

To Whom It May Concern:

Radio Communications:

Adjacent Channel Interference:

In all Harris County Radio planning, careful attention is given to minimize radio interference on all radio channels. Most interference can be minimized through proper planning and engineering. However, in some cases, even where proper engineering has been employed, interference can be caused by equipment failure and/or proper servicing techniques.

Concerning any or all Harris County Radio Sites and/or channels, Harris County Regional Radio Center is dedicated to the highest standards and performance that can be obtained in the industry. In the event of adjacent channel interference, or any type of interference which caused radio equipment owned and maintained by Harris County, Harris County will correct the problem with its equipment or cease operation on that radio channel until the problem is resolved. If the interference cannot be remedied through normal techniques, and there is no equipment problem, Harris County will remove, re-license, and relocate the interfering radio channel to a new licensed physical location to resolve the problem and to adhere and conform to all standards approved in the NPSPAC Region 51 Plan.

John Rhyne, Lieutenant

Brazoria County Sheriff's Department.

Mr. Douglas Frankhouser, Chairman  
NPSPAC Region 51

Dear Chairman Frankhouser:

Brazoria County Sheriff's Department 700MHz application.

Brazoria County requests the reuse of six (6) radio channels by Region 51 for the aid in expansion of the Regional Project 25 (P25) trunked radio system. The addition of these frequencies are required to provide the coverage and loading for the growing number of users in this area of the regional P25 radio system.

These 6 frequencies we are requesting will be used at existing sites and for system expansion by adding additional sites to increase capacity for users to the system.

The requested frequencies are needed to establish a P25 interoperable communication system between Brazoria County and the existing Regional System. The P25 digital system is designed to bring the regional communications to the highest level of interoperable communications available.

The appropriate APCO, FCC forms and coverage maps have been completed and are attached. Coverage maps follow TIA/EIA TSB 88 guidelines and include interference area studies.

Equipment has been purchased and installed awaiting frequencies. The sites have been approved with grant funds and are in the process of being ordered.

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

Sincerely,

John Rhyne, Lieutenant  
Brazoria County Sheriff's Department

Sincerely,

## Region 51 Application for 700 MHz Radio Spectrum Supplemental Form

Name of Applicant: Brazoria County Sheriffs Department

Name of Preparer: Patrick Burleson  
Title: Radio Systems Manager  
Mailing Address: 2318 Greens Road  
Houston, Texas 77032  
Telephone Number: 713-274-8810

Authorized Signature \_\_\_\_\_ Date \_\_\_\_\_  
*Lieutenant John Rhyne*

Description of proposed system:

The P25 regional system has been established in the northern part of the Region and this will provide coverage in the Southern Area of the Region. With the added sites added to establish a coverage area to help with migration of users to the highest level of P25 interoperable standards. We are requesting to reuse six (6) frequencies for the creation of the Brazoria Simulcast.

These 6 radio frequencies pulled from the existing Angleton site and will be used as below:

Angleton  
6 for the Angleton site  
771.24375  
771.01875  
770.79375  
770.26875  
769.51875  
769.09375

Brazoria

6 for the Brazoria site

771.24375

771.01875

770.79375

770.26875

769.51875

769.09375

Clute

6 for the Clute site

771.24375

771.01875

770.79375

770.26875

769.51875

769.09375

Justification:

Brazoria County P25 system will be part of the Regional Radio System. The P25 regional system has been established in Harris County, Walker County and Matagorda County. Montgomery County has also recently joined the Regional P25 system; these 6 frequencies we are requesting will be used at existing sites and for system expansion by adding additional sites to increase capacity for users to the system.

Funding Statement:

Equipment has been purchased and installed awaiting frequencies.

Give-Back Frequencies: None

Number of Sites Proposed: Three (3)

Number of Channels Requested: six reuse

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 request for a new system or expansion of an existing system?

The request is for the expansion of an existing system.

If for expansion of existing system, how many RF channels are there in the existing system? Twenty-three (23)

Please give the proposed latitude and longitude where the frequency transmitters will be located.

	Angleton	Brazoria	Clute		
<b>Latitude</b>	<b>29-14-38.0N</b>	<b>29-03.560N</b>	<b>29-00-46.1N</b>		
<b>Longitude</b>	<b>095-24-32.0W</b>	<b>0095-35-52.0 W</b>	<b>095-23-01.0 W</b>		

Keeping in mind the jurisdictional boundary restrictions, please give the approximate radius, in miles that you expect to cover, from the proposed transmitter site.

<b>Angleton</b>	<b>Brazoria</b>	<b>Clute</b>		
<b>20</b>	<b>20</b>	<b>20</b>		

Please give the ground elevation at the site where the transmitting antenna will be located.

<b>Site</b>	<b>Angleton</b>	<b>Brazoria</b>	<b>Clute</b>		
<b>Elevation</b>	<b>8.8</b>	<b>7</b>	<b>2</b>		

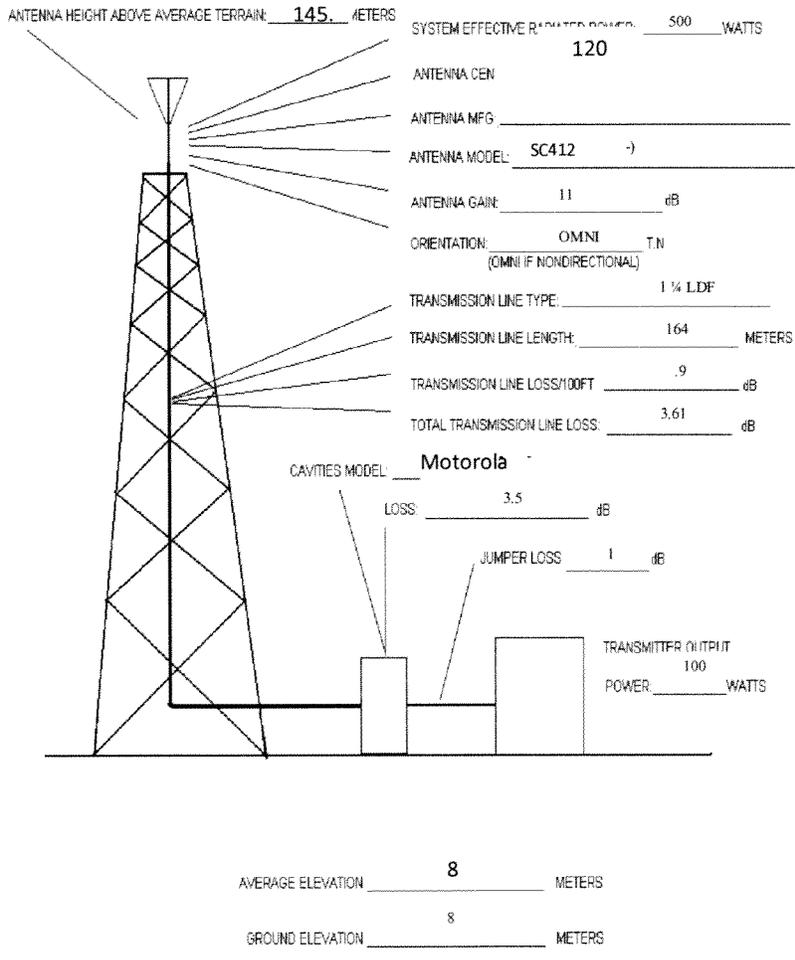
Please give the average ground elevation for the radius that you expect to cover.

<b>Angleton</b>	<b>Brazoria</b>	<b>Clute</b>		
<b>8.8</b>	<b>7</b>	<b>2</b>		

Please give the height the transmitting antenna will be mounted above average elevation.

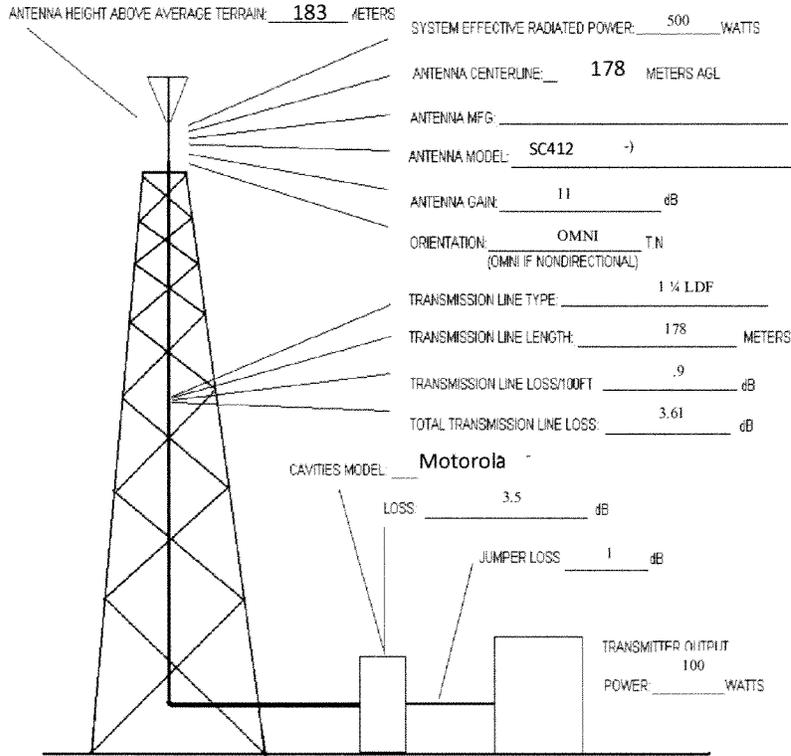
<b>Angleton</b>	<b>Brazoria</b>	<b>Clute</b>		
<b>137.1</b>	<b>176</b>	<b>106.6</b>		

Angleton



SYSTEM ENGINEERING EXHIBIT

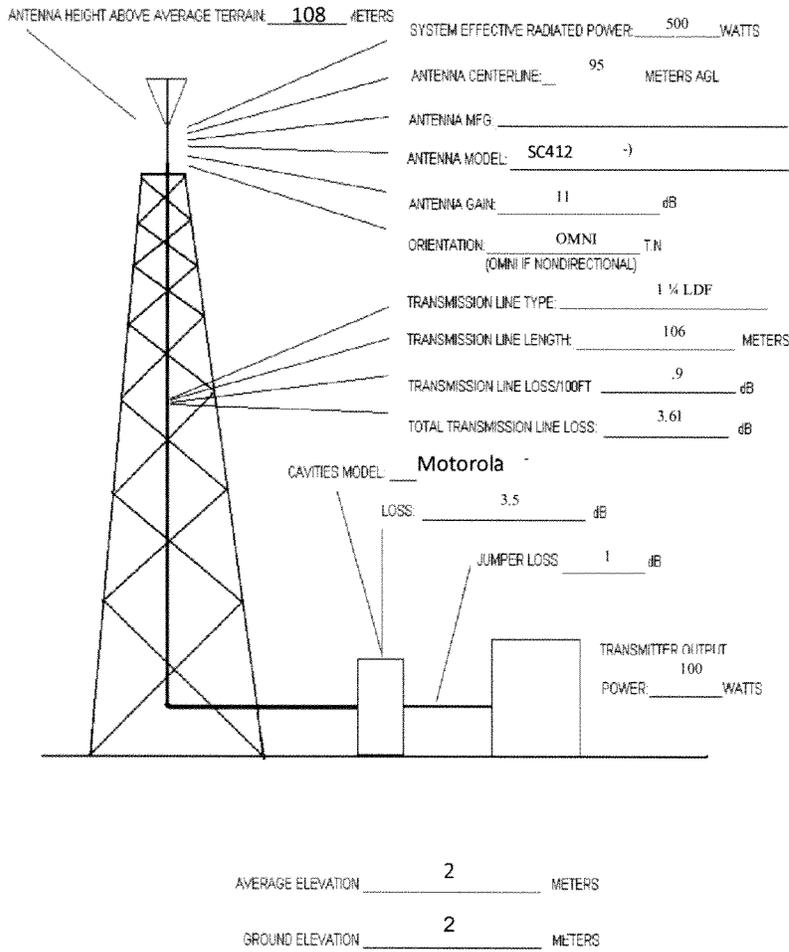
Brazoria



AVERAGE ELEVATION 7 METERS

GROUND ELEVATION 7 METERS

Clute



SYSTEM ENGINEERING EXHIBIT

1

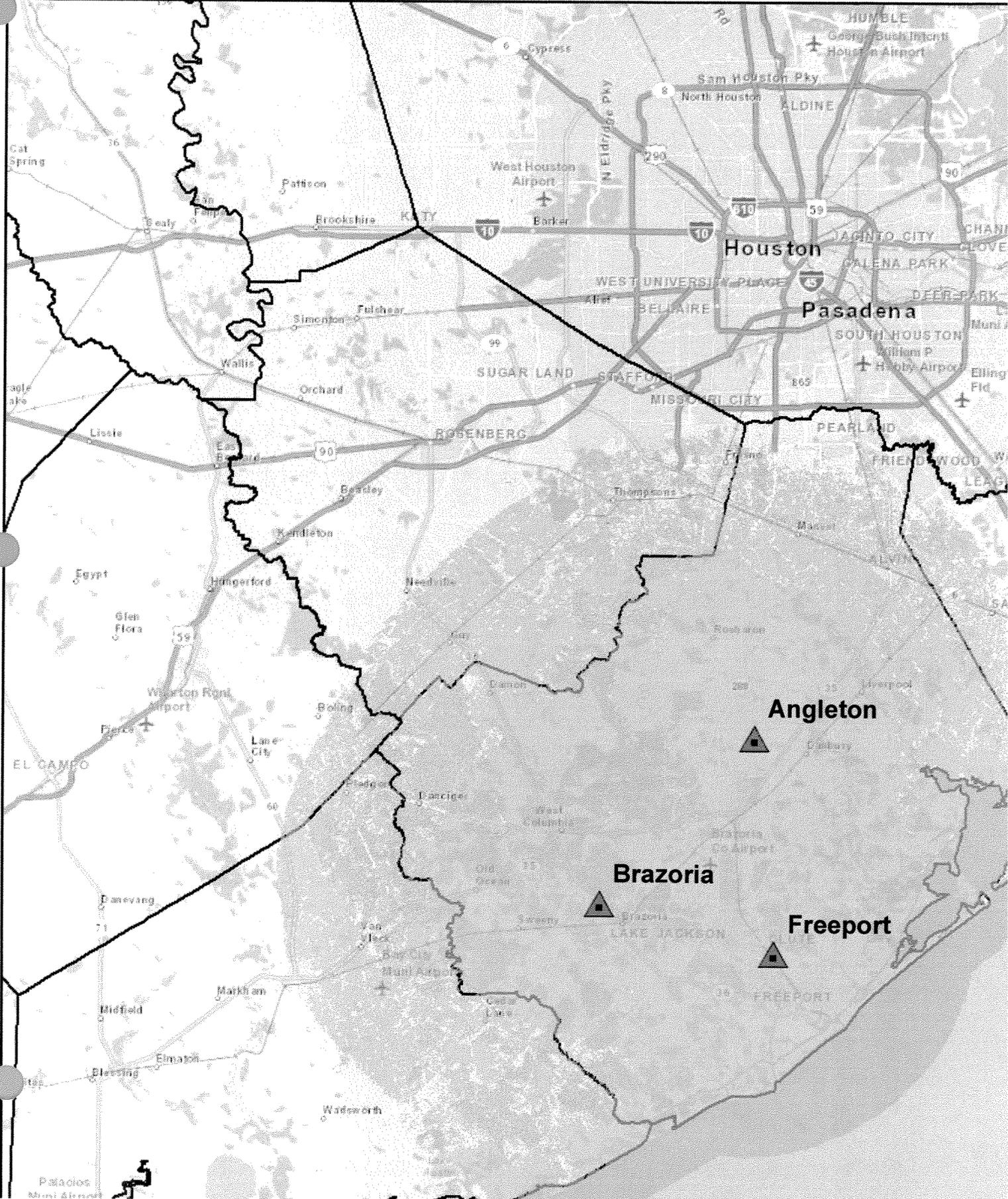
Commented [BP(1):  
Commented [BP(2):

# Brazoria County, TX

## 3 Site Astro25 FDMA Simulcast System



**MOTOROLA**



Site	ERP (dBm, W)	Transmit Power (W)	TX Antenna Type	RX Antenna Type	TX Height (ft)	RX Height (ft)
Brazoria	53.6, 230.2	100	SE419-SF3PALDF	SC412-HF2LDF	550	550
Angleton	54, 252.4	100	SE419-SF3PALDF	SC412-HF2LDF	423	423
Freeport	53.8, 241	100	SC412-HF2LDF	SC412-HF2LDF	334	334

FCC 601  
Main Form

FCC Application for Wireless Telecommunications Bureau  
Radio Service Authorization

Approved by OMB  
3060-0798  
See instructions for  
Public burden  
estimate

1) Radio Service Code: SY	1a) Existing Radio Service Code:
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**Application Purpose: NE New**  
**Application Purpose:**

2) ( New )	
NE - New	RO - Renewal Only
MD - Modification	RM - Renewal/Modification
AM - Amendment	CA - Cancellation of License
AU - Administrative Update	WD - Withdrawal of Application
NT - Required Notifications	EX - Request for Extension of Time
DU - Duplicate License	RL - Registered Location/Link
3a) If this application is for a Developmental License, Demonstration License, or a Special 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>Yes</u> <u>No</u>
4) If this application is an Amendment 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>Yes</u> <u>No</u>

**Fees, Waivers, and Exemptions**

9) Is the applicant exempt from FCC application fees?	( Y ) <u>Yes</u> <u>No</u>
10) Is the applicant exempt from FCC regulatory fees?	( Y ) <u>Yes</u> <u>No</u>
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.	( N ) <u>Yes</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>Yes</u> <u>No</u>

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February 2008 Page 1

**Applicant Information**

13) FCC Registration Number (FRN): 0001672658		
14) Applicant/Licensee Legal Entity Type (Select One) <input type="checkbox"/> Individual <input type="checkbox"/> Unincorporated Association <input type="checkbox"/> Trust <input checked="" type="checkbox"/> Government Entity <input type="checkbox"/> Corporation <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 <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): Brazoria County So		
18) Attention To: John Rhyne		
19) P.O. Box:	And/Or	20) Street Address: 4000 County Road 45
21) City: Angleton	22) State: TX	23) ZIP Code: 77515
24) Telephone Number: (281) 756-2295	25) FAX:	
26) E-Mail Address: john@brazoria-county.com		
<b>Race:</b> <input type="checkbox"/> American Indian or Alaska Native <input type="checkbox"/> Asian <input type="checkbox"/> Black or African-American <input type="checkbox"/> Native Hawaiian or Other Pacific Islander <input type="checkbox"/> White	<b>Ethnicity:</b> <input type="checkbox"/> Hispanic or Latino <input type="checkbox"/> Not Hispanic or Latino	<b>Gender:</b> <input type="checkbox"/> Male <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:
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**Contact Information (if different from applicant)**

30) First Name: Patrick	MI:	Last Name: Burleson	Suffix:
31) Company Name: Harris County Radio Services			
32) Attention To:			
33) P.O. Box:	And /Or	34) Street Address: 2318 Greens Road	
35) City: Houston	36) State: TX	37) ZIP Code: 77067	
38) Telephone Number: (713) 274-8810	39) FAX:		
40) E-Mail Address: patrick.burleson@itc.hctx.net			

FCC 601 - Main Form  
February 2008 Page 2**Regulatory Status**

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

**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'.

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

**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'.

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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.\*

\*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: John	MI:	Last Name: Rhyne	Suffix:
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57) Title: Lieutenant

Signature:

58) Date:

**FAILURE TO SIGN THIS APPLICATION MAY RESULT IN DISMISSAL OF THE APPLICATION AND FORFEITURE OF ANY FEES PAID.**

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.

**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).**

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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>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 1	
3) Location Description: <u>Fixed</u>		4) Area of Operation Code: <u>N/A</u>	
5) Location Name: <u>Angleton</u>			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required) <u>1057358</u>			
7) Latitude (DD-MM-SS.S): <u>29-14-38.0</u>		8) Longitude (DDD-MM-SS.S): <u>95-24-32.0</u>	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: <u>4000 COUNTY ROAD 45</u>			
10) City: <u>ANGLETON</u>		11) State: <u>TX</u>	
12) County/Borough/Parish: <u>Brazoria</u>			
13) Elevation of Site AMSL (meters) ( 'a' in antenna structure example): <u>8.8</u>		14) Overall Ht AGL Without Appurtenances (meters) ( 'b' in antenna structure example): <u>137.1</u>	
15) Overall Ht AGL With Appurtenances (meters) ( 'c' in antenna structure example): <u>139.9</u>			
16) Support Structure Type: <u>GTOWER - Guyed structure used for communication purposes</u>			
17) Location Number: (Only for Area of Operation Code 'A')		18) Radius (km):	
19) Airport Identifier:		20) Site Status:	
21) Latitude (DD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b>		22) Longitude (DDD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b>	
NAD83 ( ) <u>N</u> or <u>S</u>		NAD83 ( ) <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? 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>			

FCC 601 - Schedule D  
February 2008 - Page 1

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: 2	
3) Location Description: Fixed		4) Area of Operation Code: N/A	5) Location Name: Brazoria
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required) 1048160			
7) Latitude (DD-MM-SS.S): 29-3-56.0		NAD83 (N) <u>N</u> or <u>S</u>	8) Longitude (DDD-MM-SS.S): 95-35-52.0
			NAD83 (W) <u>E</u> or <u>W</u>
9) Street Address, Name of Landing Area, or Other Location Description: BRAZORIA CTY RD 348 SRV CENTER			
10) City: BRAZORIA	11) State: TX		12) County/Borough/Parish: Brazoria
13) Elevation of Site AMSL (meters) ( 'a' in antenna structure example): 7.0	14) Overall Ht AGL Without Appurtenances (meters) ( 'b' in antenna structure example): 176.0	15) Overall Ht AGL With Appurtenances (meters) ( 'c' in antenna structure example): 183.0	
16) Support Structure Type: GTOWER - Guyed structure used for communication purposes			
17) Location Number: (Only for Area of Operation Code 'A')	18) Radius (km):	19) Airport Identifier:	20) Site Status:
21) Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner)		NAD83 ( ) <u>N</u> or <u>S</u>	22) Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner)
			NAD83 ( ) <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? 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>

FCC 601 - Schedule D  
February 2008 - Page 2

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: 3	
3) Location Description: Fixed		4) Area of Operation Code: N/A	
5) Location Name: Clute			
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required) 1283492			
7) Latitude (DD-MM-SS.S): 29-0-46.1		8) Longitude (DDD-MM-SS.S): 95-23-1.0	
NAD83 (N) <u>N</u> or <u>S</u>		NAD83 (W) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description: 1431 Highland Park			
10) City: Clute		11) State: TX	
12) County/Borough/Parish: Brazoria			
13) Elevation of Site AMSL (meters) ( 'a' in antenna structure example): 2.0		14) Overall Ht AGL Without Appurtenances (meters) ( 'b' in antenna structure example): 106.6	
15) Overall Ht AGL With Appurtenances (meters) ( 'c' in antenna structure example): 106.6			
16) Support Structure Type: GTOWER - Guyed structure used for communication purposes			
17) Location Number: (Only for Area of Operation Code 'A')		18) Radius (km):	
19) Airport Identifier:		20) Site Status:	
21) Latitude (DD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b>		22) Longitude (DDD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b>	
NAD83 ( ) <u>N</u> or <u>S</u>		NAD83 ( ) <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? 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>			

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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>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 4	
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3) Location Description: 6.1 Meter Control Station		4) Area of Operation Code: Land Mobile Control Station Meeting the 6.1 Meter		5) Location Name: Control Station	
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)					
7) Latitude (DD-MM-SS.S):			NAD83 ( ) <u>N</u> or <u>S</u>		8) Longitude (DDD-MM-SS.S):
					NAD83 ( ) <u>E</u> or <u>W</u>
9) Street Address, Name of Landing Area, or Other Location Description:					
10) City:		11) State:TX		12) County/Borough/Parish:Brazoria	
13) Elevation of Site AMSL (meters) ( 'a' in antenna structure example):		14) Overall Ht AGL Without Appurtenances (meters) ( 'b' in antenna structure example):		15) Overall Ht AGL With Appurtenances (meters) ( 'c' in antenna structure example):	
16) Support Structure Type: None - No support structure					
17) Location Number: (Only for Area of Operation Code 'A')		18) Radius (km):		19) Airport Identifier:	
				20) Site Status:	
21) Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner)			NAD83 ( ) <u>N</u> or <u>S</u>		22) Longitude (DDD-MM-SS.S): Use for rectangle only (Northwest corner)
					NAD83 ( ) <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? 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>

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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>Add</u> <u>Mod</u> <u>Del</u>		2) Location Number: 5	
3) Location Description: Mobile		4) Area of Operation Code: Statewide Area of Operation	
		5) Location Name: Mobile	

6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required)			
7) Latitude (DD-MM-SS.S): <b>NAD83</b> ( ) <u>N</u> or <u>S</u>		8) Longitude (DDD-MM-SS.S): <b>NAD83</b> ( ) <u>E</u> or <u>W</u>	
9) Street Address, Name of Landing Area, or Other Location Description:			
10) City:	11) State: TX	12) County/Borough/Parish: Brazoria	
13) Elevation of Site AMSL (meters) ( 'a' in antenna structure example):	14) Overall Ht AGL Without Appurtenances (meters) ( 'b' in antenna structure example):	15) Overall Ht AGL With Appurtenances (meters) ( 'c' in antenna structure example):	
16) Support Structure Type: <b>None - No support structure</b>			
17) Location Number: (Only for Area of Operation Code 'A')	18) Radius (km):	19) Airport Identifier:	20) Site Status:
21) Latitude (DD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b> <b>NAD83</b> ( ) <u>N</u> or <u>S</u>		22) Longitude (DDD-MM-SS.S): <b>Use for rectangle only (Northwest corner)</b> <b>NAD83</b> ( ) <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> <b>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? 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> <b>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?			(N) <u>Yes</u> <b>No</b>
28) Do you propose to operate in an area that requires frequency coordination with Mexico?			(N) <u>Yes</u> <b>No</b>

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**FCC 601  
Schedule H**

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

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

**Eligibility**

1) Rule Section: 90.523	2) Describe Activity: Government Entity Providing Emergency Communications for Public Safety
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**Frequency Coordination Information (if not self-coordinated)**

3) Frequency Coordination Number: CAP003167	4) Name of Frequency Coordinator: APCO	5) Telephone Number:	6) Coordination Date:
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7) Has this application been successfully coordinated? (N) Yes / No

**Extended Implementation (Slow Growth)**

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

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

9) WQKK515				

**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:
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13) If there is no associated parent station, this applicant is a: ( )  
 Broadcast Network Entity Television Cable operator Motion Picture Producer Television Producer  
 14) State of Primary Operation:

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

15) Action A/M/D	16) Control Point Number	17) Location Street Address, City or Town, County/Borough/Parish, State	18) Telephone Number
1. A	1	406 Caroline, Houston, Harris, TX	(713) 755-6777
2.			
3.			
4.			
5.			

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**Antenna Information**

19) Action (A/M/D)	20) Location Number	21) Antenna Number	22) AAT (meters)	23) Antenna Ht (meters)	24) Azimuth (degrees)	25) Beamwidth (degrees)	26) Polarization	27) Gain (dB)
1. A	1	1	139.9	137.1			V	11.0
2. A	2	1	190.0	176.0			V	11.0
3. A	3	1	108.6	106.6			V	11.0
4. A	4	1						
5. A	5	1						
6.								
7.								
8.								

9.									
10.									
11.									
12.									
13.									
14.									
15.									
16.									
17.									
18.									
19.									
20.									
21.									
22.									

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**Frequency Information**

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
1. A	1	1	769.093750	FB2	1		100.000	500.000	8K10F1D
2.									8K10F1E
3.									8K10F7W
4.									8K70D1W
5.									8K70D7W
6. A	1	1	769.518750	FB2	1		100.000	500.000	8K10F1D

7.									8K10F1E
8.									8K10F7W
9.									8K70D1W
10.									8K70D7W
11.	A	1	1	770.268750	FB2	1	100.000	500.000	8K10F1D
12.									8K10F1E
13.									8K10F7W
14.									8K70D1W
15.									8K70D7W
16.	A	1	1	770.793750	FB2	1	100.000	500.000	8K10F1D
17.									8K10F1E
18.									8K10F7W
19.									8K70D1W
20.									8K70D7W
21.	A	1	1	771.018750	FB2	1	100.000	500.000	8K10F1D
22.									8K10F1E

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### Frequency Information

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
23.									8K10F7W
24.									8K70D1W
25.									8K70D7W
26.	A	1	1	771.243750	FB2	1	100.000	500.000	8K10F1D
27.									8K10F1E
28.									8K10F7W
29.	A	2	1	769.093750	FB2	1	100.000	500.000	8K10F1D
30.									

									8K10F1E
31.									8K10F7W
32.									8K70D1W
33.									8K70D7W
34.	A	2	1	769.518750	FB2	1	100.000	500.000	8K10F1D
35.									8K10F1E
36.									8K10F7W
37.									8K70D1W
38.									8K70D7W
39.	A	2	1	770.793750	FB2	1	100.000	500.000	8K10F1D
40.									8K10F1E
41.									8K10F7W
42.									8K70D1W
43.									8K70D7W
44.	A	2	1	771.018750	FB2	1	100.000	500.000	8K10F1D

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### Frequency Information

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
45.									8K10F1E
46.									8K10F7W
47.									8K70D1W
48.									8K70D7W
49.	A	2	1	771.243750	FB2	1	100.000	500.000	8K10F1D
50.									8K10F1E
51.									8K10F7W
52.									8K70D1W
53.									

									8K70D7W
54.	A	2	1	771.243750	FB2	1	100.000	500.000	8K10F1D
55.									8K10F1E
56.									8K10F7W
57.									8K70D1W
58.									8K70D7W
59.	A	3	1	769.093750	FB2	1	100.000	500.000	8K10F1D
60.									8K10F1E
61.									8K10F7W
62.	A	3	1	769.518750	FB2	1	100.000	500.000	8K10F1D
63.									8K10F1E
64.									8K10F7W
65.	A	3	1	770.268750	FB2	1	100.000	500.000	8K10F1D
66.									8K10F1E

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### Frequency Information

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
67.									8K10F7W
68.	A	3	1	770.793750	FB2	1	100.000	500.000	8K10F1D
69.									8K10F1E
70.									8K10F7W
71.	A	3	1	771.018750	FB2	1	100.000	500.000	8K10F1D
72.									8K10F1E
73.									8K10F7W
74.	A	3	1	771.243750	FB2	1	100.000	500.000	8K10F1D
75.									8K10F1E
76.									8K10F7W

77.									8K70D1W	
78.									8K70D7W	
79.	A	4	1	799.093750	FX1	1000		15.000	15.000	8K10F1D
80.										8K10F1E
81.										8K10F7W
82.										8K70D1W
83.										8K70D7W
84.	A	4	1	799.518750	FX1	1000		15.000	15.000	8K10F1D
85.										8K10F1E
86.										8K10F7W
87.										8K70D1W
88.										8K70D7W

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### Frequency Information

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators	
89.	A	4	1	800.268750	FX1	1000		15.000	15.000	8K10F1D
90.										8K10F1E
91.										8K10F7W
92.										8K70D1W
93.										8K70D7W
94.	A	4	1	800.793750	FX1	1000		15.000	15.000	8K10F1D
95.										8K10F1E
96.										8K10F7W
97.										8K70D1W
98.										8K70D7W
99.	A	4	1	801.018750	FX1	1000		15.000	15.000	8K10F1D
100.										

									8K10F1E
101.									8K10F7W
102.									8K70D1W
103.									8K70D7W
104. A	4	1	801.243750	FX1	1000		15.000	15.000	8K10F1D
105.									8K10F1E
106.									8K10F7W
107.									8K70D1W
108.									8K70D7W
109. A	5	1	799.093750	MO	50000		15.000	15.000	8K10F1D
110.									8K10F1E

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**Frequency Information**

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
111.									8K10F7W
112.									8K70D1W
113.									8K70D7W
114. A	5	1	799.518750	MO	50000		15.000	15.000	8K10F1D
115.									8K10F1E
116.									8K10F7W
117.									8K70D1W
118.									8K70D7W
119. A	5	1	800.268750	MO	50000		15.000	15.000	8K10F1D
120.									8K10F1E
121.									8K10F7W
122.									8K70D1W
123.									

									8K70D7W
124.	A	5	1	800.793750	MO	50000	15.000	15.000	8K10F1D
125.									8K10F1E
126.									8K10F7W
127.									8K70D1W
128.									8K70D7W
129.	A	5	1	801.018750	MO	50000	15.000	15.000	8K10F1D
130.									8K10F1E
131.									8K10F7W
132.									8K70D1W

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**Frequency Information**

28) Action (A/M/D)	29) Location Number	30) Antenna Number	31) Frequency (MHz)  New	32) Station Class	33) No. of Units	34) No. of Paging Receivers	35) Output Power (watts)	36) ERP (watts)	37) Emission Designators
133.									8K70D7W
134.	A	5	1	801.243750	MO	50000	15.000	15.000	8K10F1D
135.									8K10F1E
136.									8K10F7W
137.									8K70D1W
138.									8K70D7W
139.									
140.									
141.									
142.									
143.									
144.									
145.									
146.									

147.									
148.									
149.									
150.									
151.									
152.									
153.									
154.									

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