

Section I UNITED STATES OF AMERICA  
FEDERAL COMMUNICATIONS COMMISSION

APPLICATION FOR AUTHORITY TO CONSTRUCT A NEW BROADCAST  
STATION OR MAKE CHANGES IN AN EXISTING BROADCAST STATION

INSTRUCTIONS

A. This form is to be used in applying for authority to construct a new AM (standard), commercial FM (frequency modulation), or television broadcast station, or to make changes in existing broadcast stations. This form consists of this part, Section I, and the following sections:

- Section II, Legal Qualifications of Broadcast Applicant
- Section III, Financial Qualifications of Broadcast Applicant
- Section IV, Statement of Program Service of Broadcast Applicant
- Section V-A, Standard Broadcast Engineering Data
- Section V-B, FM Broadcast Engineering Data
- Section V-C, Television Broadcast Engineering Data
- Section V-G, Antenna and Site Information

B. Prepare three copies of this form and all exhibits. Swear to one copy of Section I. Prepare two additional copies (a total of five) of Section V-G and associated exhibits. 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. Show date of preparation of each exhibit, antenna pattern, and map, and show date when each photograph was taken.

D. The name of the applicant stated in Section I hereof 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. In other Sections of the form the name need be only sufficient for identification of the applicant.

E. Information called for by this application which is already on file with the Commission (except that called for in Section V-G) 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 of 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. 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.

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

H. 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.

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 if different than above

1. Requested facilities

Frequency	Channel No.	Power in kilowatts		Minimum hours operation daily
		Night	Day	
hours of operation				
Unlimited	Sharing with (Specify Stations)		Other (Specify)	
Daytime only				
Limited				

hours of operation

Unlimited	Sharing with (Specify Stations)		Other (Specify)	
Daytime only				
Limited				

Type of station (as Standard, FM, Television)

Station location

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

(a) Present facilities

Frequency	Call	Channel No.	Power in kilowatts		Minimum hours operation daily
			Night	Day	
hours of operation					
Unlimited	Sharing with (Specify Stations)		Other (Specify)		
Daytime only					
Limited					

hours of operation

Unlimited	Sharing with (Specify Stations)		Other (Specify)		
Daytime only					
Limited					

Station location

City	State
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(b) If this application is for changes in an existing authorization, complete Section I and any other sections necessary to show all substantial changes in information filed with the Commission in prior applications or reports. In the spaces below check Sections submitted herewith and as to Sections 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 \$5,000, complete paragraph 1 of Section III only. Section IV is not required for applications for minor changes not involving change in power, change in frequency, change in hours of operation, or moving from city to city.)

Section No. Para. No. Reference (File or Form No. and Date)

- Section II
- Section III
- Section IV
- Section V

Have there been any substantial changes in the information incorporated in this application by reference in this paragraph? Yes  No

3. If this application is contingent on the grant of another pending application, state name of other applicant and file number of other application.





10. (Continued)

- e. Is there now pending in any court or administrative body against the applicant or any party to this application any action involving any of the matters referred to in Paragraphs 10a, b, c, and d above? Yes  No
- f. Have voluntary proceedings in bankruptcy been instituted by, or have involuntary proceedings in bankruptcy ever been brought against applicant or any party to this application? Yes  No
- g. Are there outstanding any unsatisfied judgments or decrees against applicant or any party to this application? Yes  No
- h. 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, 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.

## CORPORATE APPLICANT

INSTRUCTION: If applicant is a corporation, answer paragraphs 11 to 16, inclusive.

11. Stock of corporation

(a) Class of stock	(b) Par value	(c) Vote per share	(d) No. shares authorized	(e) No. shares issued	(f) No. shares subscribed	(g) Total number stockholders

12. At the last meeting of stockholders were any shares of stock voted by proxy? Yes  No   
If so, state

Class of stock	No. of shares	Meeting date	No. voted by stockholders in person	No. voted by proxy	Name of each proxy voting 1 percent more of each class

13. In connection with the stockholders and stock subscribers named in Table 1 to this form, is the beneficial owner of the stock a person other than the owner of record or subscriber? Yes  No 

If so, submit as Exhibit No. a statement of (a) the name of the owner of record, or subscriber, (b) the name of the beneficial owner, (c) the conditions under which the owner or subscriber holds any votes or has subscribed for such stock, and (d) a copy of any contract or other instrument relating to such conditions.

14. Has applicant any other obligations or securities authorized or outstanding which bear voting rights either absolutely or upon any contingency? Yes  No 

If so, submit as Exhibit No. a statement of (a) the nature of such securities, (b) the face value or par value, (c) the number of units authorized, (d) the number of units issued and outstanding, (e) the number of units, if any, proposed to be issued, (f) the conditions or contingency upon which such securities may be voted, and (g) facts showing whether or not such securities have been voted or entitled to be voted in the past 5 years and at the present time.

15a. Is applicant corporation, directly or indirectly, controlled by another corporation or legal entity? Yes  No b. Is 10 percent or more of the stock of applicant corporation owned by another corporation or legal entity? Yes  No 

c. If the answer to any of the foregoing parts of this paragraph is "Yes", state below the name of such other corporation or legal entity, and submit as Exhibit No. (a) a statement of how such control, if any, exists and the extent thereof, and (b) with respect to such other corporation or legal entity, a statement answering paragraphs 11 to 15, inclusive and the information requested in Tables I and II of this section.

16. Is the corporation or legal entity named in paragraph 15 in turn a subsidiary? Yes  No 

If so, state below the name of such other parent corporation or legal entity, and submit as Exhibit No. a statement for each such corporation or legal entity answering paragraphs 11 to 16, and the information requested in Tables I and II of this section, to and including the organization having final control.

## UNINCORPORATED ASSOCIATION (OR OTHER LEGAL ENTITY)

INSTRUCTION: If applicant is an unincorporated association or a legal entity other than an individual, partnership or corporation, answer paragraphs 17 and 18.

17. State the nature of the applicant, cite the laws under which organized, and submit as Exhibit No. a copy of such laws.

18. State the total number of members or persons holding any ownership interest in the applicant.

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 3 percent or more of the capital stock, membership or ownership interest, and all persons who voted 3 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 column (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), (e) 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)  (a)	DATE AND PLACE OF BIRTH  (b)	NATURE OF PARTNERSHIP INTEREST OR OFFICE HELD  (c)	DIRECTOR OR MEMBER OF GOVERNING BOARD (Yes or No)  (d)	NO. SHARES OF EACH CLASS OF STOCK OR NO. MEMBERSHIP OR OWNERSHIP INTERESTS		PERCENT OF OWNER- SHIP OF PARTNERSHIP OR PERCENT OF VOTING STOCK OR MEMBERSHIP  (g)
				Now held (e)	Subscribed (f)	

Table II

## BUSINESS AND FINANCIAL INTERESTS

INSTRUCTIONS: The purpose of Table II is to obtain information concerning the occupation, business, and financial interests, at the present time and during the past 5 years, of the applicant and of each party to this application named in Table I. In column (a) list the names of all individuals or organizations listed in column (a) of Table I. In column (b) state the principal occupations and businesses in which each party named is engaged at the present time or has been engaged at any time during the past 5 years, and, in addition, state any other business or financial enterprise in which such party has now or within the past 5 years has had either a 25% or greater interest or any official relationship. In each case, state in column (b) the firm name, the principal place of business, and the nature of the business engaged in. In case the party has been associated in business with any other person or persons, state the name of each such other person. In column (c) state the extent and nature of the interest, official relationship, employment, or association, giving approximate dates.

(a) Name of party

(b) Firm name, principal place of business, and nature of business

(c) Extent and nature of interest, etc. (giving dates)

## OTHER BROADCAST INTERESTS (See instructions on page 1)

19. Does applicant or any party to this application have now, or has applicant or any such party had, any interest in, or connection with, the following:

(a) Any standard, FM, or television broadcast station?

Yes  No

(b) Any application pending before the Commission?

Yes  No

(c) Any application which has been denied by the Federal Communications Commission?

Yes  No

(d) Any broadcast station the license of which has been revoked?

Yes  No

If the answer to any of the foregoing parts of this paragraph is "Yes", show particulars in the table below:

(1) Name of party having such interest

(2) Nature of interest or connection (giving dates)

(3) Call letters of station or file number of application

(4) Location

20. Is the applicant or any party to this application controlled, directly or indirectly, by any person who has any interest in or connection with any broadcast station or application of the type referred to in Paragraphs 19(a) to (d)? If so, submit as Exhibit No. \_\_\_\_\_ giving full particulars.

Yes  No

21. (a) Are any of the parties to this application related to each other (as husband, wife, father, mother, brother, sister, son or daughter)?

Yes  No

(b) Does any member of the immediate family (i.e., husband, wife, father, mother, brother, sister, son or daughter) of any party to this application have any interest in or connection with any other broadcast station or pending application?

Yes  No

(c) If answer is "Yes" to either (a) or (b) above, state (a) names of the persons, (b) relationship, (c) nature and extent of such interest or connection, (d) name of applicant or call letters of station, (e) file number of application, and (f) location of station or proposed station involved.

## OWNERSHIP AND CONTROL OF STATION

22. 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, including complete supervision of the programs to be broadcast? If "No", explain

Yes  No

(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.

Additional Information to be Supplied by Applicants for Name of Applicant  
 Noncommercial Educational Television Broadcast Stations

1. (a) Describe clearly and in detail the character of the applicant (a public or private educational institution; a state, county, municipality or other political subdivision; or a board of education, school board, school district or other department or unit of a state or of one of its political subdivisions.)

(b) If applicant is a private educational institution, submit as Exhibit No. \_\_\_\_\_ a certified copy of its articles of incorporation or other authority under which it was organized, together with by-laws and amendments.

(c) If applicant is a public educational institution, submit as Exhibit No. \_\_\_\_\_ a certified copy of the laws (and amendments thereof) under which it was created with an appropriate citation as to the source thereof.

(d) If the applicant is a political subdivision, or a board, department or unit thereof, submit as Exhibit No. \_\_\_\_\_ a certified copy of the laws (and amendments thereof) under which said subdivision, board, department or unit was created with an appropriate citation as to the source thereof.

2. State whether applicant is a nonprofit educational institution or organization. If an institution, whether it is accredited, and by what authority.

3. If applicant is a state or a political subdivision thereof, does it have an independently constituted educational body, having autonomy in carrying out applicant's educational program? Yes  No

4. If applicant is a public or private educational institution, give details concerning the educational background of applicant's executive officers and members of its governing board.

5. (a) If the execution of this application was duly authorized by a governing body, give date and place of the meeting of said governing body.

(b) Submit as Exhibit No. \_\_\_\_\_ a certified copy of the resolution showing that: (i) a quorum of members having authority to act was present, (ii) the resolution was voted favorably by the members required, and (iii) the officer executing the application was authorized to do so.

6. (a) If applicant is a state or political subdivision thereof, or is a board, department or unit thereof, set forth fully and in detail all facts concerning the authority of the applicant to construct and operate a noncommercial educational television broadcast station and full information as to the sources of funds for the construction of such station, including whether such funds have been authorized, appropriated or how they will otherwise be made available.

(b) Submit as Exhibit No. \_\_\_\_\_ a certified copy of the statute, resolution or other authority (and amendments thereof) evidencing the above facts.



FINANCIAL QUALIFICATIONS  
OF BROADCAST APPLICANT

Name of Applicant

The Commission is seeking in the questions that follow 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 financing of the station; the questions must be answered in the light of this instruction.

1. a. Give estimated initial costs of making installation for which application is made. If performed under a contract for the completed work, the facts as to such contract must be stated in lieu of estimates as to the several items. In any event, the cost shown must be the costs in place and ready for service, including the amounts for labor, supervision, materials, supplies and freight. Cost items such as professional fees, mobile equipment, non-technical studio furnishings, etc. should be included under "Other Items" below.

Transmitter proper including tubes		Antenna system, including antenna-ground system, coupling equipment, transmission line		Frequency and modulation monitors		Studio technical equipment, microphones, transcription equipment, etc.	
\$		\$		\$		\$	
Acquiring land	Acquiring, remodeling, or constructing buildings	Other items itemize	Total	Give estimated cost of operation for first year	Give estimated revenues for first year		
\$	\$	\$	\$	\$	\$		\$

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

- e. The proposed construction is to be financed and paid for in the following manner (including specified statements as to the approximate amount to be net and paid for from each source.) The financial plan should provide for any additional construction costs should the actual cost exceed the original estimated cost, and also for the early operation of the station in the event operating expenses should exceed operating revenues:

Existing Capital	New Capital	Loans from banks or others	Profits from existing operations	Donations	Credit, deferred payments, etc.	Other sources (specify)
\$	\$	\$	\$	\$	\$	\$

2. a. Attach as Exhibit No. a detailed balance sheet of applicant as at the close of a month within 90 days of the date of the application showing applicant's financial position. If the status and composition of any assets and liabilities on the balance sheet are not clearly defined by their respective titles, attach as Exhibit No. schedules which give a complete analysis of such items.

- b. Attach as Exhibit No. a statement showing the yearly net income, after Federal income tax, for each of the past 2 years, received by applicant from the various types of activity in which he was engaged or from any other source.

3. Furnish the following information with respect to the applicant only. If the answer is "None" to any or all items, specifically so state:

a. Amount of funds on deposit in bank or other depository	b. Name and address of the bank in which deposited
c. Name and address of the party in whose name the money is deposited	
d. Conditions of deposit (in trust, savings, subject to check, on time deposit, who may draw on account and for what purpose, or other condition)	
e. Whether the funds were deposited for the specific purpose of constructing and operating the station	

## FUNDS, PROPERTY, ETC., TO BE FURNISHED BY PARTIES CONNECTED WITH APPLICANT OR BY OTHERS

4. Submit as Exhibit No. \_\_\_\_\_ a statement setting forth the full name and address of each person (whether or not connected with applicant, but including partners, shareholders, or subscribers to capital stock of the applicant) who has furnished or will furnish funds, property, service, credit, loans, donations, assurances, or other things of value, or will assist in any other manner in financing station. For each person (other than financial institutions or equipment manufacturers) who has furnished or will furnish one percent or more of the total of things of value excluding loans from financial institutions and equipment credit supply the additional information requested in a to g below. For financial institutions or equipment manufacturers, supply the additional information requested in h below. ("Furnish" or "furnished" as herein used includes payments for capital stock or other securities, loans and other credits, gifts and any other contributions.)
- a. A description of that which has been or will be furnished by each person showing the value thereof and any encumbrances thereon.
  - b. If the funds or other things of value proposed to be used for the purchase or construction of the station have been acquired for that specific purpose, indicate the source or sources thereof.
  - c. For each person who has agreed to furnish funds, purchase stock or extend credit, submit a verified copy of the agreement by which each person is so obligated, showing the amount, terms of repayment, if any, and security, if any.
  - d. For each person (except financial institutions) who has agreed to furnish funds or purchase stock, but who has not already done so, submit a balance sheet or, in lieu thereof, a financial statement showing all liabilities and containing current and liquid assets sufficient in amount to meet current liabilities (including amounts payable during the next year on long term liabilities) and, in addition, to indicate financial ability to comply with the terms of the agreement. The balance sheets submitted should segregate receivables and payables to show the amounts due within one year and those due after one year. The term current and liquid assets refers to items such as cash, or loan value of insurance, government bonds, stocks listed on major exchanges etc., or other assets which may be readily used or converted to provide funds to meet the proposed commitments. Assets such as accounts receivable, which result from normal operation of a business, stocks of close corporations, timberland, building lots, etc., are not considered as a readily available source of funds without a specific showing that such assets will provide funds to meet proposed commitments. If a balance sheet does not clearly indicate liquid assets sufficient in amount to meet current liabilities and in addition, proposed commitments, it should be supplemented by a statement showing the manner in which non-liquid assets will provide such funds. Any financial statement furnished in lieu of a balance sheet should, likewise, describe assets relied on to provide funds, in sufficient detail to permit a determination of current position and should be more than a mere statement of total assets and total liabilities or a statement of net worth.
  - e. As to each person who has or has had in the past 5 years an interest of 25% or more in any business or financial enterprise or any official relationship to any business or financial enterprise, give full and complete disclosure of the enterprise, the name and principal place of business, the character of business engaged in, and the nature and extent of the interest in or relationship to such business.
  - f. Net income after Federal income tax, received for the past two years by each person who has furnished or will furnish funds, property, service, credit, loans, donations, assurances, or other things of value. (A statement that income for the required periods was in excess of a certain specified amount will be sufficient.)
  - g. If applicant or any person named in the exhibit has pledged, hypothecated or otherwise encumbered any stocks or other securities for the purpose of providing applicant with funds for construction of the station herein requested, submit a statement explaining each such transaction.
  - h. For financial institutions or equipment manufacturers who have agreed to make a loan or extend credit, submit a verified copy of the agreement by which the institution or manufacturer is so obligated, showing the amount of loan or credit, terms of payment, if any, and security, if any.

STATEMENT OF PROGRAM SERVICE  
OF BROADCAST APPLICANT

Name of applicant

NOTICE TO ALL APPLICANTS

The replies to the following questions constitute a representation of programming policy upon which the Commission will rely in considering the application. It is not expected that licensee will or can adhere inflexibly in day-to-day operation to the representation here made. However, since such representation will constitute, in part, the basis upon which the Commission acts on the application, time and care should be devoted to the preparation of the replies so that they will reflect accurately applicant's responsible judgement of his proposed programming policy.

INSTRUCTIONS

1. Paragraphs 1 to 4 are divided into a left-hand column which pertains to past operation and a right-hand column which pertains to proposed operation. Applicants for new stations or assignees or transferees of existing stations are to fill in only the right-hand column while applicants for authorizations for renewal of existing station licenses are to fill in both columns.
2. Program data on past performance are to be based on the composite week for the year preceding the date of application except in the case of renewal applications where the year preceding the expiration date of the existing license is to be used. The days comprising the composite week of each year will be designated by public notice on or about November 15th of that year.
3. Program classifications incident to the replies to Paragraphs 2, 3, and 4 below, are to be in accordance with the definitions on Page 4 of this Section.
4. Assignees or transferees filing FCC Form 314 or 315 need not complete paragraphs 5 or 8.

PAST OPERATION

PROPOSED OPERATION (for a typical week)

1. (a) State actual minimum weekly schedule of operation under the present authorization, giving opening and closing time and total hours for weekdays and Sunday.

(b) State minimum weekly schedule of operation proposed by licensee, permittee, assignee or transferee, giving opening and closing time and total hours for weekdays and Sunday.

2. (a) State for the composite week the percentage of time which was devoted to each of the following types of programs (totals to equal 100%).

(b) State the percentage of time to be devoted to each of the following types of programs for a proposed typical week of operation under the authorization requested (totals to equal 100%). Attach program schedule for this proposed typical week and indicate thereon the class of each program in accordance with paragraph 4(b).

(1) Entertainment (include here all programs which are intended primarily as entertainment, such as music, drama, variety, comedy, quiz, breakfast, children's, etc.) ..... %

(1) Entertainment (include here all programs which are intended primarily as entertainment, such as music, drama, variety, comedy, quiz, breakfast, children's, etc.) ..... %

(2) Religious (include here all sermons, religious news, music, and drama, etc.) ..... %

(2) Religious (include here all sermons, religious news, music, and drama, etc.) ..... %

(3) Agricultural (include here all programs containing farm or market reports or other information specifically addressed to the agricultural population) ..... %

(3) Agricultural (include here all programs containing farm or market reports or other information specifically addressed to the agricultural population) ..... %

(4) Educational (include here programs prepared by or in behalf of educational organizations, exclusive of discussion programs which should be classified under (6) below) ..... %

(4) Educational (include here programs prepared by or in behalf of educational organizations, exclusive of discussion programs which should be classified under (6) below) ..... %

(5) News (include here news reports and commentaries) ..... %

(5) News (include here news reports and commentaries) ..... %

(6) Discussion (include here forum, panel and round-table programs) ..... %

(6) Discussion (include here forum, panel and round-table programs) ..... %

(7) Talks (include here all conversation programs which do not fall under Points (2), (3), (4), (5), or (6) above, including sports) ..... %

(7) Talks (include here all conversation programs which do not fall under Points (2), (3), (4), (5), or (6) above, including sports) ..... %

(8) ..... %

(8) ..... %

(9) ..... %

(9) ..... %

(10) Miscellaneous ..... %

(10) Miscellaneous ..... %

3. (a) Dividing the broadcast week into 15 minute periods, specify below the number of 14½ minute periods within such 15 minute periods during the composite week in which were broadcast (exclusive of non-commercial spot announcements, call letter announcements and promotional announcements for sustaining programs):

No. of 14½ minute periods

- (1) No spot announcements or commercial continuity
- (2) One spot announcement
- (3) Two spot announcements
- (4) Three spot announcements
- (5) Four spot announcements
- (6) Five or more spot announcements

Total number of 14½ minute periods

State the number of spot announcements (exclusive of non-commercial spot and call letter announcements, and promotional announcements for sustaining programs) broadcast during the

composite week which exceeded one minute in length \_\_\_\_\_  
(See definition of spot announcement)

(b) State what the practice of the station will be with respect to the number and length of spot announcements allowed in a given period.

4. In the tables below the percentages for each segment are to be computed on the basis of 100 percent of the operating hours within the particular segment for the seven days comprising the composite week (i.e., if full time operation, 70 hours for the 8 a.m. to 6 p.m. segment, 35 hours for the 6 p.m. to 11 p.m. segment, and the total weekly hours of operation between 11 p.m., and 8 a.m. for the third segment). The percentages in the column headed "Total" are to be computed on the basis of 100 percent of operating hours for the seven days.

The exact number of spot announcements should be stated, including those broadcast within participating programs, but excluding call letter announcements (call letters and location) and promotional announcements for sustaining programs.

NOTE: The purpose of the following tabulation is to enable the Commission to secure quantitative data as to the proportion of time (to be) devoted to the various classes of programs. The function of each class of program as part of a diversified program structure is discussed in the Commission's Report of March 7, 1946, entitled "Public Service Responsibility of Broadcast Licensees".

(a) State the percentage of time which was devoted to each of the following classes of programs during the composite week.

PROGRAM LOG ANALYSIS (in percentages)

8 a.m.- 6 p.m.	6 p.m.- 11 p.m.	All other hours	Total
----------------	-----------------	-----------------	-------

- (1) Network commercial (NC)
- (2) Network sustaining (NS)
- (3) Recorded commercial (RC)
- (4) Recorded sustaining (RS)
- (5) Wire commercial (WC)
- (6) Wire sustaining (WS)
- (7) Live commercial (LC)
- (8) Live sustaining (LS)
- (9) Total commercial (1+3+5+7)
- (10) Total sustaining (2+4+6+8)
- (11) Complete Total

(b) Show in the table below the percentage of time proposed to be devoted to each of the following classes of programs during a proposed typical week of operation.

PROGRAM LOG ANALYSIS (in percentages)

8 a.m.- 6 p.m.	6 p.m.- 11 p.m.	All other hours	Total
----------------	-----------------	-----------------	-------

- (1) Network commercial (NC)
- (2) Network sustaining (NS)
- (3) Recorded commercial (RC)
- (4) Recorded sustaining (RS)
- (5) Wire commercial (WC)
- (6) Wire sustaining (WS)
- (7) Live commercial (LC)
- (8) Live sustaining (LS)
- (9) Total commercial (1+3+5+7)
- (10) Total sustaining (2+4+6+8)
- (11) Complete Total

(12) Actual broadcast hours (per week)

(13) No. of spot announcements (SA) (per week)

(14) No. of non-commercial spot announcements (NCSA) (per week)

(12) Proposed broadcast hours (per week)

(13) No. of spot announcements (SA) (per week)

(14) No. of non-commercial spot announcements (NCSA) (per week)

<p>5. (a) Attach as Exhibit No. _____ the original or one exact copy of the program log for the seven days comprising the composite week analyzed in the preceding paragraphs. (If original logs are submitted they will be returned.)</p>	<p>8. If this application is for an FM authorization, will the programs of any AM station operating in the same area be duplicated? If the answer is yes, Yes <input type="checkbox"/> No <input type="checkbox"/></p>
<p>(b) What year's composite week has been analyzed in the foregoing paragraphs?</p>	<p>(a) How many hours per day will be devoted to duplicated programs?</p>
<p>6. Will the proposed station be affiliated with any network? Yes <input type="checkbox"/> No <input type="checkbox"/> of the answer is "Yes", give the name of the network.</p>	<p>(b) Call letters and location of the AM station</p>
<p>7. Attach as Exhibit No. _____ a narrative statement on the policy to be pursued with respect to making time available for the discussion of public issues, including illustrations of the types of programs to be broadcast and the methods of selection of subjects and participants.</p>	<p>(c) What kinds of programs (musical, sports, etc.) will be duplicated?</p>
	<p>9. State the average number of hours per week which will be used in advertising or promoting any business, profession or activity other than broadcasting in which the applicant is engaged or financially interested either directly or indirectly. If this is an application for renewal of license, show this data for the past license period also.</p> <p>10. If the data furnished in response to the questions in this Section IV do not in the applicant's opinion adequately reflect station operation, attach as Exhibit No. _____ a statement setting forth any additional program data that the applicant desires to call to the Commission's attention. (If the applicant feels that the program material classified in Paragraph 2 is susceptible of classifications other than those listed he may supplement Paragraph 2 with an explanatory statement in this Exhibit.)</p>
<p>11. If this application is for a television authorization, will programs be broadcast in color? Yes <input type="checkbox"/> No <input type="checkbox"/> If "Yes", will programs be: Network <input type="checkbox"/> Local Live <input type="checkbox"/> Local Slide <input type="checkbox"/></p>	
<p>12. State applicant's general plans for staffing the station, including the number of employees in each department (i.e. program, commercial, technical, etc.), and the names, residence and citizenship of the general manager, station manager, program director and other department heads who have been employed or whom the applicant expects to employ.</p>	

## PROGRAM CLASSIFICATION

A commercial program (C) is any program the time for which is paid for by a sponsor or any program which is interrupted by a spot announcement (as defined below), at intervals of less than 14 1/2 minutes. A network program shall be classified as "commercial" if it is commercially sponsored on the network, even though the particular station is not paid for carrying it--unless all commercial announcements have been deleted from the program by the station. Cooperative programs furnished to its affiliates by a network which are available for local sponsorship are network sustaining programs (NS) if no local sponsorship is involved and are network commercial programs (NC) where there is local sponsorship even though the commercial announcement is made by the station's local announcer.

(It will be noted that any 14 1/2 minute segment of a program which is interrupted by a commercial announcement is classified as a commercial program, even though the purchaser of the interrupting announcement has not also purchased the time preceding and following. The result is to classify so called "participating" programs as commercial. Without such a rule, a 15-minute program may contain 5 or even more minutes of advertising and still be classified as "sustaining". Under the proposed definition, a program may be classified as "sustaining" although preceded and followed by spot announcements, but if a spot announcement interrupts a program, the 14 1/2 minute segment so interrupted must be classified as "commercial.")

A sustaining program (S) is any program which is neither paid for by a sponsor nor interrupted by a spot announcement (as defined below.)

A network program (N) is any program furnished to the station by a network or another station. Delayed broadcasts of transcribed programs or films, originated by networks are classified as "network" not "recorded." Cooperative programs furnished to its affiliates by a network which are available for local sponsorship are network sustaining programs (NS) if no local sponsorship is involved and are network commercial programs (NC) where there is local sponsorship even though the commercial announcement is made by the station's local announcer. Programs are classified as network whether furnished by a nationwide, regional, or special network or by another station.

A recorded program (R) is any program which uses phonograph records, electrical transcriptions, films, or other means of mechanical reproduction in whole or in part--except where the recording is wholly incidental to the program and is limited to background sounds, sound effects, identifying themes, musical "bridges", etc. A program part transcribed or recorded and part live is classified as "recorded" unless the recordings are wholly incidental, as above. A transcribed delayed broadcast of a network program, however, is not classified as "recorded" but as "network." A recorded or filmed program which is a local live program produced by the station and recorded for later broadcasting by the station shall be considered a local live program.

A wire program (W) is any program the text of which is distributed to a number of stations by telegraph, teletype, or similar means, and read in whole or in part by a local announcer. Programs distributed by the wire news services are "wire" programs. A news program which is part wire and in part of non-syndicated origin is classified as "wire" if more than half of the program is usually devoted to the reading verbatim, or virtually verbatim, of the syndicated wire text, and otherwise is classified as "live."

A local live program (L) is any local program which uses live talent exclusively, whether originating in the station's studios or by remote control. Programs furnished to a station by a network or another station, however, are not classified as "live" but as "network". A program which uses recordings in whole or in part, except in a wholly incidental manner, should not be classified as "live" but as "recorded." Wire programs, as defined above, should likewise not be classified as "live". A recorded program which is a local live program produced by the station and recorded for later broadcasting by the station shall be considered a local live program.

A non-commercial spot announcement (NCSA) is an announcement which is not paid for by a sponsor and which is devoted to a non-profit cause--e.g., war bonds, Red Cross, public health, civic announcements, etc. Promotional announcements should be classified as "non-commercial spot announcements" if the program promoted is a sustaining program; other promotional announcements should be classified as "spot announcements". Participating announcements should not be classified as "non-commercial spot announcements" but as "spot announcements." War bond, Red Cross, civic and similar announcements for which the station receives remuneration should not be classified as "non-commercial spot announcements" but as "spot announcements."

A spot announcement (SA) is any announcement which is neither a non-commercial spot announcement (as above defined) nor a station identification announcement (call letters and location). An announcement should be classified as a "spot announcement," whether or not the station receives remuneration, unless it is devoted to a nonprofit cause. Sponsored time signals, sponsored weather announcements, etc. are spot announcements. Unsponsored time signals, weather announcements, etc., are program matter and not classified as announcements. Station identification announcements should not be classified as either non-commercial spot announcements or spot announcements, if limited to call letters, location and identification of the licensee and network. Commercial continuity on sponsored programs is not classified as spot announcements.

STANDARD BROADCAST  
ENGINEERING DATA

Name of applicant

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

(If application is for a new station or for any of the changes numbered B through F, complete all paragraphs of this form; if change G is of a character which will change coverage or increase the overall height of the antenna structure more than 20 feet, answer all paragraphs, otherwise complete only paragraphs 2 and 10 and the appropriate other paragraphs; for changes H through N, complete only paragraph 2 and the appropriate other paragraphs; for change O complete only paragraphs 2 and 5.)

- A.  Construct a new station  
 B.  Change power  
 C.  Change transmitter location  
 D.  Change frequency  
 E.  Approval of site and antenna  
 F.  Special Service Authorization  
 G.  Change in antenna system (including addition of FM and TV antennas)  
 H.  Change frequency control equipment  
 I.  Change tubes in last radio stage  
 J.  Change system of modulation  
 K.  Change transmitter  
 L.  Install auxiliary or alternate main transmitter  
 M.  Other changes (specify)  
 N.  Change studio location

If this application is not for a new station, summarize briefly the nature of the changes proposed.

## 2. Facilities requested

Frequency	Hours of operation	Power in kilowatts	
		Night	Day

## 3. Station location

State	City or town
-------	--------------

## 4. Transmitter location

State	County
City or Town	Street Address (or other identification)

## 5. Main studio location

State	County
City or Town	Street and number, if known

## 6. Remote control point location

State	City or town
-------	--------------

Street Address (or other identification)

## 7. Transmitter

Make	Type No.	Rated Power
------	----------	-------------

(If the above transmitter has not been accepted for licensing by the F.C.C., attach as Exhibit No. a complete showing of transmitter details. Showing should include schematic diagram and full details of frequency control. If changes are to be made in licensed transmitter include schematic diagram and give full details of change.)

## 8. Modulation monitor

Make	Type No.
------	----------

## 9. Frequency monitor

Make	Type No.
------	----------

## 10. Antenna system, including ground or counterpoise

Non-Directional Antenna: Day <input type="checkbox"/> Night <input type="checkbox"/>	Directional Antenna: Day only (DA-D) <input type="checkbox"/> Night only (DA-N) <input type="checkbox"/> Same constants and power day and night (DA-1) <input type="checkbox"/> Different constants or power day and night (DA-2) <input type="checkbox"/>
---	--

(If a directional antenna is proposed submit complete engineering data. Show clearly whether directional operation is for day or night or both. If day and night patterns are different give full information on each pattern. This information is in addition to the information in Paragraph 10 and is submitted as Exhibit No. and signed by the engineer who designed the antenna system.)

Type radiator	If antenna is either top loaded or sectionalized, describe fully as Exhibit No.
---------------	---

Overall height in feet above ground. (Without obstruction lighting)	Overall height in feet above mean sea level. (Without obstruction lighting)
---	---

Overall height in feet above ground. (With obstruction lighting)	Overall height in feet above mean sea level. (With obstruction lighting)
--	--

Excitation	Series <input type="checkbox"/>	Shunt <input type="checkbox"/>
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Geographic coordinates to nearest second.  
 For directional antenna give coordinates of center of array.  
 For single vertical radiator give tower location.

North latitude	West longitude
0 . . .	0 . . .

If not fully described above, give further details and dimensions including any other antennas mounted on tower and associated isolation circuits as Exhibit No. (Height figures should not include obstruction lighting.)

Submit as Exhibit No. a plat of the transmitter site showing boundary lines, and roads, railroads, or other obstructions; and also layout of the ground system or counterpoise. Show number and dimensions of ground radials or if a counterpoise is used, show height and dimensions

11. Attach as Exhibit No. a sufficient number of aerial photographs taken in clear weather at appropriate altitudes and angles to permit identification of all structures in the vicinity. The photographs must be marked so as to show compass directions, exact boundary lines of the proposed site, and locations of the proposed 1000 mv/m contour for both day and night operation. Photographs taken in eight different directions from an elevated position on the ground will be acceptable in lieu of the aerial photographs if the data referred to can be clearly shown.

12. Attach as Exhibit No. map or maps (same map or maps supplied for Paragraph 16 may be used) having reasonable scales showing the following:

- (a) The 1000, 25, 5 and 2 mv/m contours, both existing and as proposed by the application for both day and night operation. (NOTE: The 2 mv/m nighttime contour need not be supplied if service is not rendered thereto.);
- (b) The normally protected contours of the station both existing and as proposed by the application for both day and night operation. When the application includes 1 kilowatt nighttime operation on a regional channel both the 2.5 and 4.0 mv/m contours should be supplied;
- (c) The interference-free contours of the station both existing and as proposed by the application, for both day and night operation (including nighttime computed RSS for a Class IV station) if the station would be limited inside its normally protected contours by any other station or stations;
- (d) The present normally protected and interference-free contours for both day and night operation of each station to which objectionable interference will be caused (without regard to this interference from the station as proposed by the application);
- (e) The resulting interference-free contours of the stations in (d) above, considering the interference from the operation of the station as proposed by the application.

13. Attach as Exhibit No. a statement describing in detail the methods employed in determining the contours required in Paragraph 12 above (including conductivities, basis therefor and how used, effective fields and how obtained, interference fields, and other pertinent data.)

14. Areas and populations

Attach as Exhibit No. tables of the areas and populations within the contours included in Paragraph 12 above.

(NOTE: See the Standard Broadcast Technical Standards. All towns and cities having populations in excess of those given in Section 3.182(g) are not to be included in the tabulation of populations within the service contours. The 1950 or later Census Minor Civil Division maps are to be used in making population counts, subtracting any towns or cities not receiving adequate service, and where contours cut a minor division assuming a uniform distribution of population within the division, to determine the population included in the contours unless a more accurate count is made.)

15. Attach as Exhibit No. a statement giving the basis for the above areas and populations.

16. Attach as Exhibit No. map or maps having reasonable scales clearly showing the following:

- (a) Proposed antenna location
- (b) General character of the city or metropolitan district, particularly the retail business, wholesale business, manufacturing, residential, and unpopulated areas (by symbols, cross-hatching, colored crayons, or other means)
- (c) Heights of buildings or other structures and terrain elevations in the vicinity of the antenna, indicating the location thereof

- (d) Transmitter location and call letters of all radio stations (except amateur) and the location of established commercial and government receiving stations within 2 miles of the proposed transmitter location. Call letters and locations of broadcast stations, including FM and television, within 5 miles must be shown.
- (e) Terrain

17. If this application is for modification of construction permit state briefly as Exhibit No. the present status of construction and indicate when it is expected that construction will be completed.

I certify that I am the Technical Director, Chief Engineer or Consulting Engineer for the applicant 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







TELEVISION BROADCAST ENGINEERING DATA Name of applicant

1. Purpose of authorization applied for: (Indicate by check mark)
- (If application is for a new station or for any of the changes numbered B through D, complete all paragraphs of this form; if change E is of a character which will change coverage or increase the overall height of the antenna structure more than 20 feet, answer all paragraphs, otherwise complete only paragraphs 2 and 7 and the appropriate other paragraphs; for changes F through I, complete only paragraph 2 and the appropriate other paragraphs; for change J, complete only paragraphs 2, 5 and 16(b).)
- A.  Construct a new station
  - B.  Change effective radiated power or antenna height above average terrain
  - C.  Change transmitter location
  - D.  Change frequency
  - E.  Change antenna system
  - F.  Construct or change auxiliary antenna system
  - G.  Change transmitter
  - H.  Install auxiliary or alternate main transmitter
  - I.  Other changes (specify)
  - J.  Change studio location

<b>2. Facilities requested</b>		<b>7. (a) Antenna structure</b>	
Frequency _____ Mc.	Channel No. _____	Is the proposed construction in the immediate vicinity of any other radio station or will the proposed transmitting antenna be supported by the antenna structure of any other radio station? If "Yes", attach as Exhibit No. _____ complete engineering data showing details and effect upon other station. Yes <input type="checkbox"/> No <input type="checkbox"/>	
Effective Radiated Power (visual) In dbk: In kw:	Effective Radiated Power (aural) In dbk: In kw:	Antenna height above average terrain feet	Submit as Exhibit No. _____ a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features.
<b>3. Station location (principal community)</b>		Overall height in feet above ground. (Without obstruction lighting)	Overall height in feet above mean sea level. (Without obstruction lighting)
State	City or town	Overall height in feet above ground. (With obstruction lighting)	Overall height in feet above mean sea level. (With obstruction lighting)
<b>4. Transmitter location</b>		Height of antenna radiation center in feet above mean sea level. feet	
State	County	Geographical coordinates of antenna (to nearest second) North latitude _____ West longitude _____	
City or town	Street Address (or other identification)		
<b>5. Main studio location</b>		How were coordinates determined?	
State	County	Indicate by check mark the zone in which structure is located. 1 <input type="checkbox"/> 2 <input type="checkbox"/> 3 <input type="checkbox"/>	
City or town	Street address	(b) Antenna data	
<b>6. Transmitters</b>		Visual	
Visual		Make	Type No.
Make	Type No.	Rated power In dbk: In kw:	
Aural		Number of sections	Rated input power in dbk
Make	Type No.	Power gain in db	
Rated Power In dbk: In kw:		Aural (if separate)	
(If the above transmitter has not been accounted for licensing by the F.C.C., attach as Exhibit No. _____ a complete showing of transmitter details. Showing should include schematic diagram and full details of frequency control. If changes are to be made in licensed transmitter include schematic diagram and give full details of change.)		Make	Type No.
		Number of sections	Rated input power in dbk
(a) Describe in Exhibit No. _____ means which will be used for determining and maintaining power output of the transmitters to the values specified in this application.		Power gain in db	
		If directional antenna is proposed, give full details including horizontal and vertical plane radiation patterns, as Exhibit No. _____	
(b) Multiplexer: Make _____ Type No. _____		Is electrical or mechanical beam tilting proposed? If so, describe fully in Exhibit No. _____ including horizontal and pertinent vertical radiation patterns. Yes <input type="checkbox"/> No <input type="checkbox"/>	
Rated input power _____ dbk		Will antenna be altered to provide null fill-in? Yes <input type="checkbox"/> No <input type="checkbox"/>	
Rated loss: Visual _____ db Aural _____ db		If yes, describe fully in Exhibit No. _____	

8. Transmission line proposed to supply power to the antenna from the transmitter

(a) Visual			(b) Aural (if separate)		
Make	Type No.	Rated input power in dbk	Make	Type No.	Rated input power in dbk
Size (nominal inside transverse dimensions) in inches	Length in feet	Power loss in db for this length	Size (nominal inside transverse dimension) in inches	Length in feet	Power loss in db for this length

9. Proposed operation

(a) Visual				(b) Aural			
Transmitter power output (after vestigial side-band filter, if used)		Multiplexer loss in db:		Input to transmission line in dbk:		Effective radiated power	
In dbk:						In dbk:	
In kw:						In kw:	
Transmission line power loss in db:	Antenna input power in dbk:	Antenna power gain in db:	Effective radiated power	Transmission line power loss in db:	Antenna input power in dbk:	Antenna power gain in db:	Effective radiated power
			In dbk:				In dbk:
			In kw:				In kw:

10. Modulation monitors

(a) Visual monitor or monitoring equipment		(b) Aural monitor	
Make	Type No.	Make	Type No.
11. Frequency monitors			
(a) Visual monitor		(b) Aural monitor	
Make	Type No.	Accuracy	
Make	Type No.	Accuracy	

14. (a) Attach as Exhibit No. \_\_\_\_\_ a map(s) (topographic where 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:

- Proposed transmitter location—accurately plotted;
- Transmitter location and call letters of all known radio stations (except amateur) and the location of known commercial and government receiving stations within 2 miles of the proposed transmitter location;
- Character of the area within 2 miles of proposed transmitter location, suitably designated as to residential, business, industrial, and rural nature;
- At least eight radials each extending to a distance of ten or more miles from the proposed transmitter location, one or more of which must extend through the principal city to be served.

12. If the above monitors or monitoring equipment have not been approved by the F.C.C., include as Exhibit No. \_\_\_\_\_ a brief technical description of each.

(b) Attach as Exhibit No. \_\_\_\_\_ profile graphs with reasonably large scales for the radials in (a) (5) above. Each graph shall show the elevation of the antenna radiation center. Identify each graph by its bearing from the proposed transmitter location. Direction of true north shall be zero azimuth, with angles measured clockwise. Show source of topographical data on each.

13. Will the studios, cameras, microphones, and other equipment proposed for transmission of programs be designed for compliance with the Commission's Rules?  Yes  No

15. From the profile graphs in 14 (b), for the eight mile distance between two and ten miles from the proposed transmitter location, and in accordance with the procedure prescribed in the Commission's Rules, supply the following tabulation of data:

Radial bearing (degrees true)	Average elevation of radial (2-10 mi.) in feet above mean sea level	Height in feet of antenna radiation center above average elevation of radial (2-10 mi.)	Effective radiated power in radial direction	Predicted distance in miles to the Grade A contour	Predicted distance in miles to the Grade B contour
0	..... feet	..... feet	..... dbk	..... mi.	..... mi.
45	.....	.....	.....	.....	.....
90	.....	.....	.....	.....	.....
135	.....	.....	.....	.....	.....
180	.....	.....	.....	.....	.....
225	.....	.....	.....	.....	.....
270	.....	.....	.....	.....	.....
315	.....	.....	.....	.....	.....
(6)	.....	.....	.....	.....	.....
Average	.....	.....	.....	.....	.....

\*Radial over principal community if not included above. Do not include in average.  
 Antenna height above average terrain \_\_\_\_\_ feet (must be identical with Paragraph 2)

16. Attach as Exhibit No. \_\_\_\_\_ map(s) (Sectional Aeronautical charts where obtainable, preferably without aeronautical overlay) of the area proposed to be served and show drawn thereon:

- (a) Proposed transmitter location and the radials along which the profile graphs have been prepared;
- (b) The studio location and boundaries of the principal community;
- (c) The predicted Grade A and Grade B contours from 12 above;
- (d) The required minimum field strength contour;
- (e) Scale of miles.

17. Attach as Exhibit No. \_\_\_\_\_ a sufficient number of aerial photographs taken in clear weather at appropriate altitudes and angles to show the nature of the surrounding terrain in the vicinity of the proposed transmitter site. The photographs must be marked so as to show compass directions. Photographs taken in eight different directions from an elevated position on the ground will be acceptable in lieu of the aerial photographs if the area can be clearly shown.

(Give date photographs were taken.)

18. Will the minimum required value of field strength predicted in accordance with the method prescribed in the Commission's Rules, be provided over the entire principal community proposed to be served?

Yes  No

19. Will the main studio be located within the limits of the principal community proposed to be served.

Yes  No

20. (a) Does the proposed transmitter location comply with the minimum separation requirements of the Commission's Rules?

Yes  No

- (b) If any co-channel separations are proposed that are less than the applicable minimum separation requirement plus 20 miles, or if other channel separations are proposed that are less than the applicable minimum separations plus 10 miles, list such separations below. (Include existing stations, proposed stations and cities which appear in the table of assignments; the location and geographical coordinates of each antenna, proposed antenna or reference point as appropriate; the distance to each from the proposed transmitter location; and the method used in each instance to measure the distance.) If none, so state.

21. If this is an application for modification of construction permit state briefly as Exhibit No. \_\_\_\_\_ the present status of construction and indicate when it is expected that construction will be completed.

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

<b>ANTENNA AND SITE INFORMATION</b> (see instruction B Section I)	Name of applicant	
	Address where applicant can be reached in person	

Since this Section is submitted to the Regional Airspace Subcommittee of the Air Coordinating Committee for clearance in connection with obstructions to air navigation, it is necessary that all the data called for be supplied. Previously and separately filed data must not be incorporated by reference.

Legal Counsel	Purpose of application (Check appropriate box) a. New antenna construction <input type="checkbox"/> b. Alteration of existing antenna structures <input type="checkbox"/> c. Change in location <input type="checkbox"/>
Address	

Consulting Engineer	2. Features of surrounding terrain List any natural formations or existing man-made structures (hills, trees, water tanks, towers, etc.) which, in the opinion of the applicant, would tend to shield the antenna from aircraft and thereby minimize the aeronautical hazard of the antenna.
Address	

Class of station	Facilities requested
------------------	----------------------

1. Location of antenna		
State	County	City or Town

Exact antenna location (street address) (If outside city limits, give distance and direction from, and name of nearest town)	Submit as Exhibit No. a chart on which is plotted the exact location of the antenna site, and also the relative location of the natural formations and/or the existing man-made structures listed above. The chart used shall be an Instrument Approach Chart (or the landing chart on reverse side thereof), or a Sectional Aeronautical Chart, choice depending upon proximity of the antenna site to landing areas. 1/ In general, the Sectional Aeronautical Chart should be used only when the antenna site is more than 10 miles from a landing area or when an Instrument Approach Chart is unobtainable. 1/ These charts may be purchased from the U. S. Coast and Geodetic Survey, Washington 25, D. C. 1/ Exception - Where the proposed antenna site is within the boundary of a landing area for which no Instrument Approach Chart is available, submit a self-made, large scale map showing antenna site, runway(s) and existing man-made structures listed above.
--	--

Geographic coordinates (to be determined to nearest second. For directional antenna give coordinates of center of array.) For single vertical radiator give tower location.	
North latitude °   '   "	West longitude °   '   "

3. Designation, distance, and bearing to center line of nearest established airway within 5 miles

4. List all landing areas within 10 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

Landing Area	Distance	Direction
(a) _____	_____	_____
(b) _____	_____	_____
(c) _____	_____	_____

5. Description of antenna system (If directional, give spacing and orientation of towers).

Type						
Description of tower(s)						
Self-supporting	Guyed			Tubular (Pole)		
Tower (height figures should include obstruction lighting)	#1	#2	#3	#4	#5	#6
Height of radiating elements						
Overall height above ground						
Overall height above mean sea level						

If a combination of Standard, FM, or TV operation is proposed on the same multi-element array (either existing or proposed) submit as Exhibit No. a horizontal plan for the proposed antenna system, giving heights of the elements above ground and showing their orientation and spacing in feet. Clearly indicate if any towers are existing.

Submit as Exhibit No. a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features. Clearly indicate existing portions, noting painting and lighting.

Is the proposed antenna system designed so that obstruction lights may be installed and maintained at the uppermost point(s)? Yes  No

6. Is the proposed site the same or immediately adjoining the transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission? Yes  No

Date \_\_\_\_\_

If the answer is "Yes", give

Call letters	File numbers	Signature of Engineer preparing data
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**ANTENNA AND SITE INFORMATION**  
(see instruction B  
Section I)

Name of applicant

Address where applicant can be reached in person

Since this Section is submitted to the Regional Airspace Subcommittee of the Air Coordinating Committee for clearance in connection with obstructions to air navigation, it is necessary that all the data called for be supplied. Previously and separately filed data must not be incorporated by reference.

Legal Counsel

Address

Consulting Engineer

Address

Class of station

Facilities requested

**1. Location of antenna**

State

County

City or Town

Exact antenna location (street address) (If outside city limits, give distance and direction from, and name of nearest town)

Geographic coordinates (to be determined to nearest second. For directional antenna give coordinates of center of array.) For single vertical radiator give tower location.

North latitude

° ' "

West longitude

° ' "

3. Designation, distance, and bearing to center line of nearest established airway within 5 miles

4. List all landing areas within 10 miles of antenna site. Give distance and direction to the nearest boundary of each landing area from the antenna site.

Landing Area	Distance	Direction
(a) _____	_____	_____
(b) _____	_____	_____
(c) _____	_____	_____

5. Description of antenna system (if directional, give spacing and orientation of towers).

Type

Description of tower(s)

Self-supporting

Guyed

Tubular (Pole)

Tower (height figures should include obstruction lighting)

#1

#2

#3

#4

#5

#6

Height of radiating elements

Overall height above ground

Overall height above mean sea level

If a combination of Standard, FM, or TV operation is proposed on the same multi-element array (either existing or proposed) submit as Exhibit No. \_\_\_\_\_ a horizontal plan for the proposed antenna system, giving heights of the elements above ground and showing their orientation and spacing in feet. Clearly indicate if any towers are existing.

Submit as Exhibit No. \_\_\_\_\_ a vertical plan sketch for the proposed total structure (including supporting building if any) giving heights above ground in feet for all significant features. Clearly indicate existing portions, noting painting and lighting.

Is the proposed antenna system designed so that obstruction lights may be installed and maintained at the uppermost point(s)?

Yes  No

6. Is the proposed site the same or immediately adjoining the transmitter-antenna site of other stations authorized by the Commission or specified in another application pending before the Commission?

Yes  No

Date \_\_\_\_\_

If the answer is "Yes", give

Call letters

File numbers

Signature of Engineer preparing data