

Information and Instructions**Application for ITFS Authorization for:**

- **New Facilities**
- **Modification of Existing Facilities**
- **Receive/Response Stations**
- **Relay Stations**
- **Assignment of License/Transfer of Control of License**

**NOTICE TO INDIVIDUALS REQUIRED BY THE PRIVACY ACT OF 1974 AND
THE PAPERWORK REDUCTION ACT OF 1995**

We have estimated that each response to this collection of information will take on average 10 hours. Our estimate includes the time to read the instructions, look through existing records, gather and maintain required data, and actually complete and review the form or response. If you have any comments on this estimate, or on how we can improve the collection and reduce the burden it causes you, please write the Federal Communications Commission, AMD-PERM, Washington, DC 20554, Paperwork Reduction Project (3060-0062). We will also accept your comments via the Internet if you send them to jboley@fcc.gov. *Please do not send completed application forms to this address.*

You are not required to respond to a collection of information sponsored by the Federal government, and the government may not conduct or sponsor this collection unless it displays a currently valid OMB control number with this notice. This collection has been assigned OMB control number 3060-0062.

The FCC is authorized under the Communications Act of 1934, as amended, to collect the personal information we request in this form. We will use the information you provide to determine whether approving this application is in the public interest. If we believe there may be a violation or potential violation of a statute, FCC regulation, rule or order, your application may be referred to the Federal, state, or local agency responsible for investigating, prosecuting, enforcing or implementing the statute, rule, regulation or order. In certain cases, the information in your application may be disclosed to the Department of Justice or a court or adjudicative body when (a) the FCC; or (b) any employee of the FCC; or (c) the United States Government, is a party to a proceeding before the body or has an interest in the proceeding.

As of December 3, 2001, all parties and entities doing business with the Commission must obtain a unique identifying number called the FCC Registration Number (FRN) and supply it when doing business with the Commission. Failure to provide the FRN may delay the processing of the application. This requirement is to facilitate compliance with the Debt Collection Improvement Act of 1996 (DCIA). The FRN can be obtained electronically through the FCC webpage at <http://www.fcc.gov> or by manually submitting FCC Form 160. FCC Form 160 is available from the FCC's web site at <http://www.fcc.gov/formpage.html>, by calling the FCC's Forms Distribution Center 800-418-FORM (3676), or from fax-on-demand by dialing (202) 418-0177.

This notice is required by the Privacy Act of 1974, Public Law 93-579, December 31, 1974, 5 U.S.C. Section 552a(e)(3) and the Paperwork Reduction Act of 1995, Public Law 104-13, October 1, 1995, 44 U.S.C. 3507.



INSTRUCTIONS FOR FCC 330

Introduction

This form is to be used in applying for authority to construct a new Instructional Television Fixed Service and/or response station(s) and low power relay station(s), or to make changes in an existing station, or for consent to assignment or transfer of control of the license of an authorized facility. This form consists of the following Sections:

Section I - General Information
Section II - Purpose of Filing
Section III - Legal Qualifications
Section IV - Engineering Data
Section V - Transmitting Antenna Information
Section VI - Antenna Structure
Section VII - Interference Studies
Section VIII - Receiving Antenna Information
Section IX - Receive/Response Site Information
Section X - Financial Qualifications
Section XI - Service Proposal
Section XII - Assignment/Transfer of Control

For Assistance

For assistance with FCC Form 330 applications, please call (717) 338-2888 or (888) 225-5322 and select option #2.

Applicable Rules and Regulations

Before this application is prepared, the applicant should review the relevant portions of Parts 1, 2, 17, 21, 73 and 74 of the FCC Rules in Title 47 of the Code of Federal Regulations (C.F.R.). Copies of Title 47 may be purchased from the Superintendent of Documents, Government Printing Office, Washington, D.C. 20402. You may telephone the GPO Order Desk at (202) 512-1800 for current prices. FCC rules generally require various exhibits to be filed with an application, in addition to the information requested in the application form. Applicants should make every effort to file complete applications in compliance with the Rules. Replies to questions in this form and the applicant's statements constitute representations on which the FCC will rely in considering the application. Thus, time and care should be devoted to all replies, which should reflect accurately the applicant's responsible consideration of the questions asked. Include all information called for by this application. Failure to do so can result in a dismissal or return of the application or a delay in processing the application.

English to Metric Conversions

The following English to Metric equivalents should be used to convert heights and distances, where necessary:

1 foot = 0.3048 meters
1 mile = 1.6093 kilometers

Electronic Filing

The Commission has authorized voluntary electronic filing for FCC Form 330 applications, based on the data and other information contained in this form. The specific details concerning the method for electronic counterpart to this paper form will be

provided through subsequent Commission public notices.

Paper Copies

All entries on the form shall be typed or legibly printed in ink. A single application should be used for up to four channels of the same channel group, if the associated transmitters are to be located at a common antenna site. Any request for channels not from the same group, any technical request not identical to each channel, or transmitters having different transmitting antenna locations must be filed on SEPARATE applications. Submit an original and one copy of the application (SIGN ORIGINAL ONLY).

Incorporation by Reference

You may incorporate by reference data, documents, exhibits, or other showings already on file with the FCC only if the referenced data is from a pending application or is from your latest authorization. All other applicable items on this form must be answered without reference to a previous filing.

Current Information

Information filed with the FCC must be kept current. The applicant should notify the FCC regarding any material change in the facts as they appear in the application. See 47 C.F.R. § 1.65.

Waiver Requests

Applications which request waivers of the FCC's Rules must contain an exhibit stating reasons sufficient to justify a waiver. A separate request with the required showing must be made for each rule waiver desired, identifying the specific rule or policy for which the waiver is requested.

Exhibits

Each document required to be filed as an exhibit should be current as of the date of filing. Each page of each exhibit must be identified with the number or letter of the exhibit, the number of the page of the exhibit and the total number of pages of the exhibit. If interference studies are submitted, attach these as an exhibit found in Section VII.

Certificate of Completion of Construction

The applicant is reminded that upon completion of construction, an ITFS licensee is required to submit a certification indicating that construction has been completed and that the station is operational. FCC Form 330A should be used for this purpose.

INSTRUCTIONS FOR SECTION I - GENERAL INFORMATION

GENERAL INFORMATION

Question 1. The name of the applicant stated herein shall be the exact corporate name, if a corporation; if an unincorporated association, the exact name of the association; if a governmental or public educational agency, the exact name of such agency. The applicant must notify the Commission of any change of address. The assignment of an Electronic I.D. Number will be provided by the Commission and will be required before any electronic filing

can be received by the Commission. For new stations this number will be assigned at the time of the initial electronic filing. Also, enter the applicant's ten-digit FCC Registration Number (FRN) assigned by the Commission Registration System (CORES). The FRN is a unique entity identifier for everyone doing business with the Commission and is mandatory effective December 3, 2001. The FRN can be obtained electronically through the FCC webpage at <https://www.fcc.gov> (click on Commission Registration System) or by manually submitting FCC Form 160. FCC Form 160 is available for downloading from <http://www.fcc.gov/formpage.html>, by calling 800-418-FORM (3676), or from fax-on-demand by dialing (202) 418-0177.

CLASSIFICATION OF FILING

Questions 2-3. These items indicate the type of station and whether the filing is intended as an application for a new station, a major change in an authorized station pursuant to 47 C.F.R. § 74.911(a)(1), a minor change in authorized facilities, a notification of facilities change or an amendment to a pending application. Applications for new stations, or major or minor changes, will be assigned a new file number. Application amendments considered to be minor will be associated with the pending application identified in Question 4.

Contact Representative

Question 5. This item identifies the contact representative (usually the headquarters office of a large applicant, the law firm or other representative of the applicant, or the person or company that prepared or submitted the application on behalf of the applicant). In the event there is a question concerning the application, the FCC will attempt to communicate with the contact representative first.

Certifications

Question 6. The engineering certificate must be signed by the technically qualified person responsible for preparation of the engineering information. In this context, a "technically qualified person" is a person qualified to calculate and determine the interference potential and the efficient utilization of the proposed facilities, and is thoroughly familiar with the technical requirements as specified in the applicable parts of the Commission's Rules. Engineering certifications must be signed in the original for each application.

Question 7. Certification on behalf of the applicant shall be made personally by the individual applicant, a partner (if the applicant is a partnership), a corporate officer or duly authorized employee (if applicant is a corporation that has been specifically authorized to act for and on behalf of the applicant), an officer/member (if applicant is an unincorporated association), or a member of the governing board or Chief Executive Office (if applicant is a governmental or public educational agency).

INSTRUCTIONS FOR SECTION II - PURPOSE OF FILING

Question 1. Applicants should check the box(es) corresponding to the listed purposes of this filing; i.e., request for authority to make various modifications to an authorized station, or notification of facilities modifications already made where specific FCC authorization is not required. Describe in an exhibit facilities

changes or other purposes not listed in this item.

INSTRUCTIONS FOR SECTION III - LEGAL QUALIFICATIONS

As used in this Section, the words "party to this application" mean:

(1) in the case of a corporate applicant with outstanding stock, 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; (2) in the case of any other applicant which is not a governmental or public educational agency, all executive officers, members of the governing board, and owners or subscribers to any membership or ownership interest in the applicant; and (3) in the case of an applicant which is a governmental or public educational agency, the members of the governing board and chief executive officers thereof.

Question 2. A "local" licensee (or applicant) is an institution or organization that is physically located in the community or metropolitan area where service is proposed. For a college or university, this would include any area where it has a campus. An educational organization will generally be regarded as "local" if the address of the organization's headquarters is located within the area where the facility is sought. An entity created by a state or local government for the purpose of serving formal educational needs will be considered "local" throughout the area within the government's jurisdiction over which its authority is intended to extend. An educational entity located within a state and created by affiliated educational institutions within that state, including hospitals, will be considered "local" in those areas where the member institutions are located.

If the applicant is a nonlocal entity, or if it is a local nonprofit organization formed for the purpose of serving accredited institutional or governmental organizations, a letter written and signed by the administrator or authority responsible for each receive sites' curriculum planning must be submitted. Each letter must indicate that the official has viewed the applicant's program offerings and that such programming will be incorporated in the site's formal educational curriculum. The letter should incorporate a proposed weekly schedule of programming to indicate the types of programming and hours per week of formal and informal programming the site expects to use. The letter should also discuss the site's involvement in the planning, scheduling and production of programming. The letter must constitute a firm commitment to use the applicant's service. If the official cannot make a commitment without the consent of a higher authority, the official should obtain the consent before submitting a letter. If the applicant is nonlocal, the letter must also confirm that a member of the site's staff will serve on a local program committee, composed of school representatives, which will select and schedule programming received over the system and aid in any local production of programming.

Question 5. Section 310 of the Communications Act of 1934, relating to interests of foreign governments and aliens, provides: (a) The station license required under this Act shall not be granted to or held by any foreign government or the representative thereof; and (b) No broadcast or common carrier or aeronautical en route or

aeronautical fixed radio station license shall be granted to or held by: (1) any alien or the representative of any alien; (2) any corporation organized under the laws of any foreign government; (3) any corporation of which any officer or director is an alien or of which more than one-fifth of the capital stock is owned of record or voted by aliens or their representatives or by a foreign government or representative thereof or by any corporation organized under the laws of a foreign country; and (4) any corporation directly or indirectly controlled by any other corporation of which any officer or more than one-fourth of the directors are aliens, or of which more than one-fourth of the capital stock is owned of record or voted by aliens, their representatives, or by a foreign government or representative thereof, or by any corporation organized under the laws of a foreign country, if the Commission finds that the public interest will be served by the refusal or revocation of such license.

Question 6. Commission policies and litigation reporting requirements for ITFS station applicants are directed to focusing on misconduct which violates the Communications Act or a Commission rule or policy, and on certain specified non-FCC misconduct. In responding to Question 6, applicants are advised that the parameters of the Commission's policies and requirements regarding character qualifications are fully set forth in Character Qualifications, 102 FCC 2d 1179 (1985), reconsideration denied, 1 FCC Rcd 421 (1986), as modified, 5 FCC Rcd 3252 (1990) and 7 FCC Rcd 6564 (1992).

INSTRUCTIONS FOR SECTION IV - ENGINEERING DATA

Transmitter Antenna Site Location

Questions 1, 2, 3 and 4. Identify the antenna site by its address (or if there is no address, by a brief description of the location such as a distance and direction from known landmarks), city or town, county/borough/parish and state. If not located in a city or town, insert the name of the nearest identifiable community.

Question 5. Specify the North Latitude and West Longitude of the geographic coordinates with reference to North American Datum of 1927 (NAD27) of the transmitting antenna site. Specify South Latitude and East Longitude where applicable; otherwise, North Latitude and West Longitude will be presumed. Geographic coordinates should be rounded off to the nearest second; e.g., 29.5' is rounded to 30'. The National Geodetic Survey is in the process of replacing NAD27 with the more accurate 1983 North American Datum (NAD83) and updating current topographic maps with NAD83 datum. In addition, coordinates determined by use of the satellite-based Global Positioning System already reflect the NAD83 datum. To prevent intermixing of data using two different datum, however, the Commission announced that until further notice, applicants are to furnish coordinates based on NAD27 datum on all submissions and the Commission will continue to specify NAD27 coordinates in its data bases and authorizations. In addition, applicants who have already filed applications with coordinates that reflect NAD83 datum must provide NAD27 coordinates to the appropriate Commission licensing bureau. See Public Notice entitled "FCC Interim Procedures for the Specification of Geographic Coordinates," 3 FCC Rcd 1478 (1988).

Question 6. Enter the height above mean sea level in meters of the ground elevation of the transmitter antenna tower structure.

Environmental Policy

Question 9. The following guidance is provided for the question regarding environmental impact:

1. Place an (X) in the appropriate box to indicate whether a Commission grant of the proposed communication facility(ies) may have a significant environmental impact as defined by 47 C.F.R. Section 1.1307. Briefly, Commission grant of an application may have a significant environmental impact if any of the following are proposed:
 - a. A facility is to be located in sensitive areas (e.g., an officially designated wilderness area, a wildlife preserve area, or a flood plain) or will physically or visually affect sites significant in American history.
 - b. A facility whose construction will involve significant change in surface features.
 - c. The antenna tower and/or supporting structure(s) will be equipped with high intensity white lights and are to be located in residential neighborhoods.
 - d. The facilities or the operation of which will cause exposure to workers or the general public to levels of radio frequency radiation in excess of the "Radio Frequency Protection Guides" recommended in "American National Standard Safety Levels with respect to Human Exposure to Radio Frequency Electromagnetic Fields, 300 kHz to 100 GHz," (ANSI C95.1-1982), by the Institute of Electrical and Electronics Engineers, Inc., 345 East 47th Street, New York, New York 10017.
2. If you answer "Yes", submit the required Environmental Assessment (EA). The EA includes for antenna towers and satellite earth stations:
 - a. A description of the facilities as well as supporting structures and appurtenances, and a description of the site as well as the surrounding area and uses. If high intensity white lighting is proposed or utilized within a residential area, the EA must also address the impact of this lighting upon the residents.
 - b. A statement as to the zoning classification of the site, and communications with, or proceedings before and determinations (if any) made by zoning, planning, environmental or other local, state or federal authorities on matters relating to environmental effect.
 - c. A statement as to whether construction of the facilities has been a source of controversy on environmental grounds in the local community.

- d. A discussion of environmental and other considerations which led to the selection of the particular site and, if relevant, the particular facility; the nature and extent of any unavoidable adverse environmental effects; and any alternative sites or facilities which have been or might reasonably be considered.
3. The information submitted in the EA shall be factual (not argumentative or conclusory) and concise with sufficient detail to explain the environmental consequences and to enable the Commission, after an independent review of the EA, to reach a determination concerning the proposal's environmental impact, if any. The EA shall deal specifically with any feature of the site which has special environmental significance (e.g., wilderness area, wildlife preserves, natural migration paths for birds and other wildlife, and sites of historic, architectural, or archeological value). In the case of historically significant sites, it shall specify the effect of the facilities on any district, site, building, structure or object listed in the National Register of Historic Places, 39 Fed. Reg. 6402 (February 19, 1974). It shall also detail any substantial change in the character of the land utilized (e.g., deforestation, water diversion, wetland fill, or other extensive change of surface features). In the case of wilderness areas, wildlife preserves, or other like areas, the statement shall discuss the effect of any continuing pattern of human intrusion into the area (e.g., necessitated by the operation and maintenance of the facilities).
 4. The EA shall also be accompanied with evidence of site approval, as obtained from local or federal land use authorities.
 5. To the extent that such information is submitted in another part of the application, it need not be duplicated in the EA. However, adequate cross-reference to such information shall be supplied.
 6. An EA does not need to be submitted to the Commission if another agency of the Federal Government has assumed responsibility for determining: (a) whether the facilities in question will have a significant effect on the quality of the human environment; and (b) if it will affect the environment, for invoking the environmental impact statement process.

INSTRUCTIONS FOR SECTION V -Transmitting Antenna Information

Question 1. Specify the channel(s) or channel group for the proposed station operation. For example, an applicant would request the first two channels in the A-channel group by entering A1 A2. A request for the entire A-group (four channels) would be made by entering Channel Group: A.

Question 2. Specify either "zero," "plus" or "minus."

Question 3. Specify the emission designators for the transmitter. The visual and aural emission designators for the transmission of standard analog television signals are 5M75C3F and, 250KF3E, respectively. Digital emission designators should be listed, for example, as "VSB" 6M00C7W Vestigial Sideband and "QAM" 6M00D7W Quadrature Amplitude Modulation. Digital modulation types should be listed showing the densities and the abbreviation of the modulation type, i.e., 64-QAM or 8-VSB.

Question 4. Enter the call sign of the station from which your signal will originate.

Question 5. MAKE-MODEL: Describe an antenna(s) by its manufacturer and model number. This item must be completed regardless of whether a directional or omnidirectional antenna is being proposed. Manufacturer is the name of the company that made the antenna, and model number is the designation that the manufacturer assigns to the antenna.

AZIMUTH: Specify the azimuth of the major lobe(s) of radiation in degrees clockwise from True North ("electrical orientation of the main lobe").

EIRP: Specify the maximum effective isotropically radiated power (EIRP) in the horizontal plane, expressed in decibels above one watt (dBw). The specified EIRP should correspond to that for an angle of zero degrees in the transmitting antenna's vertical radiation plane, regardless of whether or not antenna beam tilt is used. To calculate the EIRP in dBw, take the logarithm to the base ten of the transmitter output power (in watts), multiply by ten, add to the result the antenna gain (in dBi) and then subtract the sum of the losses from transmission line and other devices to be inserted between the transmitter and antenna (in dB). To convert EIRP from units of watts to dBw, take the logarithm to the base ten of the EIRP in watts and multiply the result by ten.

BEAM TILT: Specify the amount of nonstandard antenna beam tilt, if any, accurate to the nearest 1/10th of a degree; i.e., beam tilt in addition to that incorporated into the antenna design. Beam tilt does not factor into routine interference calculations performed by the FCC's ITFS staff in application acceptance studies, but will appear on ITFS station licenses.

RADIATION CENTER: Specify the height of the antenna center of radiation above mean seal level (in meters) which is used in determinations of signal path obstructions.

POLARIZATION: Specify the polarization of transmitting antenna(s); enter "H" for horizontal polarization or "V" for vertical polarization. The application form provides for a single polarization for each transmitting facility. Proposed use of any other type of polarization should be described in an exhibit.

OMNI (O)-DIRECTIONAL (D): Specify the beam width of transmitting antenna(s); enter "O" for omni or "D" for directional antenna.

Question 6. For each directional antenna proposed, if the antenna manufacturer and model numbers are included in the Commission's list of common "off-the-shelf" directional antennas (periodically released by Public Notice), so indicate "Yes" in Question 6.a and omit the tabulation of relative field strengths. Otherwise, tabulate the horizontal radiation pattern in Question 6.a, Chart 3 by entering relative field strengths for the 36 azimuths given in the table. **For single antennas**, the radiation pattern must be entered in a "normalized" fashion, the method antenna manufacturers normally use to depict "polar diagrams" of horizontal radiation patterns. In a normalized radiation pattern, the antenna's main lobe (or one of the main lobes where the relative field strength has a value of 1.0), is always pointed at True North, which is an azimuth of 0 degrees. Starting at True North, give the relative field strengths at 10 degree intervals, proceeding clockwise around the radiation pattern. The FCC antenna data base allows for relative field strengths at ten additional azimuths, as selected by the applicant (the last set of columns in Chart #3). Applicants should enter the azimuths corresponding to the maximum and minimum values of (normalized) relative field strengths for the antenna, if these azimuths are not a multiple of 10 degrees.

INSTRUCTIONS FOR SECTION VI - ANTENNA STRUCTURE DATA

Question 1. Enter the number of the figure which most resembles your antenna structure.

Question 2.a. Enter the height above ground in meters, to the highest point of the antenna only. Refer to letter "a" in the antenna figure examples. In Question 2.b, enter the height above ground in meters, to the highest point of the supporting structure only. If the antenna structure is a tower only, include the height of the tower, but not the antenna. Refer to letter "b" in the antenna figure examples. In Question 2.c, enter the height above ground in meters, to the highest point of the supporting structure including any mast, pole or penthouse. Refer to letter "c" in the antenna figure examples.

INSTRUCTIONS FOR SECTION VIII - RECEIVE SITE INFORMATION

Applications for new stations must specify the make and model of the antenna proposed for the receive site and not specify FCC Standard. Also, applications to modify a facility must specify the actual antenna being used and not specify FCC Standard.

INSTRUCTIONS FOR SECTION X - SERVICE PROPOSAL

Question 2. An applicant seeking more than four ITFS channels in an area, or already authorized for four or more channels in an area, must submit a request for waiver of 47 C.F.R. § 74.902(c). Such request must include a complete description of how the additional channels will be used to accommodate the applicant's needs and why the applicant's present capacity is insufficient to meet those needs. The waiver burden will be exceedingly high, particularly in areas where a large demand for channels exists. Any request for more than four ITFS channels that does not include a showing in

support of a waiver will be summarily dismissed.

Question 5. Formal or for-credit programming may include programming delivered to nonschool sites, such as businesses or homes. If the entire program service will be delivered to nonschool sites, however, the applicant must submit an exhibit stating the school(s) and degree(s) or diploma(s) for which the formal programming will be offered, including a description of the administration of the course(s). The applicant must submit letters, written and signed by the authorities responsible for the schools' curricula, verifying each of these points. For-credit programming may also include programming offered by hospitals for students to earn medical and allied health degrees and certificates.

Before a licensee may use excess capacity on its ITFS system for non-ITFS purposes, every channel so used must carry at least 20 hours per week of ITFS service between 8:00 a.m. and 10:00 p.m. from Monday through Saturday, excluding holidays and vacation days. The 20 hours must include at least 3 hours per weekday (Monday-Friday). If the channel is leased to another party and will carry less than 40 hours per week of ITFS service, the lease agreement must provide for the reservation or ready recapture of sufficient additional hours to provide the licensee with control over at least 40 hours per week for ITFS service. The reserved or recapturable time must also occur between 8:00 a.m. and 10:00 p.m. from Monday through Saturday, excluding holidays and vacation days, and must include licensee control over at least 6 hours per weekday. The lease agreement must not require the licensee to pay the lessee or forego revenues or lease payments for hours recaptured within this 40-hour provision or to notify the lessee unreasonably far in advance of any recapture necessary to comply with this 40-hour provision. Furthermore, the licensee must retain the right to adjust to changing needs, although stricter scheduling provisions, more protective of the lessee, may pertain to any recapture by the lessor of additional hours beyond the 40 core hours of airtime.

**FCC Wireless Telecommunications Bureau
 Application for Authorization To Construct New or Make
 Changes in an Instructional Television Fixed Service and/or Response
 Station(s), or To Assign or Transfer Such Station(s)**

Approved by OMB
 3060 – 0062
 See instructions for
 public burden estimate

SECTION I – GENERAL INFORMATION

1. Legal Name Of Applicant		FCC Registration Number (FRN)	
Mailing Street Address Or P. O. Box		Internet Address	
Attention:			
City	State Or Country (if foreign address)		Zip Code
Telephone Number (include area code)	Call Sign	Other FCC Identifier (If applicable)	

CLASSIFICATION OF FILING

2. Type of station (check one):

- | | | |
|--------------------------------|----------------------------------|--|
| <input type="checkbox"/> ITFS | <input type="checkbox"/> Booster | <input type="checkbox"/> Developmental |
| <input type="checkbox"/> Relay | <input type="checkbox"/> STL | |

3. This filing is for a (check one):

- | | |
|---|---|
| <input type="checkbox"/> New station authorization | <input type="checkbox"/> Major amendment to pending application pursuant to 47 C.F.R. § 74.911(a) (1) |
| <input type="checkbox"/> Major modification of authorized station pursuant to 47 C.F.R. § 74.911(a) (1) | <input type="checkbox"/> Minor amendment to a pending application |
| <input type="checkbox"/> Minor modification of authorized station | <input type="checkbox"/> Assignment of License |
| <input type="checkbox"/> Special Temporary Authorization | <input type="checkbox"/> Transfer of Control |

4. If filing amends a pending application or modifies a granted application, enter file number: _____

5. CONTACT REPRESENTATIVE

Name of Contact Representative (if other than applicant)		Telephone Number (include area code)	
Firm or Company Name			
Mailing Street Address or P. O. Box			
City	State	Zip Code	

6. CERTIFICATIONS

Certification of Person Responsible for Preparing Engineering Information Submitted in this Application

I certify that I am responsible for the preparation of the engineering information contained in this application, that I am familiar with 47 C.F.R. Part 74 of the Commission's Rules and have either prepared or reviewed the engineering information submitted in this application, and that it is complete and accurate to the best of my knowledge.

Date	Type or Print Name of Person Certifying	Signature
Firm or Company Name		
Mailing Street Address or P. O. Box		City
State	Zip Code	Telephone Number (include area code)

7. CERTIFICATIONS OF APPLICANT

YES NO

By checking YES, the applicant certifies that in the case of an individual applicant, he or she is not subject to a denial of federal benefits that includes FCC benefits pursuant to § 5301 of the Anti-Drug Abuse Act of 1988, 21 U.S.C. § 862, or, that in the case of a non-individual applicant (e.g., corporation, partnership or other unincorporated association), no party to the application is subject to a denial of federal benefits that includes FCC benefits pursuant to that section. For the definition of a "party" for these purposes, see 47 C.F.R. § 1.2002(b). Failure to check YES may cause dismissal of your application.

I am familiar with 47 C.F.R. Part 74 of the Commission's Rules, and have either prepared or reviewed the information submitted in this application. The applicant waives any claim to the use of any particular frequency of the electromagnetic spectrum as against the regulatory power of the United States because of previous use of the same, whether by license or otherwise, and requests a construction authorization in accordance with this application. All statements made in the attached exhibits are a material part hereof and are incorporated herein as if set out in full in this application. The undersigned, individually and for the applicant, certifies that the statements made in this application are true, complete and correct to the best of the signer's knowledge and belief and are made in good faith.

Date	Applicant (must correspond with that show on Page 1)	Type or Print Name of Person Signing
Signature		Title (position held by person signing)

WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, § 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, § 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, § 503).

SECTION II – PURPOSE OF FILING

1. Check one or more boxes that correctly describes the purpose of this filing. If amendment, check only changes proposed by this amendment.

- Add or change channel(s)
- Delete channel(s)
- Relocate the transmitting site by 16.1 kilometers or more
- Relocate the transmitting site less than 16.1 kilometers
- Increase EIRP by more than 1.5 dB in any direction
- Decrease EIRP
- Increase transmitting antenna radiation center height above ground level by 7.6 meters or more
- Increase transmitting antenna radiation center height above ground level less than 7.6 meters or decrease the height
- Increase transmitting antenna structure
- Decrease overall height of transmitting antenna structure
- Add receive or response site
- Delete receive or response site
- Change antenna polarization
- Add or change transmitter emission type (analog or digital)
- Change antenna horizontal radiation pattern
- Change azimuth of main horizontal lobe of radiation
- Add or change visual frequency offset
- Other facilities changes (submit Exhibit explaining changes)

Exhibit No.

SECTION III – LEGAL QUALIFICATIONS

1. Indicate the legal nature of the applicant:

- School engaged in the formal education of enrolled students (e.g., public or private school, college or university).
- Government organization engaged in the formal education of enrolled students (e.g., school board, school district)
- Nonprofit organization whose purposes are educational and include providing formal education to the entities listed above (e.g., state educational television commission, noncommercial educational broadcast license, hospital association, college consortium).

2. Is the applicant "local" in the community served by this application?

YES NO

If NO, attach an Exhibit explaining the composition and function of the local program committee, as required by 47 C.F.R. §74.932.

Exhibit No.

3. Is the applicant (or its members) an accredited entity?

YES NO

If YES, state:

Date accreditation was conferred: _____

Name of accredited agency or organization: _____

Accrediting agency/organization is regional or state accrediting body.

These entities must be included in the receive site list in Section VIII. Attach as an Exhibit letters from these named schools or institutions demonstrating their intent to utilize the service proposed by the applicant.

Exhibit No.

4. Does the 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 ITFS or noncommercial educational television broadcast station?

YES NO

b. Any application pending before the Commission for ITFS or noncommercial educational television broadcast station?

YES NO

c. Any license or other authorization from the Commission which has been revoked?

YES NO

d. Any interest in, or connection with, any application that has been denied or dismissed with prejudice by the Commission?

YES NO

If the answer to any of the foregoing parts of this paragraph is YES, show particulars in Chart 1, Other Interests. Give purpose of each ITFS station or application listed (e.g., STL, relay).

Exhibit No.

If revocation, dismissal, or denial, attach as an Exhibit.

SECTION III

5. Is the applicant in compliance with the provisions of Section 310 of the Communications Act of 1934, as amended, relating to interests of aliens and foreign governments?

YES NO

6. Has adverse finding been made or an adverse final action been taken by any court or administrative body with respect to the applicant(s) or parties to the application in a civil or criminal proceeding, brought under the provisions of any law relating to the following: any felony; mass media related antitrust or unfair competition; fraudulent statements to another governmental unit; or discrimination?

YES NO

If the answer is YES, attach as an Exhibit a full disclosure concerning the persons and matters involved, including an identification of the court or administrative body and the proceeding (by dates and file numbers), and the disposition of the litigation. Where the requisite information has been earlier disclosed in connection with another application or as required by 47 C.F.R. § 1.65(c), the applicant need only provide: (i) an identification of that previous submission by reference to the file number in the case of an application, the call letters of the station regarding which the application or Section 1.65 information was filed, and the date of filing; and (ii) the disposition of the previously reported matter.

Exhibit No.

7. Is the applicant directly or indirectly controlled by another legal entity?

YES NO

If YES, submit as an Exhibit stating the name of such other legal entity and how such control, if any, exists and the extent thereof.

Exhibit No.

SECTION III – CHART 2

8. Give the following information as to applicant’s officers, members of governing board, and stockholders. (Any stockholder that is not a natural person must provide the same information regarding its principals.)

Name and Residence	Office Held	Citizenship	Principal Profession or Occupation	By Whom Appointed or Elected
Name Mailing Address				

9. Are there contracts or arrangements now in existence, as well as any arrangement or negotiations, written or oral, which relate to the present or future ownership, control, operation, or use of the station, including the use of excess channel capacity for non-ITFS purposes?

YES NO

If YES, attach as an Exhibit a copy of all such documents, instruments or contracts and state the substance of oral contracts or understandings.

Exhibit No.

Note: The applicant must maintain ultimate control over all airtime not subject to lease; any agreement cannot be for a period of more than 15 years.

**SECTION IV – ENGINEERING DATA
TRANSMITTER ANTENNA SITE LOCATION**

1. Street address or other description of transmitter antenna site		
2. City	3. State	4. County/Borough/Parish

5. Transmitter antenna site coordinates (check South Latitude or East Longitude boxes if applicable)

Coordinates (NAD 27):

North Latitude or South Latitude
(DD-MM-SS)

_____ ° _____ ' _____ "

West Longitude or East Longitude
(DDD-MM-SS)

_____ ° _____ ' _____ "

6. Ground elevation above mean sea level _____ meters

7. Enter the geographic coordinates of the center of the authorized circular protected service area pursuant to 47 C.F.R. § 74.903(d).
CAUTION: The center coordinates (NAD 27) may not coincide with the antenna site coordinates if the site has been, or is herein proposed to be relocated. (check South Latitude or East Longitude boxes if applicable)

North Latitude or South Latitude
(DD-MM-SS)

_____ ° _____ ' _____ "

West Longitude or East Longitude
(DDD-MM-SS)

_____ ° _____ ' _____ "

8. QUIET ZONE: Does this application propose to construct or modify a station in any "quiet zone" area where radio use is restricted? YES NO

If YES, give the name of authority notified and date of notification.

a. Authority Notified	b. Date of Notification
-----------------------	-------------------------

9. ENVIRONMENTAL POLICY: Would a Commission grant of any proposal in this application or amendment have a significant environmental effect as defined by 47 C.F.R. § 1.1307? YES NO

If YES, submit as an Exhibit with the application the environmental assessment required by 47 C.F.R. §§ 1.1308 and 1.1311.

Exhibit No.

If NO, give a brief statement explanation of why there will not be a significant environmental effect. Submit an Exhibit if more space is needed.

Exhibit No.

SECTION V –TRANSMITTING ANTENNA INFORMATION

1. Channel(s) _____ Or Channel Group: _____ 2. Offset: _____

3. Emission Designator:

Analog: Visual: _____ Aural: _____

Digital: _____

Modulation Type _____

4. Signal Source (For booster/relay station only) _____

5. Transmitting Antenna System(s):

Antenna Number	1	2	3	4	5
Make					
Model					
Azimuth					
EIRP (dBw)					
Beam Tilt					
Radiation Center AGL (meters)					
Polarization (H) Hor (V) Vert					
Omni (O) Directional (D)					

6. a. For directional transmitting antenna, is the horizontal plane radiation pattern for this antenna already tabulated in the FCC's directional database? YES NO

If NO, enter in Chart 3, page 10, a tabulation of relative field radiation pattern in the horizontal plane at every ten degrees and all maxima and minima.

b. For each directional transmitting antenna, identify on a separate Exhibit (8 1/2 x 11 inch sheet) a polar diagram of the horizontal relative FIELD pattern and indicate the direction of true north with respect to the proposed antenna orientation. Also label the polar diagram at the appropriate point with the maximum horizontal radiation lobe power gain expressed in dB with respect to an isotropic radiator.

Exhibit No. _____

7. Are all proposed transmitters type-accepted by the FCC for this service? YES NO

If NO, attach as an Exhibit an explanation.

Exhibit No. _____

SECTION V

CHART 3 - TRANSMITTING ANTENNA INFORMATION

Antenna Make: _____

Model: _____

Required Azimuths				Optional Azimuths			
Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field
0		120		240			
10		130		250			
20		140		260			
30		150		270			
40		160		280			
50		170		290			
60		180		300			
70		190		310			
80		200		320			
90		210		330			
100		220		340			
110		230		350			

SECTION VI – ANTENNA STRUCTURE

Figure 1



Figure 2

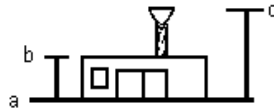
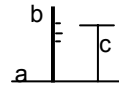


Figure 3



a = ground elevation (AMSL) b = height of support structure (AGL) c = antenna height (AGL)

1. Enter Figure # _____ which most resembles the structure shown above.

NEW

EXISTING

2. a. Height to tip of antenna ("c" in figures):

_____ meters

b. Height of support structure ("b" in figures):

_____ meters

c. Overall height of structure (highest point in figures):

_____ meters

3. Is the transmitting antenna mounted on a tower that has been registered with the Commission?

YES NO

If YES, list the Antenna Structure Registration Number:

If NO, has an application (FCC Form 854) been filed with the Commission?

YES NO

If NO, attach as an Exhibit an explanation why the antenna structure does not meet FAA Notification criteria as defined in 47 C.F.R. § 17.7, and therefore does not require registration.

Exhibit No. _____

SECTION VII – INTERFERENCE STUDIES

1. Attach as an Exhibit a list of all existing and pending channel and adjacent stations considered for this application.

Exhibit No.

Attach as an Exhibit a cochannel interference analysis showing that this proposal provides protection to all existing stations and pending applications (47 C.F.R. § 74.903).

Exhibit No.

Attach as an Exhibit an adjacent interference analysis showing that this proposal provides protection to all existing stations and pending applications (47 C.F.R. § 74.903).

Exhibit No.

If this proposal does not provide protection to an existing station in compliance with 47 C.F.R. § 74.903, submit as an Exhibit an agreement between the station licensee and the applicant herein to resolve any objectionable interference caused to the existing station by this proposal.

Exhibit No.

If this proposal does not provide protection to other pending applications, submit as an Exhibit an agreement between the applicant(s) to accept or resolve any mutual or objectionable interference between the proposed operations.

Exhibit No.

SECTION VIII CHART 6 – RECEIVE/RESPONSE SITE INFORMATION

Instructions:

Enter in this section receive and receive/response site information. Column (1): use RT1, RT2, etc. for sites to be authorized as both receive and response and R1, R2, etc. for sites to be authorized as receive only. Column (2): enter "a" if the site is new or if the site is changing its antenna type or polarization; enter "d" if you are requesting that the site be deleted; enter "e" if the site is existing and no change is proposed. Column (3): enter the structure registration number if required to be registered with the Commission pursuant to 47 C.F.R. § 17.4(a) (1), as modified by the Report and Order in WT Docket 95-5, 61 FR 4359 (1996). Column (4): specify horizontal or vertical polarization. Column (5): enter transmitter power output; Column (6): the ITFS channel number for which the response frequency assignment will be based per 47 C.F.R. § 74.939(d). Amendments must enter only changes proposed by the amendment. **NOTE:** Models for "off-the-shelf" antennas must match exactly as shown on the Commission's list.

Are any of the receive antennas mounted on a tower that has been registered with the Commission?

YES NO

If YES, list the Antenna Structure Registration Number in the proper row of Column (3) below.

If NO, has an application (FCC Form 854) been filed with the Commission?

YES NO

If NO, attach as an Exhibit an explanation why the Antenna Structures do not meet FAA Notification criteria as defined in 47 C.F.R. § 17.7 and, therefore, do not require registration.

Exhibit No.

(1) Site #	(2) Status	(3) Registration Number	North or <input type="checkbox"/> South Latitude (NAD27)	West or <input type="checkbox"/> East Longitude (NAD 27)	Receive		Response		(4) POL	(5) TPO	(6) CHA
					Make	Model	Make	Model			

**SECTION VIII
CHART 7**

Instructions:

Enter in this section the response or receive/response sites only. Column (1): use RT1, RT2, etc. making sure that they corresponds to the antennas on the previous chart. Column (2): enter the figure number 1, 2 or 3 from page 11 which most resembles the structure for that site. Column (3): enter "N" if that structure has not been built, enter "E" if structure is existing. Column (4): enter the height to the tip of antenna; see part "c" in Figure 1,2, or 3. Column (5): enter the height of the support structure; see part "b" in Figure 1, 2, or 3. Column (6): enter the ground elevation at the base of the structure for that site: see part "a" in Figure 1, 2, or 3. Column (7): enter the overall height of structure; enter highest point in Figure 1, 2, or 3. Column (8): indicate address or the geographic location of the antenna. Column (9): indicate city. Column (10): indicate state, using two letter abbreviation.

(1) Site #	(2) Fig #	(3) N/E	(4) Height of tip of antenna ("c")	(5) Height of support structure ("b")	(6) Ground Elevation ("a")	(7) Overall height of structure	(8) Address or Geographic Location	(9) City	(10) State

**SECTION VIII – RECEIVE/RESPONSE ADMINISTRATIVE INFORMATION
CHART 8**

Instructions:
Enter number of the receive or response site and all the corresponding information.

(1) Site Number	Contact Person Name, Title, Telephone #	Full name of School or Building Street Address

If accredited schools are included, attach as an Exhibit an explanation of the administration of exclusively off-campus formal education upon which the applicant relies to establish its eligibility.
(See Section 74.931(a) (1).)

Exhibit No.

SECTION VIII – Accreditation

Indicate that you are providing service to your own enrolled students by entering YES or NO in the Service Column.

Name of School/Institution Name & Mailing Address	Accreditation Date	Accrediting Agency or Organization Name & Mailing Address (indicate State – “S” or Regional – “R”)	Receive Site Number	Service

SECTION VIII

RECEIVING/RESPONSE ANTENNA INFORMATION

For each proposed receive antenna not listed on the FCC’s list of common “off-the-shelf” directional antennas, you must submit a plane and cross polarization antenna gain pattern from the manufacturer, listing the tabulation of these patterns at every two degrees from 0 to 180 degrees in dB gain.

Make: _____ Model: _____

Azimuth	Plane Polar	Cross Polar	Azimuth	Plane Polar	Cross Polar	Azimuth	Plane Polar	Cross Polar	Azimuth	Plane Polar	Cross Polar
0			46			92			138		
2			48			94			140		
4			50			96			142		
6			52			98			144		
8			54			100			146		
10			56			102			148		
12			58			104			150		
14			60			106			152		
16			62			108			154		
18			64			110			156		
20			66			112			158		
22			68			114			160		
24			70			116			162		
26			72			118			164		
28			74			120			166		
30			76			122			168		
32			78			124			170		
34			80			126			172		
36			82			128			174		
38			84			130			176		
40			86			132			178		
42			88			134			180		
44			90			136					

SECTION VIII

RESPONSE TRANSMIT ANTENNA INFORMATION

For each response transmit directional antenna not listed on the FCC's list of common "off-the-shelf" directional antennas, you must submit a tabulation of relative field radiation pattern in the horizontal plane at every ten degrees and all maxima and minima.

Antenna Make: _____ Model: _____

Required Azimuths						Optional Azimuths	
Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field	Azimuth	Rel Field
0		120		240			
10		130		250			
20		140		260			
30		150		270			
40		160		280			
50		170		290			
60		180		300			
70		190		310			
80		200		320			
90		210		330			
100		220		340			
110		230		350			

SECTION IX – FINANCIAL QUALIFICATIONS

NOTE: IF THIS APPLICATION IS FOR A CHANGE IN AN OPERATING FACILITY, DO NOT FILL OUT THIS SECTION.

- 1. a. Is this application contingent upon receipt of a grant from the National Telecommunications and Information Administration? YES NO
- b. Is this application contingent upon the receipt of a grant from a charitable organization, the approval of the budget of a school or university, or an appropriation from a state, county, municipality or other political subdivision? YES NO

NOTE: If either (a) or (b) is answered YES, your application cannot be granted until all the necessary funds are committed or appropriated. In the case of grants from the National Telecommunications and Information Administration, no further action on your part is required. If you rely on funds from a source specified in Question (b), **YOU MUST ADVISE THE FCC WHEN THE FUNDS ARE COMMITTED OR APPROPRIATED.** This should be accomplished by letter amendment to your application, in triplicate, signed in the same manner as the original application, and clearly identifying the application to be amended.

- 2. Except as indicated in Question Numbers 1(a) and 1(b) above, the applicant certifies that:
 - a. It has a reasonable assurance of present commitments from each donor, from each party agreeing to furnish capital, from each bank, financial institution or others agreeing to lend funds, and from each equipment supplier agreeing to extend credit. YES NO
 - b. It can and will meet all contractual requirements as to collateral, guarantees, and capital investments or donations. YES NO
 - c. It has determined that a reasonable assurance exists that all such sources (excluding banks, financial institutions, and equipment manufacturers) have sufficient net liquid assets to meet these commitments. YES NO
- 3. The applicant certifies, except as noted above, that sufficient net liquid assets are on hand or available from committed sources to construct and operate the requested facilities for three months without additional funds. YES NO

SECTION X – SERVICE PROPOSAL

1. Attach as an Exhibit the applicant’s purpose and objective in establishing the proposed station and a statement of proposed program policies.

Exhibit No.

2. Will the applicant’s request result in its authorization for more than four ITFS channels within 56.3 kilometers of the transmitting antenna site?

YES NO

If YES, submit as an Exhibit a showing in support of a waiver of 47 C.F.R. § 74.902(d), including call letters and uses of any existing stations, and the availability of other ITFS channels in the area to be served.

Exhibit No.

3. Attach as an Exhibit an explanation of the need for the number of channels requested, based on the submitted schedules of weekly service. See paragraph 5, below.

Exhibit No.

4. If the requested facilities will replace an E- or F-channel group currently authorized to the applicant, does the applicant claim that such relocation is necessary to meet increased demand for its services which cannot be accommodated on its present E- or F-channel group facilities?

YES NO

If YES, attach a narrative justification as an Exhibit, specifically describing the expansion of service And the limitation of such expansion imposed by the grandfathered status of the existing facilities.

Exhibit No.

5. For each channel requested, complete one copy of the chart on page 20 with a proposed weekly schedule of ITFS programming, together with a brief description of programs not recognizable by their titles. Indicate by “F” those programs which are delivered to enrolled students for academic credit. Indicate by “L” those programs which are produced by the applicant.

6. With respect to each channel, answer the following questions:

	1	2	3	4
Total hours formal education programming for credit for enrolled students on this channel:				
Total hours other ITFS service (see 47 C.F.R. § 74.931(b)) on this channel:				
Will some airtime on this channel be used for non-ITFS purposes?	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO	<input type="checkbox"/> YES <input type="checkbox"/> NO
If YES, total hours which are not accounted for in the chart on page 20 over which applicant will maintain control by reservation or preemption authority:				

7. Cite by reference the provision(s) in the lease agreement that empowers the licensee to reserve or recapture airtime for ITFS service: _____

SECTION XI – CHART 9

Specify Channel (one chart per channel): Channel _____

	MON	TUES	WED	THUR	FRI	SAT	SUN
8:00 AM							
8:30							
9:00							
9:30							
10:00							
10:30							
11:00							
11:30							
12:00 PM							
12:30							
1:00							
1:30							
2:00							
2:30							
3:00							
3:30							
4:00							
4:30							
5:00							
5:30							
6:00							
6:30							
7:00							
7:30							
8:00							
8:30							
9:00							
9:30							
10:00							

SECTION XII – ASSIGNMENT/TRANSFER OF CONTROL

1. Name of Assignor/Transferor	Mailing Address or P. O. Box		
FCC Registration Number (FRN)	City	State	Zip Code

2. Name of Transferee	Mailing Address or P. O. Box		
FCC Registration Number (FRN)	City	State	Zip Code

3. Provide the following information in the chart below for each facility authorized to the assignor/transferor for which assignment/transfer of control is sought in this application.

CALL SIGN	LOCATION (CITY/STATE)	FILE NUMBER	EXPIRATION DATE

4. Submit as an Exhibit a copy of the contract or agreement for sale of the assets or transfer of control. If there is only an oral agreement, reduce the terms to writing and attach.

Exhibit No.

SECTION XIII – WAIVER REQUEST/ADDITIONAL INFORMATION

1. Waiver Requests. Provide under this Exhibit all waiver requests. Each request should be separated by three line spaces and a title which details the purpose of the showing (i.e., “The following is a request for waiver of 47 C.F.R. § 74.902”).
2. Additional Information. Provide any other information in this Exhibit that is needed for this application. multiple showings may be submitted under this Exhibit. Each showing submitted under this Exhibit should be separated by three line spaces and a title which details the purpose of the showing.

Exhibit No.

Exhibit No.
