

Filling out the FCC Form 601 in CAPRAD

Amanda Bredstrup - APCO AFC

Senior Processor

Bredstrupa@apcointl.org

386-944-2467

CAPRAD.ORG

- Login to CAPRAD
- Select whether you want 700 MHz or 800 MHz.
- Make sure you are on the applications tab and not the planning tab.
- If your region is not already selected select the correct region.
- On the left hand side under Select an Action select Create a New Application.
- Click Go



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CAPRAD ID: CAP003383

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:

Existing Radio Service Code:

SG--700 MHz Conventional ·

1a)

Application Purpose: NE New

2)	NE - New MD - Modification AM - Amendment	RO - Renewal Only RM - Renewal/Modification CA - Cancellation of License	AU - Administrative Update WD - Withdrawal of Application DU - Duplicate License	NT - Required No EX - Request for I RL - Registered L	tifications Extension of Time ocation/Link			
3a)	3a) If this application is for a <u>D</u> evelopmental License, De <u>m</u> onstration 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)							
3b)	If this application is for Special of situations considered to be a	No 🔻						
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 application 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 request for Registered Location/Link, enter the FCC call sign assigned to the geographic license.								
6)	If this application is for a New, optional).	MM/DD						
7)	Is this application "major" as de Parts 22 and 90 of the Commis and full text of para 1.929).	Yes 🔹						
8)	Are attachments (other than as	sociated schedules) being filed with this applica	tion?		Yes •			

Fees, Waivers, and Exemptions

9)	Is the applicant exempt from FCC application fees?	Yes
10)	Is the applicant exempt from FCC regulatory fees?	Yes





Main Page 1(601-1)

- After you click go it will automatically open to the main page 1 of the 601 form.
- 1 Is where you will select your radio service code. In 700 it is SG for conventional or SY for trunked. In 800 it is GE for conventional and YE for trunked.
- 2 Explains the purpose of the application. currently you can only create new applications in CAPRAD you cannot amend and existing license.
- 3a Is asking if you are requesting a Special Temporary Authorization.
- 3b If it is for an STA then you need to answer this question.
- 4 Will not apply at this time in CAPRAD this section is for amendments to applications that are pending at the FCC.
- 5 & 6 Will not apply at this time in CAPRAD these sections are for Modifications and Renewals



Main Page 1(601-1) continued

- 7 Is this application major as defined in para 1.929 of the FCC rules. You can leave this as yes.
- 8 Are attachments being filed. This should be answered yes, there will be at least 1 attachment going to the FCC.
- 9 & 10 Is the applicant exempt from applications fees and regulatory fees. Both of these should be answered yes. If you are not a government entity 10 may be no.
- 11a If you are requesting a waiver of the rules this will be answered yes otherwise leave it at no.
- 11b If you are requesting a waiver answer this with how many rule sections are being waived not the rule section number.
- 12 This will likely be left at no since you cannot grandfather a new application.





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Applicant Information

13) FCC Registration Number (FRN):								
14) Applicant/Licensee Legal Entity Type: Government	 Other (Description 	n of Legal Entity)						
15) If the license name is being updated, is the update a result from the sales (or transfer of control) of the license(s) to another party and for which proper Commission N/A approval has not been received or proper notification not provided?								
16) First Name (if individual):	MI:	Last Name:		Suffix:				
17) Legal Entity Name (if other than individual):	17) Legal Entity Name (if other than individual):							
18) Attention To:								
19) P.O. Box:	And /Or 20) Stre	et Address:						
21) City 22) State 23) ZIP Code								
24) Telephone Number:		25) FAX:						
26) E-Mail Address:								

27) Demographics (Optional)

Race: American Indian or Alaska Native Asian Black or African-American	Ethnicity: Hispanic or Latino Not Hispanic or Latino	Gender: Male Female
Native Hawaiian or Other Pacific Islander White		





27) Demographics (Optional)

American Indian or Alaska Native Hispanic or Latino Male Asian Not Hispanic or Latino Female Black or African-American Native Hawaiian or Other Pacific Islander Hispanic or Latino White White Hispanic or Latino Female	n Indian or Alaska Native His Nor African-American Hawaiian or Other Pacific Islander	Gender: Male Female	
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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:	P.	And /Or 34) Stro	eet Address:						
35) City:				36) State	37) ZIP Code			
38) Telephone Number:			39) FAX:						
40) E-Mail Address:									
	< 601 Page 1		Save	601 Page 3	3 >	FCC 601 - Main Form February 2008 Page 2			



Main Page 2 (601-2)

- 13 FCC Regulation number (FRN) you should already have this number set up it is a 10 digit number that the FCC assigns to you when you register your tax id number with them. If you do not have one you can register for one at <u>https://apps.fcc.gov/coresWeb/publicHome.do</u>
- 14 For most applicants this will be government but some VFD's may be a corporation
- 15 Since you can only apply for new licenses in CAPRAD currently this is automatically answered with NA
- 16 Does not apply to public safety licensees, this should be left blank
- 17 This is where you will put the entity name of the applicant. It should match what is on the FRN.
- 18 This is where you can put a contact name, we recommend using a title instead of a name incase there is a change in personnel.





Main Page 2 (601-2) continued

- 19 -23 This is for the entities address. you will need to either provide a PO Box or street address, you can provide both if needed.
- 24 A phone number for the contact person at the entity applying for the license should be provided. If using a preparer their information does not belong here.
- 25 Fax number is optional
- 26 An email address for the contact at the entity applying for the license should be provided.
- 27-29 Does not apply to public safety entities.
- 30-40 Are for the contact information this is typically used for preparers. If the information is the same as 19-26 there is no need to fill it out.





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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 Servcies Band Manager	

Type of Radio Service

42)	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)	43) Does the Applicant propose to provide service interconnected to the public telephone network? No					No	•

Alien Ownership Questions

44)	Is the Applicant a foreign government or the representative of any foreign government?	No	-
45)	Is the Applicant an alien or the representative of an alien?	No	•
46)	Is the Applicant a corporation organized under the laws of any foreign government?	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?	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?	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(s) and geographic coverage area(s) involved in this filing?		
	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/A	L.
	If the answer to 48b is 'N', attach to this filing a date-stamped copy of a request for a foreigh ownership ruling pursuant to Section 310(b)(4) of the Communications Act. It is not necessary to file a request for a foreigh 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, medification or construction permit depiced by the Commission?

No 🝷





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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.* *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 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 if either (1) has 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: TOM	MI:	Last Name: DUNFORD		Suffix:			
57) Title: ADMINISTRATOR							
Signature:			1	58) Date:			





Main Pages 3 & 4(601-3 & 601-4)

- Most of this page is automatically filled out and should stay the way it is.
- 41 Should be Private, Internal Communications
- 42 Should always be Mobile. Even if there are fixed sites on the application it is still considered Land Mobile Radios so we only select Mobile.
- 43 If you are using an interconnected system then this would be changed to yes.
- 44-55 If any of these answers are changed to yes documentation must be provided. The documentation will depend on the question.
- 56 The name in this section should be the person that approved the request for licensing.
- 57 Is for the title of that same person that approved the request.





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<		Add New Page	Save	e		Delete Current Page	
FCC 601 Schedule D	Wirel S As	ess Telecommunicat station Locations and ssociate Application wi	ions Bureau Sche I Antenna Structur th this county: No	dule for res T		for p	Approved by OMB 3060-0798 See 601 Maint Form ublic burden estimate
1) Action Requested: Add 🝷			2) Location Numb	er: 1			
3) Location Description: Fixed	✓ 4) Area N/A	of Operation Code:		•	5) Location Nat	me:	
6) FCC Antenna Structure Registration # or N/A 1023843 (if an ASR number is enter	A (FAA Notification no red here then fields 7	ot Required) -11 and 13-16 below o	don't need to be fille	ed in)			
7) Latitude (DD-MM-SS.S): 32 4 34.0		NAD83 (N) <u>N</u> or <u>S</u>	8) Longitude (DDD 103 10	D-MM-SS. 48.0	S):		NAD83 (W) <u>E</u> or <u>W</u>
9) Street Address, Name of Landing Area, or O 2 MI S	Other Location Descri	ption:]				
10) City: JAL	1) State: NM	12) County/Borough/F Lea	Parish:				
13) Elevation of Site AMSL (meters) ('a' in antenna structure example): 909.	.7 [14] Ove Appr ('b' i	erall Ht AGL Without urtenances (meters) n antenna structure ex	ample): 91.4		15) Overall Ht / Appurtenan ('c' in anten	AGL With ces (meters) na structure example):	91.4
16) Support Structure Type: GTOWER - Guyed structure used for communication purposes GTOWER							
[00 P // 1		100 AL 111 12				



1) Action Requested: Add -			2) Location Number: 2			
3) Location Description: Mobile	✓ 4) Area KMRA	of Operation Code: around a Fixed locatio	n 🔹	5) Location Name:		
6) FCC Antenna Structure Registration # or N/A (FAA Notification not Required) (if an ASR number is entered here then fields 7-11 and 13-16 below don't need to be filled in)						
7) Latitude (DD-MM-SS.S):		NAD83 (N) <u>N</u> or <u>S</u>	8) Longitude (DDD-MM-SS.	S):		NAD83 (W) <u>E</u> or <u>W</u>
9) Street Address, Name of Landing Area, or Other Location Description:						
10) City: 11) State: 12) County/Borough/Parish:						
13) Elevation of Site AMSL (meters) ('a' in antenna structure example):	14) Ove App ('b' i	erall Ht AGL Without urtenances (meters) in antenna structure exa	ample):	15) Overall Ht AGL Appurtenances (r ('c' in antenna str	With meters) ructure example):	
16) Support Structure Type: None - No supp	port structure		-			
17) Location Number: (Only for Area of Operation Code 'A') 1	18) Radius (km): 113		19) Airport Identifier:	20)	Site Status: N/A ▼	
21) Latitude (DD-MM-SS.S): Use for rectangle only (Northwest corner))	NAD83 (N) <u>N</u> or <u>S</u>	22) Longitude (DDD-MM-SS Use for rectangle only (No	.S): rthwest corner)		NAD83 (W) <u>E</u> or <u>W</u>





Schedule D (D)

- You will need to fill out a schedule D for every fixed site you are requesting. You will also need 1 for mobiles and FX1's that meet the 6.1 meter rule. You can only have 6 fixed sites per license.
- 1 This will be add in CAPRAD since you cannot make modifications at this time.
- 2 Location number this will automatically number them. The FCC does not like to have mobiles or 6.1 meter rule stations listed at location 1 unless there are no fixed sites. Please list your fixed sites first.
- 3 This is where you will select the location type. Fixed, mobile, tempoary or 6.1.
- 4 If you chose something other than fixed this is where you will chose your area of operation.
- 5 Location name can be added here but it is not required.
- If the site is for a mobile or FX1 you only need to fill out the information that correlates to the AOP. IE countywide you only need State and County.



Schedule D (D) continued

- 6 If your site requires an antenna registration number this is where you would enter it. If you are using an ASR all the sites technical information must match what is listed on the ASR
- 7 Provide the latitude in degrees-minutes-seconds format.
- 8 Provide the longitude in degrees-minutes-seconds format.
- 9 A street address is preferred but if there is not one you can list a description of the location.
- 10-12 City State and County
- 13 Elevation of site ASML.
- 14 Overall structure height without Appurtenances.
- 15 Overall Structure height with Appurtenances.
- 16 Support structure type IE Tank, Gtower, Pole......





Schedule D (D) continued

- 17 If you are using a mobile working around a fixed location your would enter the location number here.
- 18 This is for the kilometer radius around the fixed location or point that the mobiles will use.
- 19 & 20 Are not required fields.
- 21 & 22 Are only used if your AOP is rectangular.
- 23 This question should only be answered for mobiles and 6.1 meter sites.
- 24 If your mobile AOP is other this is where you would put the discription.
- 25 not a required field
- 26 If your system will have an environmental effect answer yes and provide documentation.
- 27 If you are located within the quiet zone you will need approval
- 28 If you are going to work near Mexico answer yes.



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FCC 601	Technical Data Schedule for the	
Schedule H	Private Land Mobile and Land Mobile Broadcast Auxiliary	3
instructions	Radio Services (Parts 90 & 74)	5
		f

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

No 🝷

Eligibility

1) Rule Section:	2) Describe Activity:	
90.523		

Frequency Coordination Information (if not self-coordinated)

3) Frequency Coordination Number:	4) Name of Frequency Coordinator:	5) Telephone Number:	6) Coordination Date:			
CAP003383	(No Coordinator Assigned)					
7) Has this application been successfully coordinated?						

Extended Implementation (Slow Growth)

8) Are you requesting a new or modified extended implementation plan?	
If "yes", attach an exhibit with a justification and a proposed station construction sche	dule.

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 Community:	Principal	
13) If there is no associated parent station, this applicant is a: () 14) State of Broadcase Network Entity Television Cable Operator Motion Picture Producer Television Producer					

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
•			
•			
•			
· · ·			
•			

Save

< Schedule D

Schedule H-2 >

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Schedule H (H-1)

- 1 Rule Section- for 700 MHz it will be 90.523. 800 MHz will be 90.617 for non border regions and 90.619 for border regions.
- 2 This should be a description of what the radios will be used for.
- 3 will automatically populate
- 4 When you choose your frequency coordinator this field will populate
- 5, 6 & 7 Your frequency coordinator will fill these sections out.
- 8 If you are filling for Extended Implementation (slow growth) this should be answered yes and an attachment with your time line and budget should be attached.
- 9 If you have any associated call signs working with this system you can enter them here.
- 10-13 Are not used in public safety.
- 15-18 This information is where your license (call sign) will be displayed.



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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.	•						•	
2.	•						•	
3.	•							
4.	•							
5.	•						•	
6.	•							
7.	•						•	
8.	•						•	
9.	•						•	
10.	•							
11.	•							
12.	•							
13								



Antenna information (H-2)

- An antenna is needed for every site even your mobile and 6.1 meter sites.
- For mobiles and 6.1 meter sites you will only need to fill out 19-21
- 19 Will be add
- 20 Location number this should be the same as the location number on the schedule D.
- 21 Antenna number, you can have more than 1 antenna per site.
- 22 AAT is the Height Above Average Terrain, your frequency coordinator can provide this information if you do not know it.
- 23 This is asking for the height of the antenna that you will be using. This number cannot exceed what is listed for the overall height with appurtenances on the schedule D
- 24 -27 Are optional. If you are using a directional antenna pattern this is where you will provide the basic information.





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CAP003383

Current Page

		Allotme	nts						
Frequency Information 28) Action (A/M/D)	Frequency Availability								Complete List of Emission Designators
	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 <u>Show Valid Designators</u>
1. •									
2. 🔹									
3. 🗸									
4									
5. 🗸									
ð. 🔹									
7. 🔹									
Β. ͺ									
9. 🗸									
0. 👻									
1									
12					-				



Frequencies and emissions (H-3)

- This is where you will enter the frequencies you are requesting. There are buttons for the frequencies that are allotted to your area and also one that shows what frequencies are still available.
- 28 Will be add
- 29 Is the location number which should match the location number on the schedule D and antenna page.
- 30 The antenna number will usually be 1 but if you are using more than 1 antenna at a site use the antenna number that goes with the frequency.
- 31 This is where you will list your frequency. If you don't know what frequency to use the RPC can assign them for you.
- 32 Station Class, this is going to be FB2, MO FX1
- 33 Number of units. For FB2 it will be 1 for mobiles or 6.1 meter rule you would put how many units will be used.



Frequencies and emissions (H-3) Continued

- 34 If you are using pagers this is where you will list them.
- 35 Output power in watts.
- 36 ERP effective radiated power in watts.
- 37 Emission Designators. You need to provide the emissions your system will use. There is a link you can click on to get a list of valid emission designators but if you do not know what emissions work with your system you should either look at the manual or contact your radio dealer to find out.



Validation and Selecting a Frequency Coordinator

- Once you have completed your 601 form you will need to validate your application. To do this click the Validate the 601 form link on the lower left hand side of the application.
- If you have filled everything out correctly it will tell you it has been validated. If there are errors on your application it will list them and you will need to correct them before the application can be moved forward. You will have to validate it again after the changes have been made.





Validation and Selecting a Frequency Coordinator

- When the application has been validated your next step is to choose your Frequency Coordinator. To do this click the link on the lower left hand side for Coordination.
- This will provide you with a list of the 4 Public Safety Coordinators. Choose which one you want the application to go to and click Assign.
- If you have attachments that need to be submitted you can add those by clicking the attachments link.
- Once all of these steps are completed you can now click the status link on the lower left hand side. Click the button for Submit to RPC then click update status.



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	5. 🗸			
Review entire 601 form	6. 🔹			
Validate the 601 form	7. 🔹			
View in PDE format	8. 🗸			
<u>view in PDP tornat</u>	9. 🗸			
Associated information:	10. 🗸			
Status	11			
Co-ownership	12.			
Comments	13.			
Attachments	14.			
	15. 🗸			
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	17. 🔹			
	18. •			
	19. 🗸			





Application Status

 Preview Channels List Applications Filter Create a New Application Copy an Application Co Selected Application Go to this 601 page: 601 Main Form • CO	Set Status Initiated Initiated Last Change on 601 Form Validated Coordinator Assigned: APCO Submit to RPC Complete RPC Review Attachment(s) needed Submit for Coordination Licensed	Date/Time (Mtn Time) 08/04/2015 08:58 am 08/04/2015 09:07 am 08/04/2015 09:07 am 08/04/2015 09:05 am	Groups to Notify On Status Change	
Review entire 601 form		Status History		
Validate the 601 form	Date Time	Status	By User	
View in PDF format	08/04/2015 09:07 am	Ready (601 validation complete)	Amanda Bredstrup	
	08/04/2015 08:58 am	Initiated	Amanda Bredstrup	
Associated information:		Activity History		
Status	Date Time	Activity	By User	
Coordination	08/04/2015 09:07 am	601 Form Validation Complete	Amanda Bredstrup	
Co-ownership	08/04/2015 09:05 am	Coordination assigned to APCO	Amanda Bredstrup	
Comments	08/04/2015 08:58 am	Application initiated	Amanda Bredstrup	



Select an Action

