

UNITED STATES OF AMERICA
FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR AUTHORITY TO CONSTRUCT
OR MAKE CHANGES IN A
TELEVISION BROADCAST TRANSLATOR STATION

INSTRUCTIONS

A. This form is to be used in applying for authority to construct a new Television Broadcast Translator Station, or to make changes in an existing Television Broadcast Translator Station. This form consists of this part, Section I, and the following sections:

Section II. Legal, Financial Qualifications

Section III. Engineering Data

B. Prepare three copies of this form and all exhibits. Swear to one copy of Section I. File all the above with Federal Communications Commission, Washington 25, D. C.

C. Number exhibits serially in the space provided in the body of the form and list each exhibit in the space provided on page 2 of this section. Date each exhibit.

D. The name of the applicant stated herein shall be the exact corporate name, if a corporation; if a partnership, the names of all partners and the name under which the partnership does business; if an unincorporated association, the name of an executive officer, his office; and the name of the association.

E. Information called for by this application which is already on file with the Commission need not be refiled in this application provided (1) the information is now on file in another application or FCC form filed by or on behalf of this applicant; (2) the information is identified fully by reference to the file number (if any), the FCC form number, and the filing date of the application or other form containing the information and the page or paragraph referred to, and (3) after making the reference, the applicant states: "No change since date of filing". Any such reference will be considered to incorporate into this application all information, confidential or otherwise, contained in the application or other form referred to: The incorporated application or other form will thereafter, in its entirety, be open to the public.

F. If the applicant is now licensee of an existing Standard, FM, Television, or International broadcast station, Paragraphs 1 through 9 need not be completed.

G. This application must be executed by applicant, if an individual; by a partner of applicant, if a partnership; by an officer of applicant, if a corporation or association; or by attorney of applicant only under conditions shown in Section 1.303, Rules Relating to Practice and Procedure, in which event satisfactory evidence of disability of applicant or his absence from the Continental United States and authority of attorney to act must be submitted with application.

H. Before filling out this application, the applicant should familiarize himself with the Communications Act of 1934, as amended, Parts 1, 2, 3, 4, and 17 of the Commission's Rules and Regulations.

I. BE SURE ALL NECESSARY INFORMATION IS FURNISHED AND ALL PARAGRAPHS ARE FULLY ANSWERED. IF ANY PORTIONS OF THE APPLICATION ARE NOT APPLICABLE, SPECIFICALLY SO STATE. DEFECTIVE OR INCOMPLETE APPLICATIONS MAY BE RETURNED WITHOUT CONSIDERATION.

File No.

Name and post office address of applicant (See Instruction D)

Send notices and communications to the following-named person at the post office address indicated:

1. Requested facilities

Channel	Transmitter output power	E.R.P. to community
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TV station to be rebroadcast

Call	Channel	Location
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Principal community to be served

City	State
Population of principal community	Estimated total population to be served

2. If authority to make changes in an existing station is requested

a. Present facilities

Specify channel, transmitter output power, and E.R.P. to community

Principal Community served

City	State
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b. If this application is for changes in an existing authorization, complete the first page of this form and any of the paragraphs necessary to show all substantial changes in information filed with the Commission in prior applications or reports. In the spaces below check Paragraphs submitted herewith and as to Paragraphs not submitted herewith refer to the prior application or report containing the requested information in accordance with Instruction E. (If contemplated expenditures are less than \$500.00, do not complete Paragraph 10 through 12).

Paragraph No.

Reference (File or Form No. and Date)

- 1 through 9 of Section II
- 10 through 12 of Section II
- 1 through 15 of Section III

The applicant hereby 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 an authorization in accordance with this application. (See Section 304 of the Communications Act of 1934.)

The applicant represents that this application is not filed for the purpose of impeding, obstructing, or delaying determination on any other application with which it may be in conflict.

All the statements made in the application and attached exhibits are considered material representations, and all the exhibits are a material part hereof and are incorporated herein as if set out in full in the application.

The applicant, or the undersigned on the applicant's behalf, states that he has endeavored to supply full and correct information as to all matters which are relevant to this application and that he has done so as to all matters within his own knowledge.

Dated this _____ day of _____, 19____

(NAME OF APPLICANT)

By _____

Subscribed and sworn to

TITLE

before me this _____ day of _____, 19____

SEAL

(Notary public's seal must be affixed where the law of jurisdiction requires, otherwise state that law does not require seal.)

NOTARY PUBLIC

My commission expires _____

EXHIBITS furnished as required by this form:

EXHIBIT NO.	PARA. NO. OF FORM	NAME OF OFFICER OR EMPLOYEE (1) BY WHOM OR (2) UNDER WHOSE DIRECTION EXHIBIT WAS PREPARED (SHOW WHICH)	OFFICIAL TITLE

LEGAL QUALIFICATIONS

INSTRUCTIONS: As used in Paragraphs 1 through 9, inclusive, of this Part, the words "party to this application" have the following meanings, respectively: In case of an *individual applicant*, the applicant. In case of a *partnership applicant*, all partners, including limited and silent partners. In case of a *corporate applicant*, all officers, directors, stockholders of record, persons owning the beneficial interest in any stock, subscribers to any stock, and persons who voted any of the voting stock at the last stockholders meeting. In case of any *other applicant*, all executive officers, members of the governing board, and owners or subscribers to any membership or ownership interest in the applicant.

(**Note:** If the applicant considers that to furnish a complete answer to the paragraphs referred to would be an unreasonable burden because of the number of parties involved, it may petition the Commission for a waiver of the strict terms of this requirement.)

1. Applicant is (check one): An individual , a general partnership , a limited partnership , a corporation , an unincorporated association .

2. If applicant is not an individual, give the State, District, Territory or Possession under the laws of which it is organized.

3. Complete Table I on page 3

CITIZENSHIP AND OTHER STATUTORY REQUIREMENTS

(See instructions above)

4. If applicant is an individual, is the applicant a citizen of the United States; or, if applicant is not an individual, are all parties to this application citizens of the United States? Yes No

If the answer is "No," state the name and citizenship of each person who is not a citizen of the United States.

5. a. Is applicant or any party to this application a representative of an alien or of a foreign government? Yes No

b. If applicant is a corporation, is more than 20 percent of the capital stock owned of record or may it be voted by aliens or representatives, or by a foreign government or a representative thereof, or by any corporation organized under the laws of a foreign country? Yes No

c. If the applicant is a corporation and is controlled by another corporation or corporations, is more than 25 percent of the capital stock of such controlling corporation or corporations owned of record or may it be voted by aliens, their representatives, or by any corporation organized under the laws of a foreign country? Yes No

d. If the answer to any of the foregoing parts of this paragraph is "yes", submit as Exhibit No. _____ a full disclosure concerning the persons and matters involved.

6. a. Has the applicant or any party to this application been finally adjudged guilty by a Federal court of unlawfully monopolizing or attempting unlawfully to monopolize radio communications, directly or indirectly, through the control of the manufacture or sale of radio apparatus, through exclusive traffic arrangements, or by any other means, or to have been using unfair methods of competition? (See Section 313 of the Communications Act of 1934) Yes No

b. If the answer is "Yes", submit as Exhibit No. _____ a full disclosure concerning the persons and matters involved, identifying the court and matters involved, identifying the court and the proceeding (by dates and file numbers), stating the facts upon which the proceeding was based or the nature of the offense committed, and the disposition of the matter.

7. Is applicant corporation, directly or indirectly, controlled by another corporation or legal entity? Yes No
 If the answer is "Yes", state below the name of such other corporation or legal entity, and state how such control, if any, exists and the extent thereof.

8. Is the corporation or legal entity named in Paragraph 7 in turn a subsidiary? Yes No
 If the answer is "Yes", submit the information in Table I for each company to and including the organization having final control.

9. The Commission is seeking in this paragraph information as to contracts and arrangements now in existence, as well as any arrangements or negotiations, written or oral, which relate to the present or future ownership, control or operation of the station; the questions must be answered in the light of this instruction.

a. Applicant's control over the station is to be by reason of: (Indicate by check mark)
 Ownership Lease Other authority

b. Name and address of the owner of the station (if other than the applicant)

c. Will the applicant have and maintain absolute control of the station, its equipment, and operation. Yes No
 If "No", explain

d. Are there any documents, instruments, contracts or understandings relating to ownership, management, use or control of the station or facilities, or any right or interest therein? Yes No
 If so, attach as Exhibit No. _____ copies of all such documents, instruments or contracts and state the substance of oral contracts or understandings.

FINANCIAL QUALIFICATIONS

10. Attach as Exhibit No. _____ a detailed showing as to how the cost of construction and operation will be financed.

11. Cost of proposed station

a. Give estimated initial costs of making installation for which application is made. In any event, the cost shown must be the costs in place and ready for service.

TRANSMITTER PROPER INCLUDING TUBES \$	ANTENNA SYSTEM, INCLUDING COUPLING EQUIPMENT, TRANSMISSION LINE \$	ACQUIRING LAND \$	
ACQUIRING OR CONSTRUCTING BUILDINGS \$	OTHER ITEMS, STATE NATURE \$	TOTAL \$	GIVE ESTIMATE COST OF OPERATION FOR FIRST YEAR \$

b. State the basis of the estimates in (a) above.

12. Attach as Exhibit No. _____ a detailed balance sheet showing applicant's assets, liabilities and net worth and state fully the facts showing applicant's financial responsibility with respect to the construction and operation of station.

Table I

INSTRUCTIONS: *If applicant is an individual*, fill out columns (a) and (b) stating (a) applicant's name and residence (home) address or addresses, and (b) applicant's date and place of birth. *If applicant is a partnership*, fill out columns (a), (b), (c) and (g), stating as to each general or limited partner (including silent partners): (a) name and residence (home) address or addresses, (b) date and place of birth, (c) nature of partnership interest (i.e. general or limited), and (g) percent of ownership interest. *If applicant is a corporation or an unincorporated association*, fill out all columns, giving the information requested as to all officers, directors and members of the governing board. In addition, give the information as to all stockholders, stock subscribers, holders of membership certificates of other ownership interests, unless the applicant has more than 20 stockholders, stock subscribers or holders of membership certificates or other ownership interests, in which case furnish the information as to all persons owning 10 percent or more of the capital stock, membership or ownership interest, and all persons who voted 10 percent or more of such stock or interest at the last meeting of stockholders, members or owners. If applicant is a corporation or unincorporated association, state in columns (g) the percent of voting stock or voting interest held, (d) whether or not the individual is a director or member of the governing board (Yes or No), (3) the number of shares of stock of all classes or membership interests held, and (f) the number of shares of stock of all classes or membership interests subscribed for.

NAME AND RESIDENCE (home) ADDRESS(es)	DATE AND PLACE OF BIRTH	NATURE OF PARTNERSHIP INTEREST OR OFFICE HELD	DIRECTOR OR MEMBER OF GOVERNING BOARD (YES OR NO)	NO. OF SHARES OF EACH CLASS OF STOCK OR NO. MEMBERSHIP OR OWNERSHIP INTERESTS		PERCENT OF OWNERSHIP OR PERCENT OF VOTING STOCK OR MEMBERSHIP
				NOW HELD (e)	SUBSCRIBED (f)	
(a)	(b)	(c)	(d)	(e)	(f)	(g)

ENGINEERING DATA

Name of applicant

1. Purpose of authorization applied for: (Indicate by check mark)

Construct a new station.

Modify an existing authorization.

2. Facilities requested

CHANNEL	EFFECTIVE RADIATED POWER ^{1/}	EMISSION	METHOD OF IDENTIFICATION ^{2/}
		6000A5/F3	

^{1/} The product of the rated transmitter power output, transmission line efficiency, and antenna power gain in the lobe of maximum radiation.

^{2/} If station identification will be transmitted by automatic keying of output carrier, show A-1. If station identification will be transmitted by automatic keying of superimposed audio frequency tone, show A-2.

3. Proposed transmitter location

State	County	City

Address or other description of location	Geographic coordinates ° ' " N. ° ' " W.

4. Attach as Exhibit No. _____ a map or maps (preferably topographic, if obtainable, such as U. S. Geological Survey quadrangles) for the area within 15 miles of the proposed transmitter location and show drawn thereon the following data:

- a. Proposed transmitter location accurately plotted.
- b. Principal community to be served by the proposed TV translator station
- c. Locations and call letters of all known standard (AM), FM, and TV broadcast stations (including TV translator stations) within 15 miles of the proposed transmitter site.
- d. Locations of all known radio stations of other classes (except amateur), such as Police, Fire, Aeronautical, Public Utility, etc., and known commercial or government receiving sites, within 2 miles of the proposed transmitter location.

5. Attach as Exhibit No. _____ a sketch showing a horizontal plan view of the proposed transmitting site with the arrangement of the receiving and retransmitting antennas, together with pertinent distances and directions.

6. Are there any terrain features between the proposed transmitting site and the community to be served which would interfere with line-of-sight transmission to any part of the principal community? Yes No. If the answer is yes, attach as Exhibit No. _____ a description of the extent of the area affected, the approximate number of people residing in the shielded area, and the receiving antenna elevation which would be required to obtain line-of-sight reception.

7. a. Can the signals of any television broadcast station be regularly received within the community to be served by the proposed translator with sufficient strength to produce an acceptable picture on an average TV receiver connected to a conventional roof-top (not more than 30 feet above ground) receiving antenna?

Yes No

b. Supply the following for the nearest station:

	DISTANCE TO	CALL LETTERS OF	LOCATION OF
VHF			
UHF			
TRANSLATOR			

8. Transmitting apparatus			Type number
Manufacturer			
Input Channel No.	Oscillator frequency	Output Channel No.	Rated power output P (watts)

9. Transmission line			
Manufacturer	Type	Length	Rated efficiency E for length given (decimal fraction)

10. Transmitting antenna			
Make	Basic Type \downarrow	Polarization	Power gain G (multiplier) in lobe of maximum radiation \downarrow
Orientation \downarrow	Height Above Ground	Elevation of Site \downarrow	Elevation of Community \downarrow
Effective radiated power R ($R = P \times E \times G$)			

- \downarrow Use general descriptive terms such as half-wave dipole, "bow-tie" with screen, corner reflector, 10 element Yagi, 4 element in-phase array, two stacked 5 element Yagis, etc.
- \downarrow Relative to a half-wave dipole.
- \downarrow Show the direction of the main radiation lobe in degrees with respect to true north in a 360 degree horizontal azimuth, numbered clockwise, with true north as zero azimuth.
- \downarrow Show the ground elevation above mean sea level at the base of the transmitting antenna.
- \downarrow Show the average elevation of the community above mean sea level, or in lieu thereof, the commonly used elevation figure for the community to be served.

11. Attach as Exhibit No. _____ a sketch showing the vertical plan view of the transmitting antenna and supporting structure (including building if antenna supporting structure is mounted atop an existing structure), with pertinent vertical dimensions clearly shown.

12. Will the proposed antenna supporting structure be shared with another station or stations of any class, or is the proposed antenna in the immediate vicinity of the radiating system of a standard (AM) broadcast station?
 If the answer is "yes", list the call signs and class of such stations.

Yes No

13. Attach as Exhibit No. _____ a polar diagram of the radiation pattern of the transmitting antenna, showing clearly the correct power relationship between the major lobe or lobes and the minor lobes of radiation. If a non-directive transmitting antenna will be employed, i.e., an antenna with an approximately circular radiation pattern, check this and omit the polar diagram.

14. Remote control

Location of control point

Monitoring equipment

Describe method of positive on and off control of transmitter from control point

15. Supervising engineer for installation

Name

Mailing address

Statement of qualifications

I certify that I am the Technical Director, Chief Engineer, or Consulting Engineer of the radio station for which this application is submitted and that I have examined the foregoing statement of technical information and that it is true to the best of my knowledge and belief. (This signature may be omitted provided the engineer's original signed report of the data from which the information contained herein has been obtained is attached hereto.)

Date

.....
 TECHNICAL DIRECTOR, CHIEF ENGINEER OR CONSULTING ENGINEER