), and all estimates related to such applications should be appropriately cross-referenced. (Ref:GL-75-08-076, Comptroller's Letter M54C.)

5.05 After FCC approval has been received, the Equipment Engineer shall assure release of

the order to the appropriate installation organization for construction start (see Fig. 7). The FCC approval data shall also be posted to the appropriate CAMIS or EAS documents and added to the associated Equipment Engineering files for the order involved.

5.06 It shall be the responsibility of the Equipment Engineer to furnish the organization that applied for FCC approval the actual start and ready for service dates of all construction by TEO or TELCO authority number. (This may be accomplished by predetermined computer printouts

FCC Authorized Work
WE Order _____
TELCO Order _____
TELCO Authority _____

WE Installation Manager
(or Network Manager, Outside
Contractor or other installation
group as appropriate)

Copies to:
WE Field Installation,
Building Engineer (or others
as appropriate)

Dear Sir:

Construction specified on Telephone Company Order _____,
WE Order _____ requires FCC approval prior to the start of construction. Approval was
granted by the FCC on _____ under authorization number(s) (Public Convenience/
Construction Permit) _____ for this construction.

This is your authority to start construction no earlier than the above FCC approval date.
To be in compliance with FCC regulations, construction must start no later than _____
and complete prior to _____. Confirmation of the actual start and complete dates for this
order may be provided by issuance of a Confirmation of Installation Completion (Form SD-42-20) or
similar document reflecting the actual construction dates for the authorized work.

If this order cannot commence or complete within the FCC specified parameters noted
above, immediately contact the responsible Equipment Engineer _____ at Telephone
Number _____.

Yours truly,

Equipment Engineer

Fig. 7—Typical Notification to Installation of Receipt of FCC Approval

from the CAMIS or EAS data base or by a copy
of the WE Confirmation of Installation Completion
Notice (Form SD-42-20) or similar document.)

- (a) When the FCC approved construction cannot
be placed into operation before the expiration
of construction authorization, an application for
an extension of time **must be filed** with the
FCC. Such applications must be filed by the
appropriate applying organization prior to the
expiration of the construction authorization. The

Equipment Engineer shall advise the appropriate
applying organization of orders that cannot be
made ready for service within the specified
time frame so that timely application for extension
may be made.

The Equipment Engineer shall be responsible
for negotiating dates with the installation
organization to meet the FCC date limitations
as determined by the FCC approval data.

5.07 Where radio facilities are involved, it is normally the responsibility of the Network Maintenance Organization (or the FCC Coordinator, if assigned,) to notify the FCC District Engineer-In-Charge as to the time Equipment Tests and Service Tests are to start. If a station has not started Service Tests before the expiration of the authorized construction period—all construction and testing must cease and if the license application has not been filed with the FCC, the construction authorization shall be considered forfeited (Ref. Section 400-401-000).

5.08 At the completion of the order, the Equipment Engineer shall verify that the Confirmation of Installation Completion Notice (Form SD-42-20, see Section 790-100-460) and related correspondence reflects that actual start and complete (ready for service) dates fall within the construction parameters authorized by the FCC (ie; that FCC approval was obtained before physical construction was begun and that the start and complete (ready for service) dates were within the interval specified by the FCC approved certificate or permit). Any discrepancies should be resolved by the Equipment Engineer (in concert with the FCC Coordinator, if assigned).

5.09 Principal references:

- (a) The COMMUNICATIONS ACT OF 1934, as amended:
 - (1) Section 319 of the Act refers to Radio Construction Permits.

- (2) Section 214 of the Act refers to the Extension of Lines and Discontinuances.
 - (3) Section 221 refers to acquisition of other TELCO property.
- (b) Federal Communications Commission's Rules and Regulations.
- (1) Parts 5, 17, 21, 81, 89, and 91 are applicable to Radio work.
 - (2) Part 63 is applicable to the Extension of Lines and Discontinuance of Service.
 - (3) Part 1 is applicable to Filing, Grant, and Application Fees.
- (c) General Letter 75-08-076 and attached Comptroller's Letter M54C.
- (d) Bell System Practices 400-4YY-ZZZ and 400-5YY-ZZZ series.

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