

**City of Houston**  
**Information Technology Division**  
**Radio Communications**  
Tom Sorley, Deputy Director



**Application For Region 51 800 MHz Radio Spectrum**

853.7250/808.7250 MHz frequency pair

Presented by City of Houston Radio Communications Services

April 1, 2011

## Region 51 Application for 800 MHz Radio Spectrum Supplemental Form

Name of Applicant: City of Houston Information Technology Department  
Radio Communications Services  
Name of Preparer: Marc D. Vaughn  
Title: Technical Hardware Analyst III  
Mailing Address: 523 Texas N Sam Houston Pkwy Ste 200  
Houston, TX. 77060  
Telephone Number: (832) 393-0322  
E-Mail: marc.vaughn@houstontx.gov

Authorized Signature  Date 4-1-2011  
*Tom Sorley Deputy Director*

### Description of proposed system:

The ultimate goal for this project will be to replace the three existing radio system under one P25 compliant 7 site system. The benefits of implementing this system including improving citywide communications and providing inter agency interoperability between City, County, Regional and State and Federal agencies.

### Justification:

The City of Houston requests one (1) frequency for the installation of an 800MHz trunked radio system. This channel will provide the needed capacity for the new radio system. The current systems do not have the sufficient capacity to meet the needs of the existing users.

Funding Statement:

The system is being funded primarily from government grants, voter approved bonds and supplemented by city enterprise funds.

Give Back Frequencies: None

Number of Sites Proposed: Seven (7)

Number of channels requested: One (1)

Number of subscribers: Ten Thousand (10,000)

Implementation Schedule: Implementation will be completed within twelve (12) months after the FCC has authorized the request of frequencies.

Is this a request for a new system or expansion of an existing system? New system

The request is for the expansion of an existing system? No

|                                  |                                  |
|----------------------------------|----------------------------------|
| 1) Radio Service Code: <b>YE</b> | 1a) Existing Radio Service Code: |
|----------------------------------|----------------------------------|

**Application Purpose**

|  |  |
|--|--|
| 2) (Select only one) ( <b>NE</b> )<br><b>NE</b> - New <b>RO</b> - Renewal Only <b>AU</b> - Administrative Update <b>NT</b> - Required Notifications<br><b>MD</b> - Modification <b>RM</b> - Renewal/Modification <b>WD</b> - Withdrawal of Application <b>EX</b> - Request for Extension of Time<br><b>AM</b> - Amendment <b>CA</b> - Cancellation of License <b>DU</b> - Duplicate License <b>RL</b> - Registered Location/Link |  |
| 3a) If this application is for a <u>D</u> evelopmental License, <u>D</u> emonstration License, or a <u>S</u> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter <u>N</u> (Not Applicable)  | ( <b>N</b> ) <u>D</u> <u>M</u> <u>S</u> <u>N/A</u> |
| 3b) If this application is for Special Temporary Authority due to an emergency situation enter 'Y'; otherwise enter 'N.' Refer to Rule 1.915 for an explanation of situations considered to be an emergency.   | ( <b>N</b> ) <u>Y</u> es <u>N</u> o                |
| 4) If this application is an Ammdement or Withdrawal, enter the file number of the pending application currently on file with the FCC.   | File Number  |
| 5) If this request is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license. If this is a application for Registered Location/Link, enter the FCC call sign assigned to the geographic license.  | Call Sign  |
| 6) If this application is for a New, Amendment, Renewal Only or Renewal/Modification, enter the requested authorization expiration date (this item is optional).   |  |
| 7) Is this application "major" as defined in para 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of para 1.929).   | N/A  |
| 8) Are attachments (other than associated schedules) being filed with this application?  | ( <b>Y</b> ) <u>Y</u> es <u>N</u> o                |

**Fees, Waivers, and Exemptions**

|   |                                     |
|---|-------------------------------------|
| 9) Is the applicant exempt from FCC application fees?   | ( <b>Y</b> ) <u>Y</u> es <u>N</u> o |
| 10) Is the applicant exempt from FCC regulatory fees?   | ( <b>Y</b> ) <u>Y</u> es <u>N</u> o |
| 11a) Does this application include a request for a Waiver of the Commission's rules? If 'Yes', attach an exhibit providing rule numbers and explaining circumstances.                   | ( <b>N</b> ) <u>Y</u> es <u>N</u> o |
| 11b) If 11a is 'Y', enter the number of rule section(s) being waived.   |                                     |
| 12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station? | ( <b>Y</b> ) <u>Y</u> es <u>N</u> o |

## Applicant Information

|  |   |  |                            |
|--|---|--|----------------------------|
| 13) FCC Registration Number (FRN): <b>0017970401</b>   |   |  |                            |
| 14) Applicant/Licensee Legal Entity Type (Select One)<br><input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input checked="" type="checkbox"/> Government Entity <input type="checkbox"/> Corporation<br><input type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium<br><input type="checkbox"/> Other: |   |  |                            |
| 15) If the licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided? <b>N</b>   |   |  |                            |
| 16) First Name (if individual):  | MI:   | Last Name:   | Suffix:                    |
| 17) Legal Entity Name (if other than individual): <b>City of Houston - ITD RCS</b>   |   |  |                            |
| 18) Attention To: <b>Todd B Johnson</b>  |   |  |                            |
| 19) P.O. Box: <b>Suite 901</b>   | And/Or  | 20) Street Address: <b>611 Walker</b>  |                            |
| 21) City: <b>Houston</b>   | 22) State: <b>TX</b>  |  | 23) ZIP Code: <b>77002</b> |
| 24) Telephone Number: <b>(832) 393-0361</b>  |   | 25) FAX: <b>(832) 395-9561</b>   |                            |
| 26) E-Mail Address: <b>toddb.johnson@houstontx.gov</b>   |   |  |                            |
| <b>Race:</b><br><input type="checkbox"/> American Indian or Alaska Native<br><input type="checkbox"/> Asian<br><input type="checkbox"/> Black or African-American<br><input type="checkbox"/> Native Hawaiian or Other Pacific Islander<br><input type="checkbox"/> White  | <b>Ethnicity:</b><br><input type="checkbox"/> Hispanic or Latino<br><input type="checkbox"/> Not Hispanic or Latino | <b>Gender:</b><br><input type="checkbox"/> Male<br><input type="checkbox"/> Female |                            |

## Real Party in Interest

|  |  |
|--|--|
| 28) Name of Real Party in Interest of Applicant (if different from applicant): | 29) FCC Registration Number (FRN) of Real Party in Interest: |
|--|--|

## Contact Information (if different from applicant)

|                       |            |                     |         |
|-----------------------|------------|---------------------|---------|
| 30) First Name:       | MI:        | Last Name:          | Suffix: |
| 31) Company Name:     |            |                     |         |
| 32) Attention To:     |            |                     |         |
| 33) P.O. Box:         | And /Or    | 34) Street Address: |         |
| 35) City:             | 36) State: | 37) ZIP Code:       |         |
| 38) Telephone Number: |            | 39) FAX:            |         |
| 40) E-Mail Address:   |            |                     |         |

## Regulatory Status

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
 Common Carrier  Non-Common Carrier  Private, internal communications  Broadcast Services  Band Manager

## Type of Radio Service

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
 Fixed  Mobile  Radiolocation  Satellite (sound)  Broadcast Services

43) Does the Applicant propose to provide service interconnected to the public telephone network? (N) Yes No

## Alien Ownership Questions

44) Is the applicant a foreign government or the representative of any foreign government? (N) Yes No

45) Is the applicant an alien or the representative of an alien? (N) Yes No

46) Is the applicant a corporation organized under the laws of any foreign government? (N) Yes No

47) Is the applicant a corporation 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? (N) Yes No

48a) Is the applicant directly or indirectly controlled by any other corporation 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? (N) Yes No

48b) If the answer to 48a is 'Y', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?  
  
If the answer to 48b is 'Y', attach an exhibit that identifies the citation(s) of the applicable declaratory ruling(s) by DA/FCC number of the FCC Record citation, if available, release date, and any other identifying information (N) Yes No

If the answer to 48b is 'N', attach to this filing a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership ruling if the Applicant includes in the exhibit required by Item 48a showing that the requested license(s) is exempt from the provisions of Section 310(b)(4).

## Basic Qualification Questions

49) Has the applicant or any party to this application had any FCC station authorization, license, or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, construction permit denied by the Commission? (N) Yes No

50) Has the applicant or any party to this application or amendment, or any party directly or indirectly controlling the applicant, ever been convicted of a felony by any state or federal court? (N) Yes No

51) Has any court finally adjudged the applicant or any party directly or indirectly controlling the applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition? (N) Yes No

If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.

## Aeronautical Advisory Station (Unicom) Certification

52) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application. N/A

## Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership

53a) Will the requested facilities be used to provide multichannel video programming service? N/A

53b) If the answer to question 53a is yes, does applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located with the geographic service area of the requested facilities? N/A

**Note: If the answer to question 53b is 'Y', attach an exhibit explaining how the applicant complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, item 11a must be answered 'Y'.**

## Broadband Radio Service and Educational Broadband Service (Part 27)

|  |     |
|--|-----|
| 54) (For EBS only) Does the applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?   | N/A |
| <b>Note: If the answer to question 54 is 'N',</b> attach an exhibit explaining how the applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'. |     |
| 55) (For BRS and EBS) Does the applicant comply with Sections 27.50, 27.55, and 27.1221 of the Commission's Rules?   | N/A |
| <b>Note: If the answer to question 55 is 'N',</b> attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.  |     |

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## General Certification Statements

|   |
|---|
| 1) The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.   |
| 2) The applicant certifies that grant of this application would not cause the applicant to be in violation of any pertinent cross-ownership, attribution, or spectrum cap rule.*<br>*If the applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.  |
| 3) The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.   |
| 4) The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1998, 21 U.S.C. p862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the rules, 47 CFR p1.2002(c). See Section 1.2002(b) of the rules, 47 CFR p1.2002(b). for the definition of "party to the application" as used in this certification. |
| 5) The applicant certifies that it either (1) has a current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application or (3) is not required to file ownership data under the Commission's Rules.  |
| 6) The applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 C.F.R. 1.1307(b), or, (2) have been found not to cause human exposure to levels of radio frequency radiation in excess of the limits specified in 47 C.F.R. 1.1310 and 2.1093, or, (3) are the subject of one or more Environmental Assessments filed with the Commission.   |
| 7) The applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).   |
| 8) The applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.   |

## Signature

56) Typed or Printed Name of Party Authorized to Sign

|                                      |                 |                              |         |
|--------------------------------------|-----------------|------------------------------|---------|
| First Name:<br><b>Todd</b>           | MI:<br><b>B</b> | Last Name:<br><b>Johnson</b> | Suffix: |
| 57) Title: <b>Assistant Director</b> |                 |                              |         |
| Signature:                           |                 | 58) Date:                    |         |

|  |
|--|
| <b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>  |
| Upon grant of this license application, the licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application. |
| <b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>  |

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FCC 601  
Schedule D

Wireless Telecommunications Bureau Schedule for  
Station Locations and Antenna Structures

Approved by OMB  
3060-0798  
See 601 Maint Form  
for public burden estimate

|  |  |   |  |
|--|--|---|--|
| 1) Action Requested: (A) <u>A</u> dd <u>M</u> od <u>D</u> el   |  | 2) Location Number: <b>1</b>  |  |
| 3) Location Description: <b>Fixed</b>  |  | 4) Area of Operation Code: <b>N/A</b>   |  |
| 5) Location Name: <b>WT1959</b>  |  |   |  |
| 6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)<br><b>N/A</b>   |  |   |  |
| 7) Latitude (DD-MM-SS.S):<br><b>29-35-20.9</b>   |  | 8) Longitude (DDD-MM-SS.S):<br><b>95-10-48.1</b>  |  |
| <b>NAD83</b><br>( <b>N</b> ) <u>N</u> or <u>S</u>  |  | <b>NAD83</b><br>( <b>W</b> ) <u>E</u> or <u>W</u>   |  |
| 9) Street Address, Name of Landing Area, or Other Location Description:<br><b>900 Tristar Avenue</b>   |  |   |  |
| 10) City: <b>Webster</b>   |  | 11) State: <b>TX</b>  |  |
| 12) County/Borough/Parish: <b>Harris</b>   |  |   |  |
| 13) Elevation of Site AMSL (meters)<br>( 'a' in antenna structure example):<br><b>10.1</b>   |  | 14) Overall Ht AGL Without<br>Appurtenances (meters)<br>( 'b' in antenna structure example):<br><b>43.6</b> |  |
| 15) Overall Ht AGL With<br>Appurtenances (meters)<br>( 'c' in antenna structure example):<br><b>54.3</b>   |  |   |  |
| 16) Support Structure Type: <b>TANK - Any Type of Tank</b>   |  |   |  |
| 17) Location Number:<br>(Only for Area of<br>Operation Code 'A')   |  | 18) Radius (km):  |  |
|  |  | 19) Airport Identifier:   |  |
|  |  | 20) Site Status:  |  |
| 21) Latitude (DD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b>   |  | 22) Longitude (DDD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b>                            |  |
| <b>NAD83</b><br>( ) <u>N</u> or <u>S</u>   |  | <b>NAD83</b><br>( ) <u>E</u> or <u>W</u>  |  |
| 23) Do you propose to operate in an area that requires frequency coordination with Canada? <b>(N) Yes No</b>   |  |   |  |
| 24) Description: (only for Area of Operation Code 'O'):  |  |   |  |
| 25) Number of Units: _____ Hand Held _____ Mobile _____ Temporary Fixed _____ Aircraft _____ Itinerant   |  |   |  |
| 26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect?<br>See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. <b>(N) Yes No</b> |  |   |  |
| 27a) If the proposed site is located in one of the quiet zones listed in item 27 of the instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified:  |  |   |  |
| 27b) Has the applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? <b>(N) Yes No</b>  |  |   |  |
| 28) Do you propose to operate in an area that requires frequency coordination with Mexico? <b>(N) Yes No</b>   |  |   |  |

FCC 601  
Schedule D

Wireless Telecommunications Bureau Schedule for Station Locations and Antenna Structures

Approved by OMB  
3060-0798  
See 601 Maint Form  
for public burden estimate

|  |                  |  |   |
|--|------------------|--|---|
| 1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>  |                  | 2) Location Number: <u>2</u>   |   |
| 3) Location Description: <u>6.1 Meter Control Station</u>  |                  | 4) Area of Operation Code: <u>N/A</u>  | 5) Location Name: <u>Control Stations</u>   |
| 6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)<br><u>N/A</u>   |                  |  |   |
| 7) Latitude (DD-MM-SS.S):<br><u>NAD83</u><br>( ) <u>N</u> or <u>S</u>  |                  | 8) Longitude (DDD-MM-SS.S):<br><u>NAD83</u><br>( ) <u>E</u> or <u>W</u>  |   |
| 9) Street Address, Name of Landing Area, or Other Location Description:  |                  |  |   |
| 10) City: <u>Houston</u>   |                  | 11) State: <u>TX</u>   | 12) County/Borough/Parish: <u>Harris</u>  |
| 13) Elevation of Site AMSL (meters)<br>( 'a' in antenna structure example):  |                  | 14) Overall Ht AGL Without<br>Appurtenances (meters)<br>( 'b' in antenna structure example):                                 | 15) Overall Ht AGL With<br>Appurtenances (meters)<br>( 'c' in antenna structure example): |
| 16) Support Structure Type: <u>None - No support structure</u>   |                  |  |   |
| 17) Location Number:<br>(Only for Area of<br>Operation Code 'A')   | 18) Radius (km): | 19) Airport Identifier:  | 20) Site Status:  |
| 21) Latitude (DD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b><br><u>NAD83</u><br>( ) <u>N</u> or <u>S</u>   |                  | 22) Longitude (DDD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b><br><u>NAD83</u><br>( ) <u>E</u> or <u>W</u> |   |
| 23) Do you propose to operate in an area that requires frequency coordination with Canada?   |                  |  | (N) <u>Yes</u> <u>No</u>  |
| 24) Description: (only for Area of Operation Code 'O'):  |                  |  |   |
| 25) Number of Units: _____ Hand Held _____ Mobile _____ Temporary Fixed _____ Aircraft _____ Itinerant   |                  |  |   |
| 26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect?<br>See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. |                  |  | (N) <u>Yes</u> <u>No</u>  |
| 27a) If the proposed site is located in one of the quiet zones listed in item 27 of the instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified:  |                  |  |   |
| 27b) Has the applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application?  |                  |  | (N) <u>Yes</u> <u>No</u>  |
| 28) Do you propose to operate in an area that requires frequency coordination with Mexico?   |                  |  | (N) <u>Yes</u> <u>No</u>  |

**Eligibility**

|                                   |  |
|-----------------------------------|--|
| 1) Rule Section:<br><b>90.523</b> | 2) Describe Activity:<br><b>APPLICANT IS A GOVERNEMENT ENTITIY CHARGED WITH PROVIDING PUBLIC SAFETY RADIO COMMUNICATIONS</b> |
|-----------------------------------|--|

**Frequency Coordination Information (if not self-coordinated)**

|  |                                      |                         |                          |
|--|--------------------------------------|-------------------------|--------------------------|
| 3)<br>Frequency Coordination Number:<br><b>CAP002040</b>   | 4)<br>Name of Frequency Coordinator: | 5)<br>Telephone Number: | 6)<br>Coordination Date: |
| 7) Has this application been successfully coordinated? <span style="float: right;">(N) <u>Yes</u> / <u>No</u></span> |                                      |                         |                          |

**Extended Implementation (Slow Growth)**

|   |
|---|
| 8) Are you requesting a new or modified extended implementation plan?<br>If "yes", attach an exhibit with a justification and a proposed station construction schedule. <span style="float: right;">(N) <u>Yes</u> / <u>No</u></span> |
|---|

**Associated Call Signs (Attach additional sheets if required)**

|    |  |  |  |  |
|----|--|--|--|--|
| 9) |  |  |  |  |
|    |  |  |  |  |
|    |  |  |  |  |
|    |  |  |  |  |

**Broadcast Auxiliary Only**

|  |                                    |                                      |   |
|--|------------------------------------|--------------------------------------|---|
| If there is an associated Parent Station, complete Items 10-12.  | 10) Facility Id of Parent Station: | 11) Radio Service of Parent Station: | 12) City and State of Parent Station Principal Community: |
| 13) If there is no associated parent station, this applicant is a: ( )<br><u>B</u> roadcast Network Entity <u>T</u> elevision <u>C</u> able operator <u>M</u> otion Picture Producer <u>T</u> elevision Producer |                                    |                                      | 14) State of Primary Operation:                           |

**Control Point(s) (Other than at the transmitter) (Attach additional sheets if required)**

| 15)<br>Action A/M/D | 16)<br>Control Point Number | 17)<br>Location<br>Street Address, City or Town, County/Borough/Parish, State | 18)<br>Telephone Number |
|---------------------|-----------------------------|---|-------------------------|
| 1.                  |                             |   |                         |
| 2.                  |                             |   |                         |
| 3.                  |                             |   |                         |
| 4.                  |                             |   |                         |
| 5.                  |                             |   |                         |

**Antenna Information**

| 19)<br>Action<br>(A/M/D) | 20)<br>Location<br>Number | 21)<br>Antenna<br>Number | 22)<br>AAT<br>(meters) | 23)<br>Antenna Ht<br>(meters) | 24)<br>Azimuth<br>(degrees) | 25)<br>Beamwidth<br>(degrees) | 26)<br>Polarization | 27)<br>Gain (dB) |
|--------------------------|---------------------------|--------------------------|------------------------|-------------------------------|-----------------------------|-------------------------------|---------------------|------------------|
| 1. A                     | 1                         | 1                        |                        |                               |                             |                               | V                   |                  |
| 2. A                     | 2                         | 1                        |                        |                               |                             |                               | V                   |                  |
| 3.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 4.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 5.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 6.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 7.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 8.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 9.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 10.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 11.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 12.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 13.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 14.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 15.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 16.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 17.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 18.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 19.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 20.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 21.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 22.                      |                           |                          |                        |                               |                             |                               |                     |                  |

**Frequency Information**

| 28)<br>Action<br>(A/M/D) | 29)<br>Location<br>Number | 30)<br>Antenna<br>Number | 31)<br>Frequency<br>(MHz)<br><br>New | 32)<br>Station<br>Class | 33)<br>No. of<br>Units | 34)<br>No. of<br>Paging<br>Receivers | 35)<br>Output<br>Power<br>(watts) | 36)<br>ERP<br>(watts) | 37)<br>Emission<br>Designators |
|--------------------------|---------------------------|--------------------------|--------------------------------------|-------------------------|------------------------|--------------------------------------|-----------------------------------|-----------------------|--------------------------------|
| 1. <b>A</b>              | <b>1</b>                  | <b>1</b>                 | <b>853.725000</b>                    | <b>FB2</b>              | <b>1</b>               |                                      | <b>100.000</b>                    | <b>102.000</b>        | <b>8K10F1D</b>                 |
| 2.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K10F1E</b>                 |
| 3.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K10F7W</b>                 |
| 4.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K70D1W</b>                 |
| 5.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K70D7W</b>                 |
| 6. <b>A</b>              | <b>2</b>                  | <b>1</b>                 | <b>808.725000</b>                    | <b>FX1</b>              | <b>1</b>               |                                      | <b>35.000</b>                     | <b>150.000</b>        | <b>8K10F1D</b>                 |
| 7.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K10F1E</b>                 |
| 8.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K10F7W</b>                 |
| 9.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K70D1W</b>                 |
| 10.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       | <b>8K70D7W</b>                 |
| 11.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 12.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 13.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 14.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 15.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 16.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 17.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 18.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 19.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 20.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 21.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 22.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |

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|                           |                                  |
|---------------------------|----------------------------------|
| 1) Radio Service Code: YE | 1a) Existing Radio Service Code: |
|---------------------------|----------------------------------|

**Application Purpose**

|  |   |
|--|---|
| 2) (Select only one) ( NE )<br>NE - New                      RO - Renewal Only                      AU - Administrative Update                      NT - Required Notifications<br>MD - Modification                      RM - Renewal/Modification                      WD - Withdrawal of Application                      EX - Request for Extension of Time<br>AM - Amendment                      CA - Cancellation of License                      DU - Duplicate License                      RL - Registered Location/Link |   |
| 3a) If this application is for a <u>D</u> evelopmental License, <u>D</u> emonstration License, or a <u>S</u> pecial Temporary Authorization (STA), enter the code and attach the required exhibit as described in the instructions. Otherwise enter <u>N</u> (Not Applicable)  | ( N ) <u>D</u> <u>M</u> <u>S</u> <u>N/A</u> |
| 3b) If this application is for Special Temporary Authority due to an emergency situation enter 'Y'; otherwise enter 'N.' Refer to Rule 1.915 for an explanation of situations considered to be an emergency.   | ( N ) <u>Y</u> <u>No</u>                    |
| 4) If this application is an Ammendment or Withdrawal, enter the file number of the pending application currently on file with the FCC.  | File Number                                 |
| 5) If this request is for a Modification, Renewal Only, Renewal/Modification, Cancellation of License, Duplicate License, or Administrative Update, enter the call sign of the existing FCC license. If this is a application for Registered Location/Link, enter the FCC call sign assigned to the geographic license.  | Call Sign                                   |
| 6) If this application is for a New, Amendment, Renewal Only or Renewal/Modification, enter the requested authorization expiration date (this item is optional).   |   |
| 7) Is this application "major" as defined in para 1.929 of the Commission's Rules when read in conjunction with the applicable radio service rules found in Parts 22 and 90 of the Commission's rules? (NOTE: This question only applies to certain site-specific applications. See the instructions for applicability and full text of para 1.929).   | N/A   |
| 8) Are attachments (other than associated schedules) being filed with this application?  | ( Y ) <u>Y</u> <u>No</u>                    |

**Fees, Waivers, and Exemptions**

|   |                          |
|---|--------------------------|
| 9) Is the applicant exempt from FCC application fees?   | ( Y ) <u>Y</u> <u>No</u> |
| 10) Is the applicant exempt from FCC regulatory fees?   | ( Y ) <u>Y</u> <u>No</u> |
| 11a) Does this application include a request for a Waiver of the Commission's rules?<br>If 'Yes', attach an exhibit providing rule numbers and explaining circumstances.                | ( N ) <u>Y</u> <u>No</u> |
| 11b) If 11a is 'Y', enter the number of rule section(s) being waived.   |                          |
| 12) Are the frequencies or parameters requested in this filing covered by grandfathered privileges, previously approved by waiver, or functionally integrated with an existing station? | ( Y ) <u>Y</u> <u>No</u> |

## Applicant Information

|  |   |  |                               |
|--|---|--|-------------------------------|
| 13) FCC Registration Number (FRN): <b>0017970401</b>   |   |  |                               |
| 14) Applicant/Licensee Legal Entity Type (Select One)<br><input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input checked="" type="checkbox"/> Government Entity <input type="checkbox"/> Corporation<br><input type="checkbox"/> Limited Liability Company <input type="checkbox"/> General Partnership <input type="checkbox"/> Limited Partnership <input type="checkbox"/> Limited Liability Partnership <input type="checkbox"/> Consortium<br><input type="checkbox"/> Other: |   |  |                               |
| 15) If the licensee name is being updated, is the update a result from the sale (or transfer of control) of the license(s) to another party and for which proper Commission approval has not been received or proper notification not provided? <b>N</b>   |   |  |                               |
| 16) First Name (if individual):  | MI:   | Last Name:   | Suffix:                       |
| 17) Legal Entity Name (if other than individual): <b>City of Houston - ITD RCS</b>   |   |  |                               |
| 18) Attention To: <b>Todd B Johnson</b>  |   |  |                               |
| 19) P.O. Box: <b>Suite 901</b>   | And/Or  | 20) Street Address: <b>611 Walker</b>  |                               |
| 21) City: <b>Houston</b>   | 22) State: <b>TX</b>  |  | 23) ZIP Code:<br><b>77002</b> |
| 24) Telephone Number: <b>(832) 393-0361</b>  |   | 25) FAX: <b>(832) 395-9561</b>   |                               |
| 26) E-Mail Address: <b>toddb.johnson@houstontx.gov</b>   |   |  |                               |
| <b>Race:</b><br><input type="checkbox"/> American Indian or Alaska Native<br><input type="checkbox"/> Asian<br><input type="checkbox"/> Black or African-American<br><input type="checkbox"/> Native Hawaiian or Other Pacific Islander<br><input type="checkbox"/> White  | <b>Ethnicity:</b><br><input type="checkbox"/> Hispanic or Latino<br><input type="checkbox"/> Not Hispanic or Latino | <b>Gender:</b><br><input type="checkbox"/> Male<br><input type="checkbox"/> Female |                               |

## Real Party in Interest

|  |  |
|--|--|
| 28) Name of Real Party in Interest of Applicant (if different from applicant): | 29) FCC Registration Number (FRN) of Real Party in Interest: |
|--|--|

## Contact Information (if different from applicant)

|                       |            |                     |         |
|-----------------------|------------|---------------------|---------|
| 30) First Name:       | MI:        | Last Name:          | Suffix: |
| 31) Company Name:     |            |                     |         |
| 32) Attention To:     |            |                     |         |
| 33) P.O. Box:         | And /Or    | 34) Street Address: |         |
| 35) City:             | 36) State: | 37) ZIP Code:       |         |
| 38) Telephone Number: |            | 39) FAX:            |         |
| 40) E-Mail Address:   |            |                     |         |

## Regulatory Status

41) This filing is for authorization to provide or use the following type(s) of radio service offering (enter all that apply):  
 Common Carrier  Non-Common Carrier  Private, internal communications  Broadcast Services  Band Manager

## Type of Radio Service

42) This filing is for authorization to provide the following type(s) of radio service (choose all that apply):  
 Fixed  Mobile  Radiolocation  Satellite (sound)  Broadcast Services

43) Does the Applicant propose to provide service interconnected to the public telephone network? (N) Yes No

## Alien Ownership Questions

44) Is the applicant a foreign government or the representative of any foreign government? (N) Yes No

45) Is the applicant an alien or the representative of an alien? (N) Yes No

46) Is the applicant a corporation organized under the laws of any foreign government? (N) Yes No

47) Is the applicant a corporation 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? (N) Yes No

48a) Is the applicant directly or indirectly controlled by any other corporation 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? (N) Yes No

48b) If the answer to 48a is 'Y', has the applicant received a ruling(s) under Section 310(b)(4) of the Communications Act with respect to the same radio service involved in this application?  
  
If the answer to 48b is 'Y', attach an exhibit that identifies the citation(s) of the applicable declaratory ruling(s) by DA/FCC number of the FCC Record citation, if available, release date, and any other identifying information (N) Yes No

If the answer to 48b is 'N', attach to this filing a date-stamped copy of a request for a foreign ownership ruling pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreign ownership ruling if the Applicant includes in the exhibit required by Item 48a showing that the requested license(s) is exempt from the provisions of Section 310(b)(4).

## Basic Qualification Questions

49) Has the applicant or any party to this application had any FCC station authorization, license, or construction permit revoked or had any application for an initial, modification or renewal of FCC station authorization, license, construction permit denied by the Commission? (N) Yes No

50) Has the applicant or any party to this application or amendment, or any party directly or indirectly controlling the applicant, ever been convicted of a felony by any state or federal court? (N) Yes No

51) Has any court finally adjudged the applicant or any party directly or indirectly controlling the applicant guilty of unlawfully monopolizing or attempting unlawfully to monopolize radio communication, directly or indirectly, through control of manufacture or sale of radio apparatus, exclusive traffic arrangement, or any other means or unfair methods of competition? (N) Yes No

If the answer to any of 49-51 is 'Y', attach an exhibit explaining the circumstances.

## Aeronautical Advisory Station (Unicom) Certification

52) I certify that the station will be located on property of the airport to be served, and, in cases where the airport does not have a control tower, RCO, or FAA flight service station, that I have notified the owner of the airport and all aviation service organizations located at the airport within ten days prior to application. N/A

## Broadband Radio Service and Educational Broadband Service Cable Cross-Ownership

53a) Will the requested facilities be used to provide multichannel video programming service? N/A

53b) If the answer to question 53a is yes, does applicant operate, control or have an attributable interest (as defined in Section 27.1202 of the Commission's Rules) in a cable television system whose franchise area is located with the geographic service area of the requested facilities? N/A

**Note: If the answer to question 53b is 'Y',** attach an exhibit explaining how the applicant complies with Section 27.1202 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, item 11a must be answered 'Y'.

## Broadband Radio Service and Educational Broadband Service (Part 27)

|  |     |
|--|-----|
| 54) (For EBS only) Does the applicant comply with the programming requirements contained in Section 27.1203 of the Commission's Rules?<br><br><b>Note: If the answer to question 54 is 'N', attach an exhibit explaining how the applicant complies with Section 27.1203 of the Commission's Rules or justifying a waiver of that rule. If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.</b> | N/A |
| 55) (For BRS and EBS) Does the applicant comply with Sections 27.50, 27.55, and 27.1221 of the Commission's Rules?<br><br><b>Note: If the answer to question 55 is 'N', attach an exhibit justifying a waiver of that rule(s). If a waiver of the Commission Rule(s) is being requested, Item 11a must be answered 'Y'.</b>  | N/A |

FCC 601 - Main Form  
February 2008 Page 3

## General Certification Statements

|   |
|---|
| 1) The applicant waives any claim to the use of any particular frequency or of the electromagnetic spectrum as against the regulatory power of the United States because of the previous use of the same, whether by license or otherwise, and requests an authorization in accordance with this application.   |
| 2) The applicant certifies that grant of this application would not cause the applicant to be in violation of any pertinent cross-ownership, attribution, or spectrum cap rule.*<br>*If the applicant has sought a waiver of any such rule in connection with this application, it may make this certification subject to the outcome of the waiver request.  |
| 3) The applicant certifies that all statements made in this application and in the exhibits, attachments, or documents incorporated by reference are material, are part of this application, and are true, complete, correct, and made in good faith.   |
| 4) The applicant certifies that neither the applicant nor any other party to the application is subject to a denial of Federal benefits pursuant to Section 5301 of the Anti-Drug Abuse Act of 1998, 21 U.S.C. p862, because of a conviction for possession or distribution of a controlled substance. This certification does not apply to applications filed in services exempted under Section 1.2002(c) of the rules, 47 CFR p1.2002(c). See Section 1.2002(b) of the rules, 47 CFR p1.2002(b). for the definition of "party to the application" as used in this certification. |
| 5) The applicant certifies that it either (1) has a current required ownership data on file with the Commission, (2) is filing updated ownership data simultaneously with this application or (3) is not required to file ownership data under the Commission's Rules.  |
| 6) The applicant certifies that the facilities, operations, and transmitters for which this authorization is hereby requested are either (1) categorically excluded from routine environmental evaluation for RF exposure as set forth in 47 C.F.R. 1.1307(b), or, (2) have been found not to cause human exposure to levels of radio frequency radiation in excess of the limits specified in 47 C.F.R. 1.1310 and 2.1093, or, (3) are the subject of one or more Environmental Assessments filed with the Commission.   |
| 7) The applicant certifies that it has reviewed the appropriate Commission Rules defining eligibility to hold the requested license(s), and is eligible to hold the requested license(s).   |
| 8) The applicant certifies that it is not in default on any payment for Commission licenses and that it is not delinquent on any non-tax debt owed to any federal agency.   |

## Signature

56) Typed or Printed Name of Party Authorized to Sign

|                                      |                 |                              |         |
|--------------------------------------|-----------------|------------------------------|---------|
| First Name:<br><b>Todd</b>           | MI:<br><b>B</b> | Last Name:<br><b>Johnson</b> | Suffix: |
| 57) Title: <b>Assistant Director</b> |                 |                              |         |
| Signature:                           |                 | 58) Date:                    |         |

|  |
|--|
| <b>FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.</b>  |
| Upon grant of this license application, the licensee may be subject to certain construction or coverage requirements. Failure to meet the construction or coverage requirements will result in termination of the license. Consult appropriate FCC regulations to determine the construction or coverage requirements that apply to the type of license requested in this application. |
| <b>WILLFUL FALSE STATEMENTS MADE ON THIS FORM OR ANY ATTACHMENTS ARE PUNISHABLE BY FINE AND/OR IMPRISONMENT (U.S. Code, Title 18, Section 1001) AND/OR REVOCATION OF ANY STATION LICENSE OR CONSTRUCTION PERMIT (U.S. Code, Title 47, Section 312(a)(1)), AND/OR FORFEITURE (U.S. Code, Title 47, Section 503).</b>  |

FCC 601 - Main Form  
February 2008 Page 4

FCC 601  
Schedule D

Wireless Telecommunications Bureau Schedule for  
Station Locations and Antenna Structures

Approved by OMB  
3060-0798  
See 601 Maint Form  
for public burden estimate

|  |  |   |  |
|--|--|---|--|
| 1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>  |  | 2) Location Number: <b>1</b>  |  |
| 3) Location Description: <b>Fixed</b>  |  | 4) Area of Operation Code: <b>N/A</b>   |  |
| 5) Location Name: <b>WT1959</b>  |  |   |  |
| 6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)<br><b>N/A</b>   |  |   |  |
| 7) Latitude (DD-MM-SS.S):<br><b>29-35-20.9</b>   |  | 8) Longitude (DDD-MM-SS.S):<br><b>95-10-48.1</b>  |  |
| <b>NAD83</b><br>(N) <u>N</u> or <u>S</u>   |  | <b>NAD83</b><br>(W) <u>E</u> or <u>W</u>  |  |
| 9) Street Address, Name of Landing Area, or Other Location Description:<br><b>900 Tristar Avenue</b>   |  |   |  |
| 10) City: <b>Webster</b>   |  | 11) State: <b>TX</b>  |  |
| 12) County/Borough/Parish: <b>Harris</b>   |  |   |  |
| 13) Elevation of Site AMSL (meters)<br>( 'a' in antenna structure example):<br><b>10.1</b>   |  | 14) Overall Ht AGL Without<br>Appurtenances (meters)<br>( 'b' in antenna structure example):<br><b>43.6</b> |  |
| 15) Overall Ht AGL With<br>Appurtenances (meters)<br>( 'c' in antenna structure example):<br><b>54.3</b>   |  |   |  |
| 16) Support Structure Type: <b>TANK - Any Type of Tank</b>   |  |   |  |
| 17) Location Number:<br>(Only for Area of<br>Operation Code 'A')   |  | 18) Radius (km):  |  |
|  |  | 19) Airport Identifier:   |  |
| 20) Site Status:   |  |   |  |
| 21) Latitude (DD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b>   |  | 22) Longitude (DDD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b>                            |  |
| <b>NAD83</b><br>( ) <u>N</u> or <u>S</u>   |  | <b>NAD83</b><br>( ) <u>E</u> or <u>W</u>  |  |
| 23) Do you propose to operate in an area that requires frequency coordination with Canada? <b>(N) Yes No</b>   |  |   |  |
| 24) Description: (only for Area of Operation Code 'O'):  |  |   |  |
| 25) Number of Units: _____ Hand Held _____ Mobile _____ Temporary Fixed _____ Aircraft _____ Itinerant   |  |   |  |
| 26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect?<br>See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. <b>(N) Yes No</b> |  |   |  |
| 27a) If the proposed site is located in one of the quiet zones listed in item 27 of the instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified:  |  |   |  |
| 27b) Has the applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application? <b>(N) Yes No</b>  |  |   |  |
| 28) Do you propose to operate in an area that requires frequency coordination with Mexico? <b>(N) Yes No</b>   |  |   |  |

**FCC 601  
Schedule D**

**Wireless Telecommunications Bureau Schedule for  
Station Locations and Antenna Structures**

Approved by OMB  
3060-0798  
See 601 Maint Form  
for public burden estimate

|  |  |  |   |
|--|--|--|---|
| 1) Action Requested: (A) <u>Add</u> <u>Mod</u> <u>Del</u>  |  | 2) Location Number: <b>2</b>   |   |
| 3) Location Description: <b>6.1 Meter Control Station</b>  |  | 4) Area of Operation Code: <b>N/A</b>  | 5) Location Name: <b>Control Stations</b>   |
| 6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)<br><b>N/A</b>   |  |  |   |
| 7) Latitude (DD-MM-SS.S):<br><b>NAD83</b><br>( ) <u>N</u> or <u>S</u>  |  | 8) Longitude (DDD-MM-SS.S):<br><b>NAD83</b><br>( ) <u>E</u> or <u>W</u>  |   |
| 9) Street Address, Name of Landing Area, or Other Location Description:  |  |  |   |
| 10) City: <b>Houston</b>   |  | 11) State: <b>TX</b>   | 12) County/Borough/Parish: <b>Harris</b>  |
| 13) Elevation of Site AMSL (meters)<br>( 'a' in antenna structure example):  |  | 14) Overall Ht AGL Without<br>Appurtenances (meters)<br>( 'b' in antenna structure example):                                 | 15) Overall Ht AGL With<br>Appurtenances (meters)<br>( 'c' in antenna structure example): |
| 16) Support Structure Type: <b>None - No support structure</b>   |  |  |   |
| 17) Location Number:<br>(Only for Area of<br>Operation Code 'A')   |  | 18) Radius (km):   | 19) Airport Identifier:   |
| 20) Site Status:   |  |  |   |
| 21) Latitude (DD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b><br><b>NAD83</b><br>( ) <u>N</u> or <u>S</u>   |  | 22) Longitude (DDD-MM-SS.S):<br><b>Use for rectangle only (Northwest corner)</b><br><b>NAD83</b><br>( ) <u>E</u> or <u>W</u> |   |
| 23) Do you propose to operate in an area that requires frequency coordination with Canada?   |  |  | ( <b>N</b> ) <u>Yes</u> <u>No</u>   |
| 24) Description: (only for Area of Operation Code 'O'):  |  |  |   |
| 25) Number of Units: _____ Hand Held _____ Mobile _____ Temporary Fixed _____ Aircraft _____ Itinerant   |  |  |   |
| 26) Would a Commission grant of Authorization for this location be an action which may have a significant environmental effect?<br>See Section 1.1307 of 47 CFR. If 'Yes', submit an environmental assessment as required by 47 CFR, Sections 1.1308 and 1.1311. |  |  | ( <b>N</b> ) <u>Yes</u> <u>No</u>   |
| 27a) If the proposed site is located in one of the quiet zones listed in item 27 of the instructions, provide the date (mm/dd/yyyy) that the proper Quiet Zone entity was notified:  |  |  |   |
| 27b) Has the applicant obtained prior written consent from the proper Quiet Zone entity for the same technical parameters that are specified in this application?  |  |  | ( <b>N</b> ) <u>Yes</u> <u>No</u>   |
| 28) Do you propose to operate in an area that requires frequency coordination with Mexico?   |  |  | ( <b>N</b> ) <u>Yes</u> <u>No</u>   |

**Eligibility**

|                                   |  |
|-----------------------------------|--|
| 1) Rule Section:<br><b>90.523</b> | 2) Describe Activity:<br><b>APPLICANT IS A GOVERNEMENT ENTITIY CHARGED WITH PROVIDING PUBLIC SAFETY RADIO COMMUNICATIONS</b> |
|-----------------------------------|--|

**Frequency Coordination Information (if not self-coordinated)**

|  |                                      |                         |                          |
|--|--------------------------------------|-------------------------|--------------------------|
| 3)<br>Frequency Coordination<br>Number:<br><b>CAP002040</b>                | 4)<br>Name of Frequency Coordinator: | 5)<br>Telephone Number: | 6)<br>Coordination Date: |
| 7) Has this application been successfully coordinated? (N) <u>Yes</u> / No |                                      |                         |                          |

**Extended Implementation (Slow Growth)**

|   |
|---|
| 8) Are you requesting a new or modified extended implementation plan?<br>If "yes", attach an exhibit with a justification and a proposed station construction schedule. (N) <u>Yes</u> / No |
|---|

**Associated Call Signs (Attach additional sheets if required)**

|    |  |  |  |  |
|----|--|--|--|--|
| 9) |  |  |  |  |
|    |  |  |  |  |
|    |  |  |  |  |
|    |  |  |  |  |

**Broadcast Auxiliary Only**

|  |                                    |                                      |   |
|--|------------------------------------|--------------------------------------|---|
| If there is an associated Parent Station, complete Items 10-12.  | 10) Facility Id of Parent Station: | 11) Radio Service of Parent Station: | 12) City and State of Parent Station Principal Community: |
| 13) If there is no associated parent station, this applicant is a: ( )<br><input checked="" type="checkbox"/> Broadcast Network Entity <input type="checkbox"/> Television <input type="checkbox"/> Cable operator <input type="checkbox"/> Motion Picture Producer <input type="checkbox"/> Television Producer |                                    |                                      | 14) State of Primary Operation:                           |

**Control Point(s) (Other than at the transmitter) (Attach additional sheets if required)**

| 15)<br>Action<br>A/M/D | 16)<br>Control<br>Point<br>Number | 17)<br>Location<br>Street Address, City or Town, County/Borough/Parish, State | 18)<br>Telephone<br>Number |
|------------------------|-----------------------------------|---|----------------------------|
| 1.                     |                                   |   |                            |
| 2.                     |                                   |   |                            |
| 3.                     |                                   |   |                            |
| 4.                     |                                   |   |                            |
| 5.                     |                                   |   |                            |

**Antenna Information**

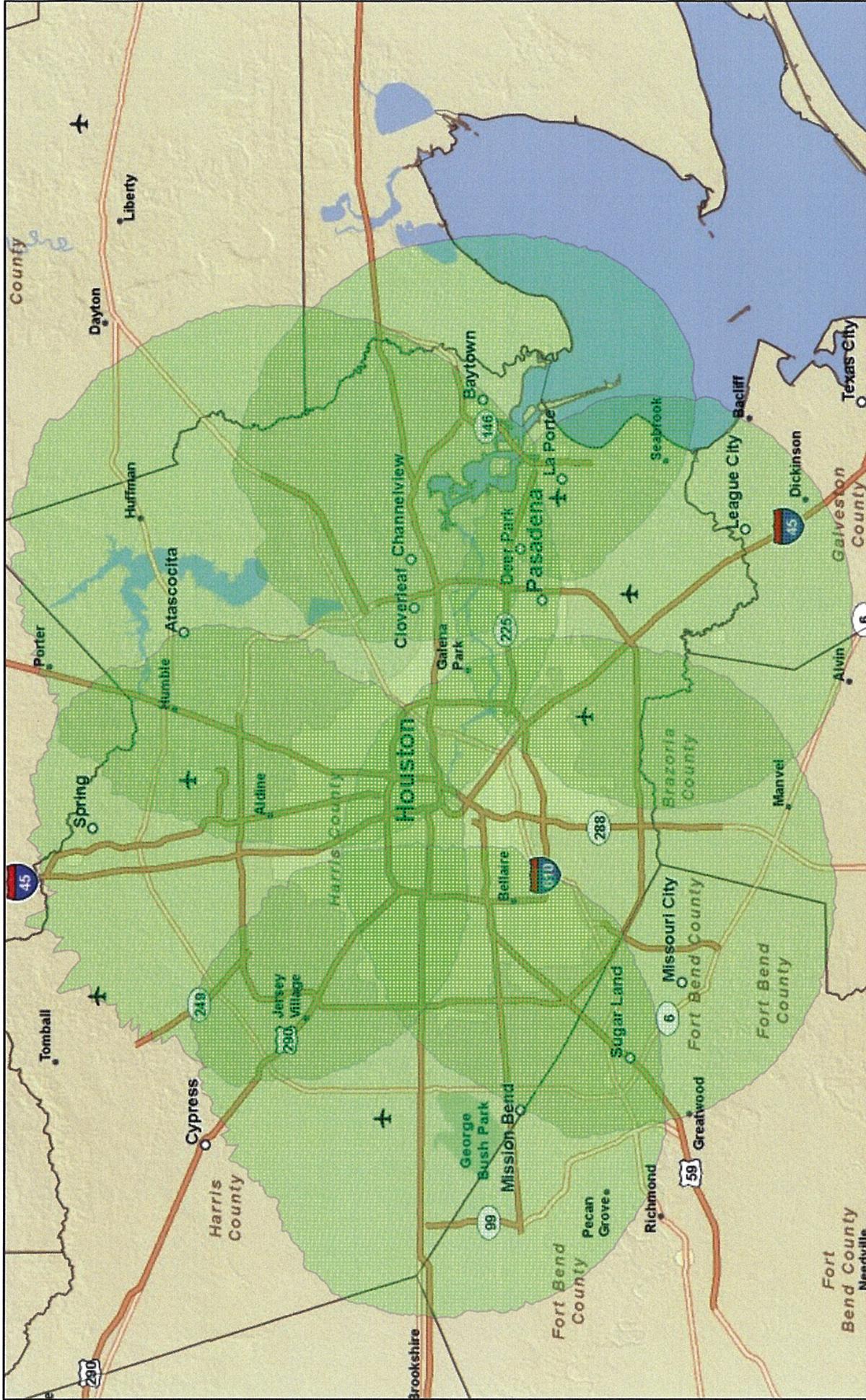
| 19)<br>Action<br>(A/M/D) | 20)<br>Location<br>Number | 21)<br>Antenna<br>Number | 22)<br>AAT<br>(meters) | 23)<br>Antenna Ht<br>(meters) | 24)<br>Azimuth<br>(degrees) | 25)<br>Beamwidth<br>(degrees) | 26)<br>Polarization | 27)<br>Gain (dB) |
|--------------------------|---------------------------|--------------------------|------------------------|-------------------------------|-----------------------------|-------------------------------|---------------------|------------------|
| 1. A                     | 1                         | 1                        |                        |                               |                             |                               | V                   |                  |
| 2. A                     | 2                         | 1                        |                        |                               |                             |                               | V                   |                  |
| 3.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 4.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 5.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 6.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 7.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 8.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 9.                       |                           |                          |                        |                               |                             |                               |                     |                  |
| 10.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 11.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 12.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 13.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 14.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 15.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 16.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 17.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 18.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 19.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 20.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 21.                      |                           |                          |                        |                               |                             |                               |                     |                  |
| 22.                      |                           |                          |                        |                               |                             |                               |                     |                  |

**Frequency Information**

| 28)<br>Action<br>(A/M/D) | 29)<br>Location<br>Number | 30)<br>Antenna<br>Number | 31)<br>Frequency<br>(MHz)<br><br>New | 32)<br>Station<br>Class | 33)<br>No. of<br>Units | 34)<br>No. of<br>Paging<br>Receivers | 35)<br>Output<br>Power<br>(watts) | 36)<br>ERP<br>(watts) | 37)<br>Emission<br>Designators |
|--------------------------|---------------------------|--------------------------|--------------------------------------|-------------------------|------------------------|--------------------------------------|-----------------------------------|-----------------------|--------------------------------|
| 1. A                     | 1                         | 1                        | 853.725000                           | FB2                     | 1                      |                                      | 100.000                           | 102.000               | 8K10F1D                        |
| 2.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K10F1E                        |
| 3.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K10F7W                        |
| 4.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K70D1W                        |
| 5.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K70D7W                        |
| 6. A                     | 2                         | 1                        | 808.725000                           | FX1                     | 1                      |                                      | 35.000                            | 150.000               | 8K10F1D                        |
| 7.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K10F1E                        |
| 8.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K10F7W                        |
| 9.                       |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K70D1W                        |
| 10.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       | 8K70D7W                        |
| 11.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 12.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 13.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 14.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 15.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 16.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 17.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 18.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 19.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 20.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 21.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |
| 22.                      |                           |                          |                                      |                         |                        |                                      |                                   |                       |                                |



# Houston PSRS 800MHz Contours



0 2 4 8 Miles  
1 inch = 7.83 miles

R6602 40dBu F(50,50)

Keith Hersel