


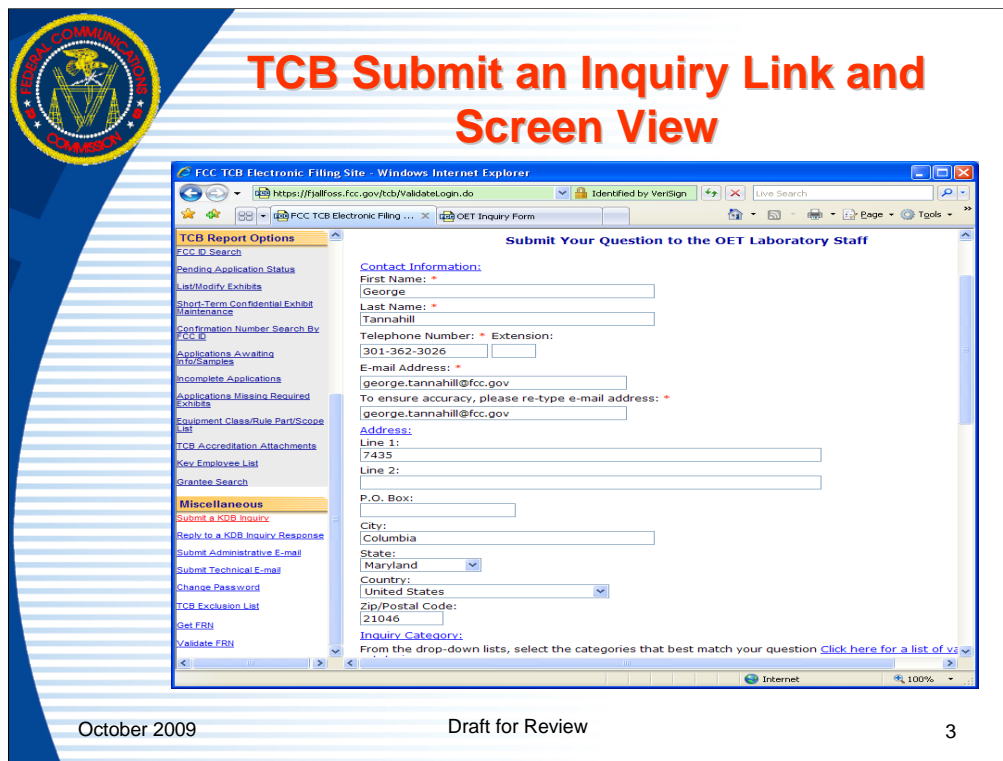
This presentation shows screen images of the TCB electronic filing system website and provide general information on the electronic filing system from the TCB user perspective. It includes information about publicly accessible pages and pages requiring logins and passwords as TCB Designating Authorities and Test Firm Accrediting Bodies



TCB Login Frame bar Miscellaneous Group


- Submit A KDB Inquiry
- Reply to a KDB Inquiry Response
- Submit Administrative E-mail
- Submit Technical E-mail
- Change Password
- TCB Exclusion List
- Get FRN
- Validate FRN

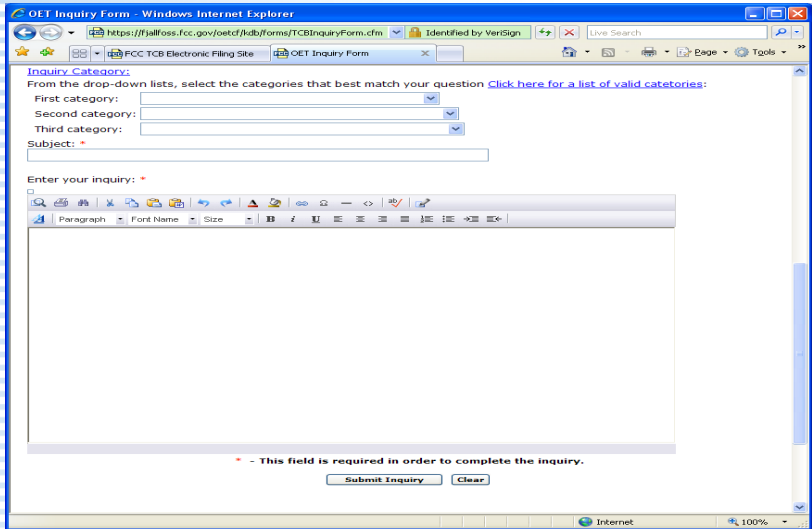
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Clicking on the link for "Submit a KDB Inquiry" will open an inquiry submission webpage that is pre-filled with the contact information of record for the logged in TCB. The contact information can be edited if necessary.

When a TCB inquiry is initiated thru the TCB login link it is flagged as a high priority for the FCC review.

 **TCB Submit an Inquiry Screen View (continued)**



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In addition to the contact information the inquirer is required to enter a subject and inquiry. It is also helpful if a category is entered. The FCC uses the category system to automatically assign the inquiry to the subject matter expert. An inquiry that is not associated with a category must go thru an administrative review and be manually assigned which can delay the response.

When the information is entered click the submit inquiry button to send the information to the FCC.

More details on the KDB system and additional options are available on the KDB Presentation.

TCB Reply to a KDB Inquiry Response

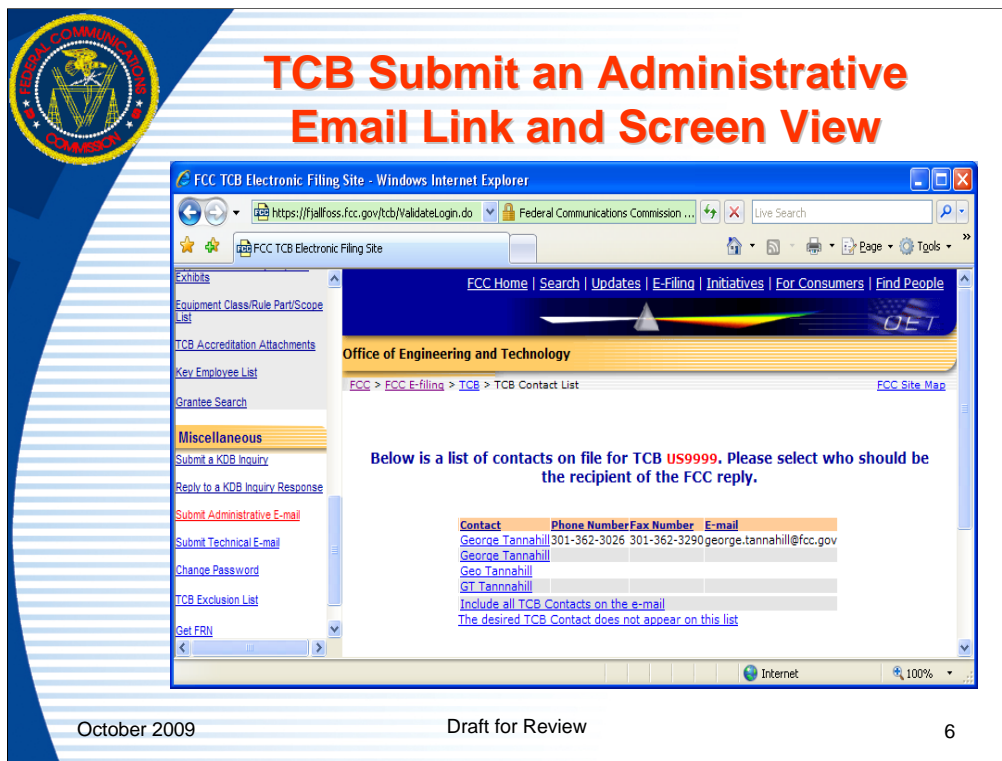
The screenshot displays the FCC TCB Electronic Filing Site in a Windows Internet Explorer browser window. The address bar shows the URL <https://fjallfoss.fcc.gov/tcb/ValidateLogin.do>. The page features the FCC logo on the left and a navigation menu at the top. The main content area is titled 'Office of Engineering and Technology' and contains a form for 'Reply to an OET Inquiry Response'. The form includes two input fields: 'Enter the inquiry tracking number: *' and 'Enter the e-mail address submitted with the inquiry: *'. A note below the fields states '* - This field is required in order to proceed.' and there are 'Proceed' and 'Clear' buttons at the bottom of the form. The left sidebar contains links for 'Exhibits', 'Equipment Class/Rule Part/Scope List', 'TCB Accreditation Attachments', 'Key Employee List', 'Grantee Search', 'Miscellaneous', 'Submit a KDB Inquiry', 'Reply to a KDB Inquiry Response', 'Submit Administrative E-mail', 'Submit Technical E-mail', 'Change Password', and 'TCB Exclusion List'.

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When the FCC responds to an inquiry and the inquirer has additional questions or wants additional clarification on the response, they can reply back to the same tracking number by clicking on the link for “reply to a KDB inquiry response”. On the page that opens, enter the inquiry tracking number and email address on the original inquiry and click the proceed button.



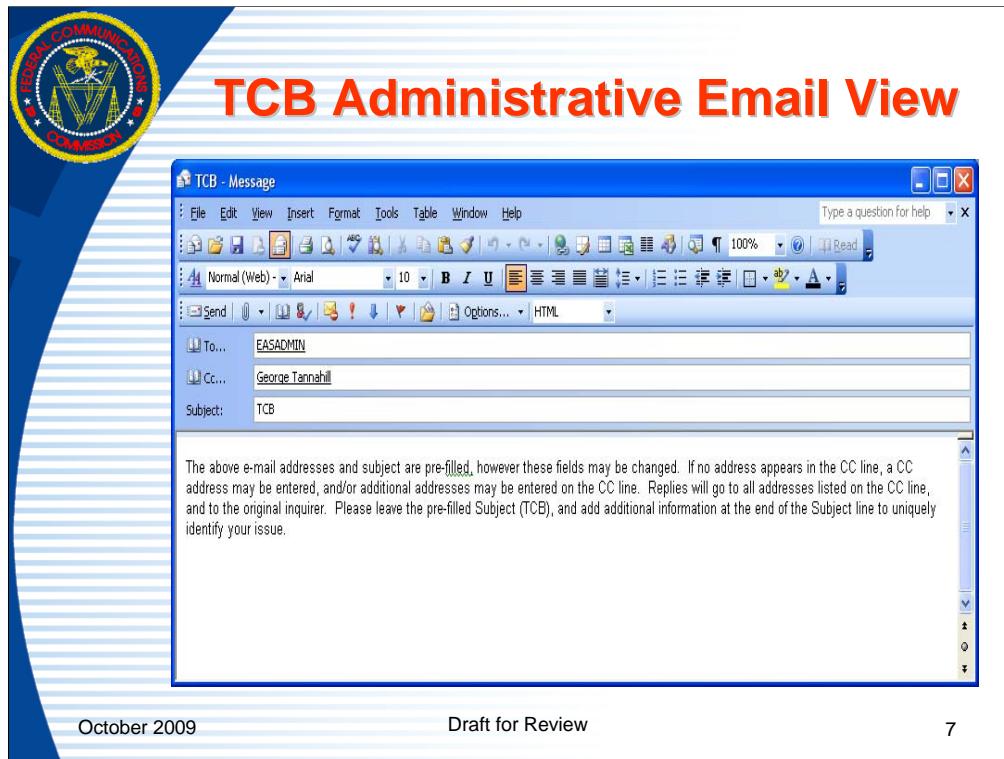
TCB Submit an Administrative Email Link and Screen View

The screenshot shows the FCC TCB Electronic Filing Site in a Windows Internet Explorer browser. The page title is "FCC TCB Electronic Filing Site". The left sidebar contains a navigation menu with links: Exhibits, Equipment Class/Rule Part/Scope List, TCB Accreditation Attachments, Key Employee List, Grantee Search, Miscellaneous, Submit a KDB Inquiry, Reply to a KDB Inquiry Response, **Submit Administrative E-mail**, Submit Technical E-mail, Change Password, TCB Exclusion List, and Get FRN. The main content area is titled "Office of Engineering and Technology" and displays a message: "Below is a list of contacts on file for TCB US9999. Please select who should be the recipient of the FCC reply." Below this message is a table of contacts:

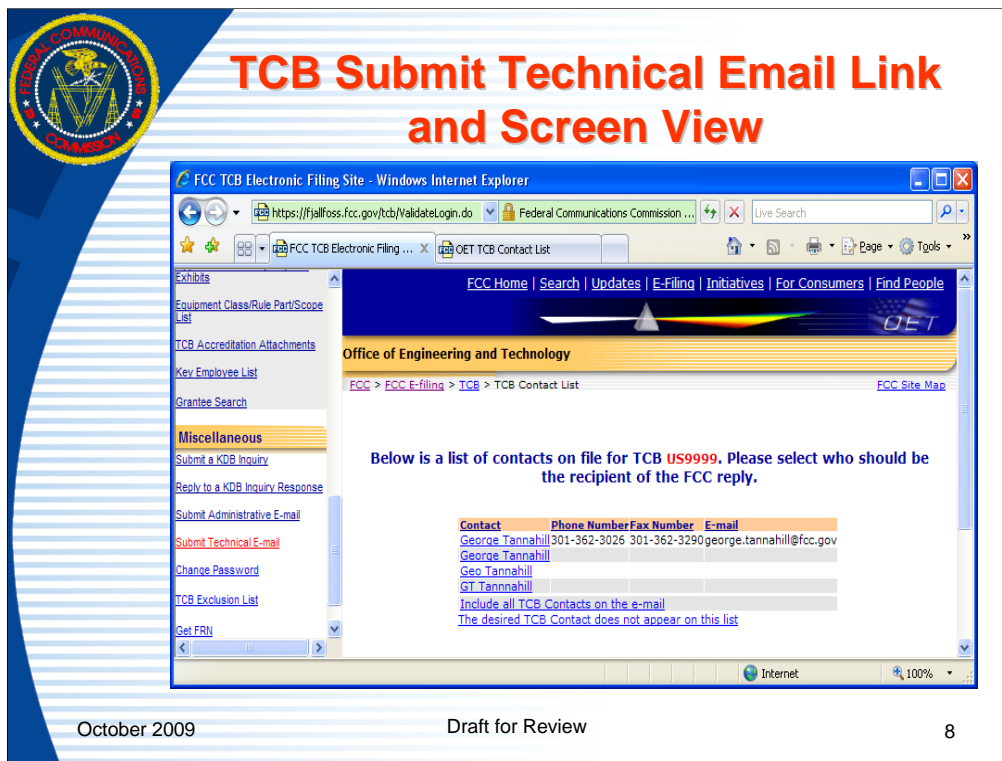
Contact	Phone Number	Fax Number	E-mail
George Tannahill	301-362-3026	301-362-3290	george.tannahill@fcc.gov
George Tannahill			
Geo Tannahill			
GT Tannahill			

Below the table are two links: "Include all TCB Contacts on the e-mail" and "The desired TCB Contact does not appear on this list".

Clicking on the link for "Submit Administrative Email" can be used to send an email to the EASADMIN@FCC.GOV. Clicking on the link will open and list of contacts for the TCB that are on file with the FCC and allow the user to select an individual or all contacts to be CC'ed on the response. The user may also choose to not use any of the contact for the response and enter a new contact.



When the contacts or option for a new contact is selected the webpage will open the users email program to create an email to the FCC. A pre-filled message will appear in the email advising the user of options.



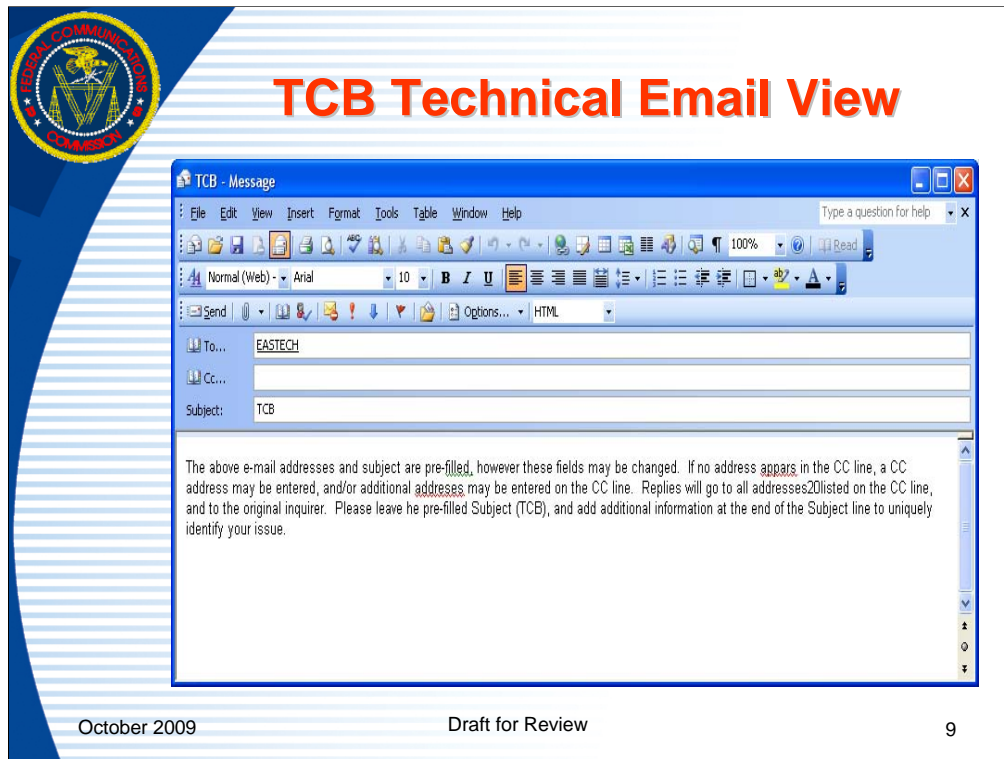
TCB Submit Technical Email Link and Screen View

The screenshot shows the FCC TCB Electronic Filing Site in a Windows Internet Explorer browser. The page title is "FCC TCB Electronic Filing Site - Windows Internet Explorer". The address bar shows the URL "https://fjallfoss.fcc.gov/tcb/ValidateLogin.do". The page features a navigation menu with links: FCC Home, Search, Updates, E-Filing, Initiatives, For Consumers, and Find People. The main content area is titled "Office of Engineering and Technology" and displays a message: "Below is a list of contacts on file for TCB US9999. Please select who should be the recipient of the FCC reply." Below this message is a table of contacts:

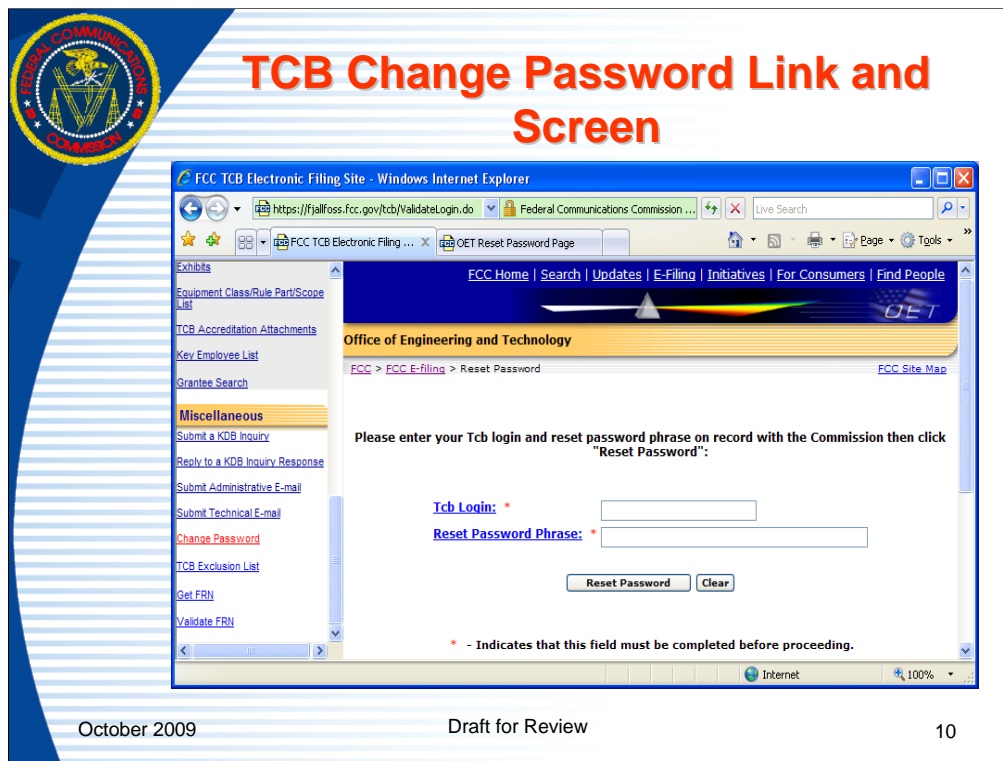
Contact	Phone Number	Fax Number	E-mail
George Tannahill	301-362-3026	301-362-3290	george.tannahill@fcc.gov
George Tannahill			
Geo Tannahill			
GT Tannahill			

Below the table, there are two links: "Include all TCB Contacts on the e-mail" and "The desired TCB Contact does not appear on this list". The page also includes a sidebar with various links such as "Exhibits", "Equipment Class/Rule Part/Scope List", "TCB Accreditation Attachments", "Key Employee List", "Grantee Search", "Miscellaneous", "Submit a KDB Inquiry", "Reply to a KDB Inquiry Response", "Submit Administrative E-mail", "Submit Technical E-mail", "Change Password", "TCB Exclusion List", and "Get FRN".

Clicking on the link for "Submit Technical Email" can be used to send an email to the EASTECH@FCC.GOV. Clicking on the link will open and list of contacts for the TCB that are on file with the FCC and allow the user to select an individual or all contacts to be CC'ed on the response. The user may also choose to not use any of the contact for the response and enter a new contact.




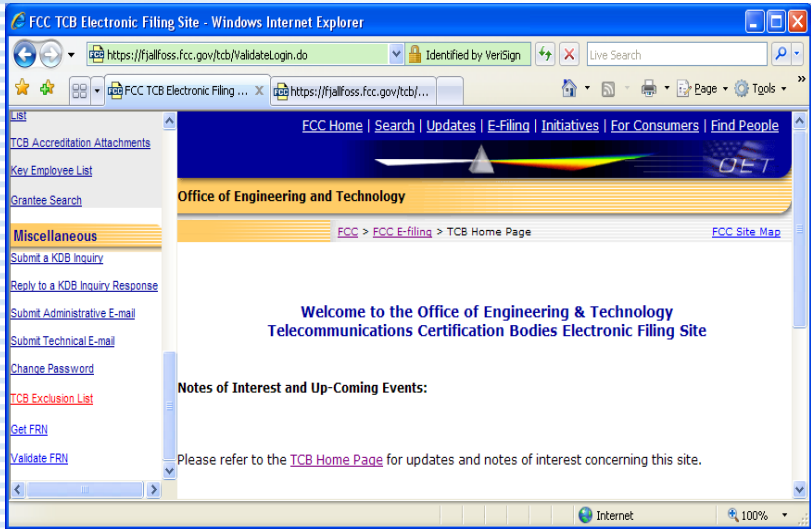
When the contacts or option for a new contact is selected the webpage will open the users email program to create an email to the FCC. A pre-filled message will appear in the email advising the user of options.



A TCB may change their password by clicking on the “Change Password” Link. After clicking on the link enter the TCB Login and Reset Password Phrase that the TCB provided to their designating authority at the time of original designation to the FCC and click the “reset password” button.

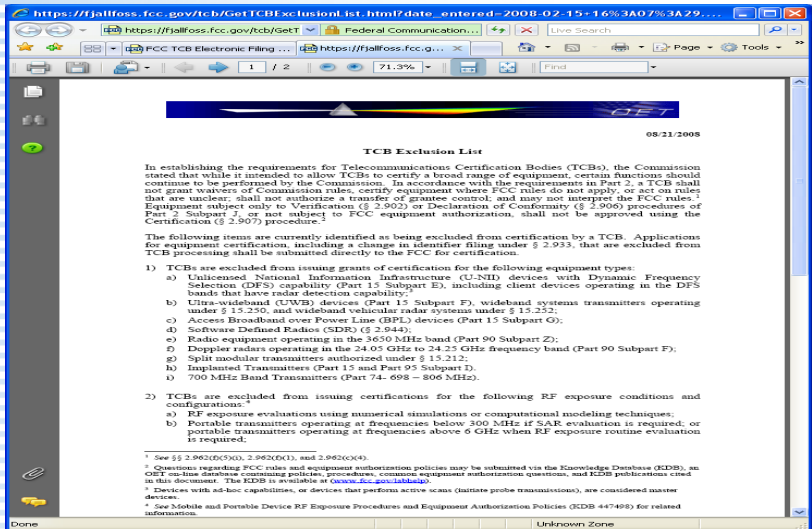
Upon entry of a valid combination of TCB Login and Reset Password Phrase the TCB will be prompted to enter the default password and new password and confirmation of new password. When the new password has been entered and the “change password” button clicked, the system will return a message indicating the success or failure of the attempted password change. If the change was successful the TCB will be prompted to login to continue. If the change was not successful a reason will be given and the process should be repeated. All password issues should be directed to the TCB’s designating authority.

 **TCB Exclusion List Link**



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Clicking on the link for “TCB Exclusion List” will open the most up to date version of the exclusion list.



The screenshot shows a web browser window displaying the "TCB Exclusion List" from the Federal Communications Commission (FCC). The browser's address bar shows the URL: https://fjallfoss.fcc.gov/tcb/GetTCBExclusionList.html?date_entered=2008-02-15+16%3A07%3A29.... The page title is "TCB Exclusion List". The content includes a paragraph explaining that while it is intended to allow TCBs to certify a broad range of equipment, certain functions should continue to be performed by the Commission in accordance with the requirements in Part 2.4. TCBs shall not grant waivers of Commission rules, certify equipment where FCC rules do not apply, or act on rules that are unclear; shall not authorize a transfer of grantee control; and may not interpret the FCC rules. Equipment subject only to Verification (§ 2.902) or Declaration of Conformity (§ 2.906) procedures of Part 2 Subpart F, or not subject to FCC equipment authorization, shall not be approved using the Certification (§ 2.907) procedure.¹

The following items are currently identified as being excluded from certification by a TCB. Applications for equipment certification, including a change in identifier filing under § 2.933, that are excluded from TCB processing shall be submitted directly to the FCC for certification.

- 1) TCBs are excluded from issuing grants of certification for the following equipment types:
 - a) Unlicensed National Information Infrastructure (UNII) devices with Dynamic Frequency Selection (DFS) capability (Part 15 Subpart E), including client devices operating in the DFS bands that have radar detection capability;
 - b) Ultra-wideband (UWB) devices (Part 15 Subpart F), wideband systems transmitters operating under § 15.230, and wideband vehicular radar systems under § 15.232;
 - c) Access Broadband over Power Line (BPL) devices (Part 15 Subpart G);
 - d) Software Defined Radios (SDR) (§ 2.944);
 - e) Radio equipment operating in the 3650 MHz band (Part 90 Subpart Z);
 - f) Doppler radars operating in the 24.05 GHz to 24.25 GHz frequency band (Part 90 Subpart F);
 - g) Split modular transmitters authorized under § 15.212;
 - h) Implanted Transmitters (Part 15 and Part 95 Subpart D);
 - i) 700 MHz Band Transmitters (Part 74-698 – 806 MHz).
- 2) TCBs are excluded from issuing certifications for the following RF exposure conditions and configurations:²
 - a) RF exposure evaluations using numerical simulations or computational modeling techniques;
 - b) Portable transmitters operating at frequencies below 300 MHz if SAR evaluation is required, or portable transmitters operating at frequencies above 6 GHz when RF exposure routine evaluation is required.

¹ See §§ 2.962(D)(7)(d), 2.962(D)(1), and 2.962(D)(4).

² Questions regarding FCC rules and equipment authorization policies may be submitted via the Knowledge Database (KDB), an OET on-line database containing policies, procedures, common equipment authorization questions, and KDB publications cited in this document. The KDB is available at oet.fcc.gov/kdb.

³ Devices with ad-hoc capabilities, or devices that perform active scans (mimic probe transmissions), are considered master devices.

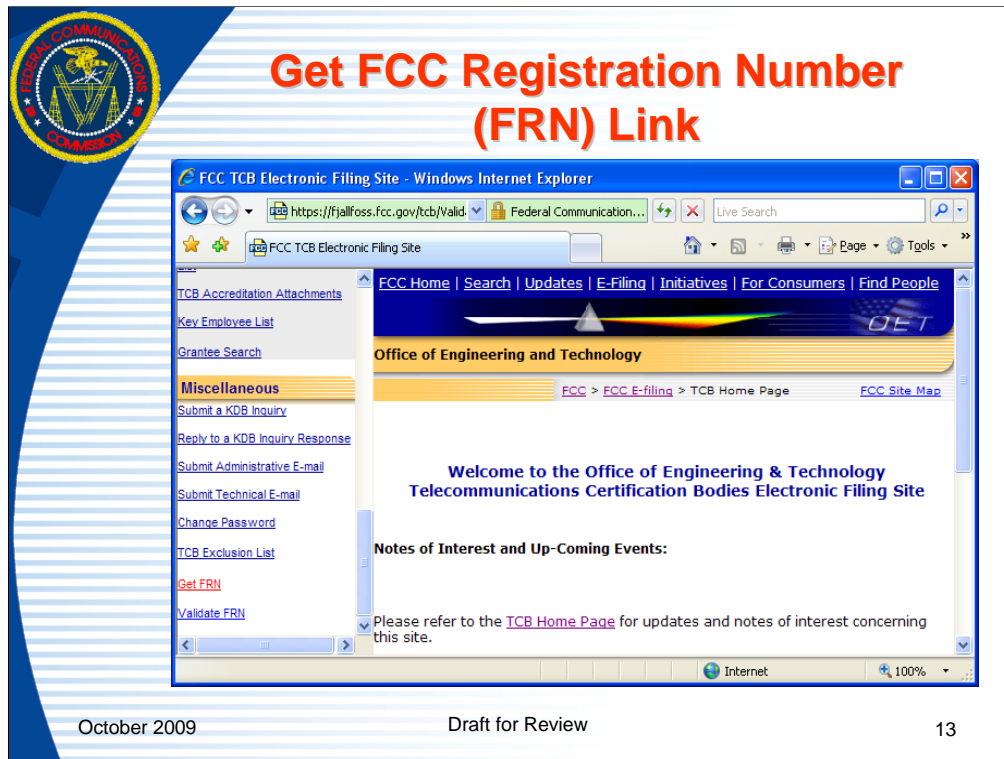
⁴ See Mobile and Portable Device RF Exposure Procedures and Equipment Authorization Policies (KDB 447498) for related information.

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Clicking on the TCB Exclusion List link opens the exclusion list which identifies devices that TCB's cannot approve.



Clicking on the link for “Get FRN” takes users to the Cores “FCC Registration Number” website. An FRN is required for all entities doing business with the FCC to allow the FCC to determine if an entity is in good financial standing with the FCC.

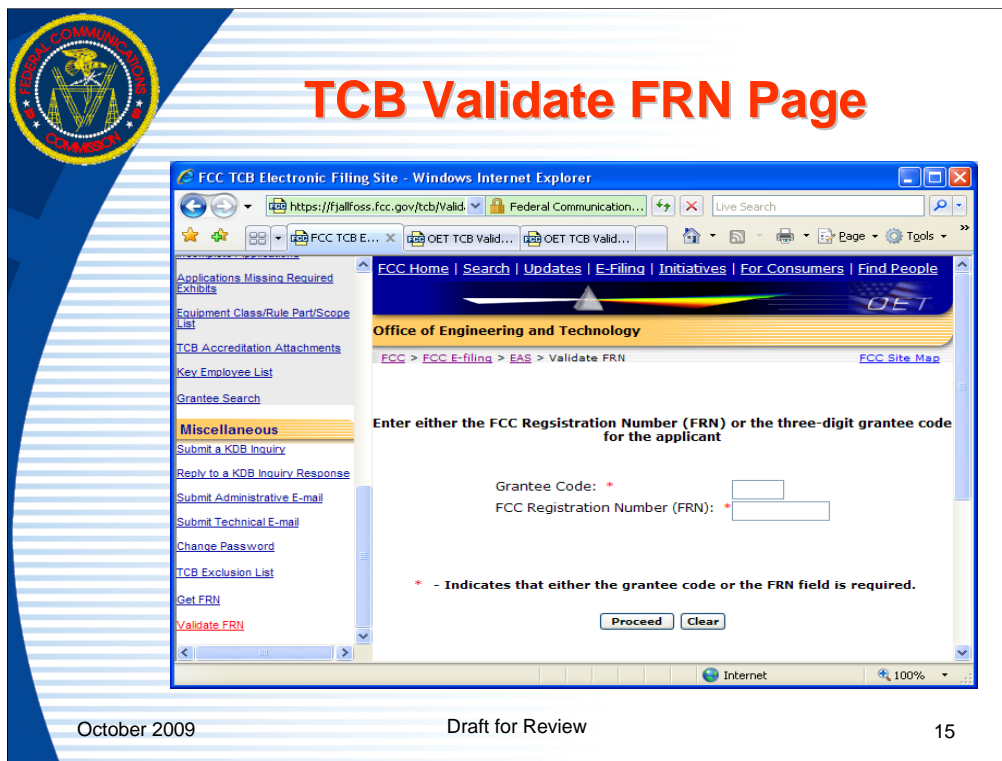


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The Cores FRN web page allows users to register for a new FRN, update the information associated with an existing FRN or search the FRN database.



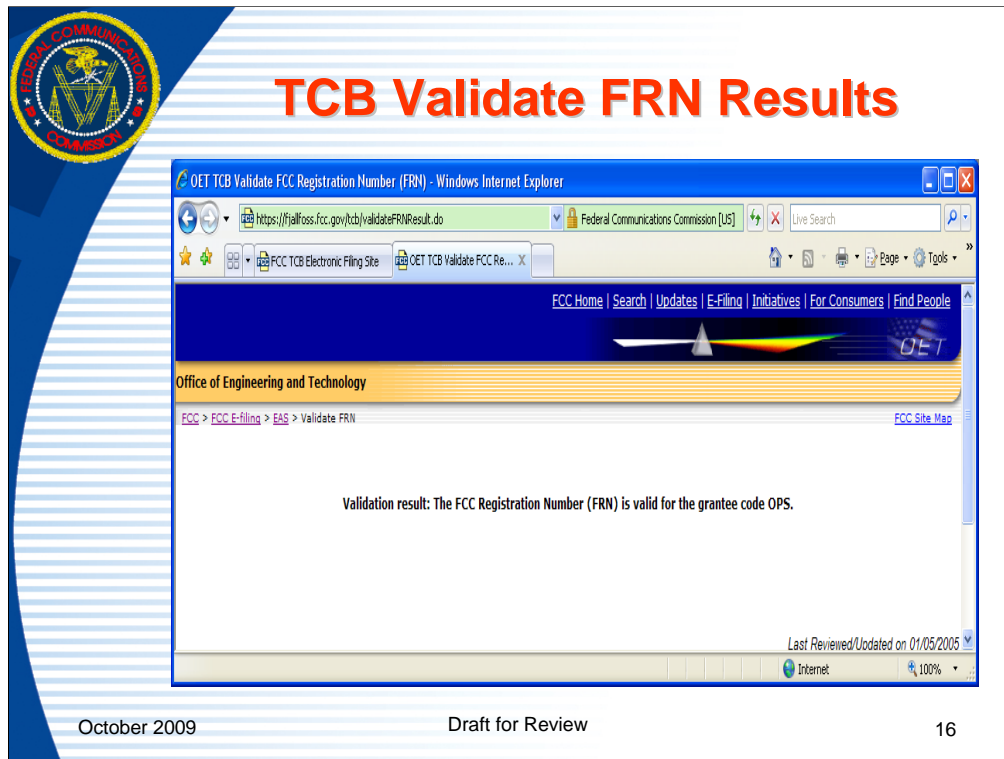
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A TCB can use the “Validate FRN” link to verify an applicant is in good standing with the FCC prior to completing a form 731 application. The standing of the FRN is also checked automatically when a Form 731 is submitted or another webpage where the FRN is required is modified.

To determine the standing of an FRN enter the Grantee Code or the FRN and click the proceed button.



Upon entering a valid FRN or Grantee Code and clicking on the proceed button the status of the FRN/Grantee Code is returned.



TCB Pre Login Links

The following slides show options that don't require a TCB Login

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The following slides explain the links available without a TCB Login. The TFAB Login link and TCB Designating Authority (TDA) login link require the FCC to recognize the entity attempting to login as a TFAB or TDA and enable a login.

TCB Pre Login Filing Options

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/index.html

Federal Communications Commission

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

OET Telecommunications Certification Bodies (TCB) System

Important Notes:

Posted on Jul 14 2009 4:01PM:

The new application processing fee schedules became effective April 28, 2009. The 2009 Office of Engineering and Technology (OET) Fee Filing Guide is available at <http://www.fcc.gov/fees/appfees.html>

***Effective Wednesday, August 20, 2009, as announced in Notice of Proposed Rulemaking and Order FCC 08-188 and the associated press release, the FCC imposes a freeze on granting any equipment authorization requests for low power auxiliary station devices that would operate in any of the 700 MHz Band frequencies. This freeze applies to Part 74 devices in the frequency range 698-806 MHz. Applications for these devices may be filed with the FCC but will not be acted upon until the conclusion of the proceeding. ***

A new TCB Exclusion List that identifies equipments that are excluded from being certified by a TCB has been published under KDB Publication #628591. Applications for equipment that are excluded from TCB processing should be submitted directly to the FCC for Certification.

The Permit but Ask procedure is intended to further extend the types of devices that are acceptable for issuance of a grant by a TCB, but allow FCC oversight for those types of devices for which standard test and review procedures have not yet been established by the FCC. TCBs may approve devices on a Permit but Ask list, but must obtain FCC guidance prior to approval. Full details of the procedure may be found in [KDB Publication Number 388624](#).


OET has created three generic mailboxes for submittal of inquiries to the Laboratory on Equipment Authorization issues: one is for administrative issues; one is for technical issues, and one is for deficient applications.

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The frame bar on the left side of the page shows the links available.



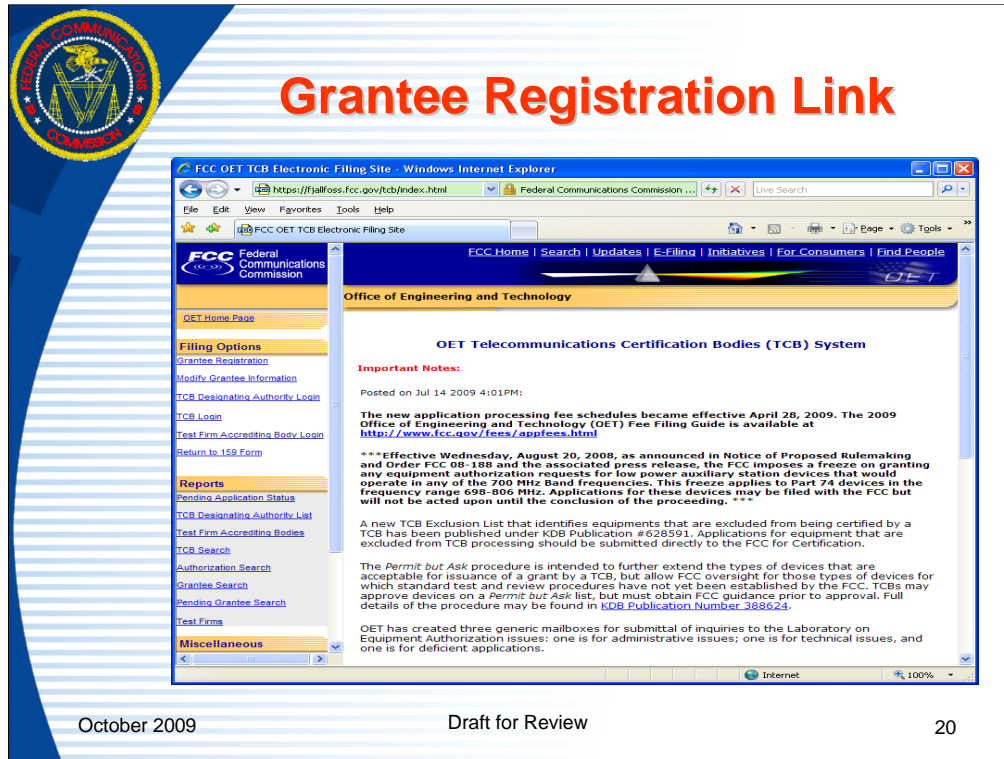
TCB Pre Login Framebar Filing Options Group

- Grantee Registration
- Modify Grantee Information
- TCB Designating Authority Login
- TCB Login
- Test Firm Accrediting Body Login
- Return to 159 Form

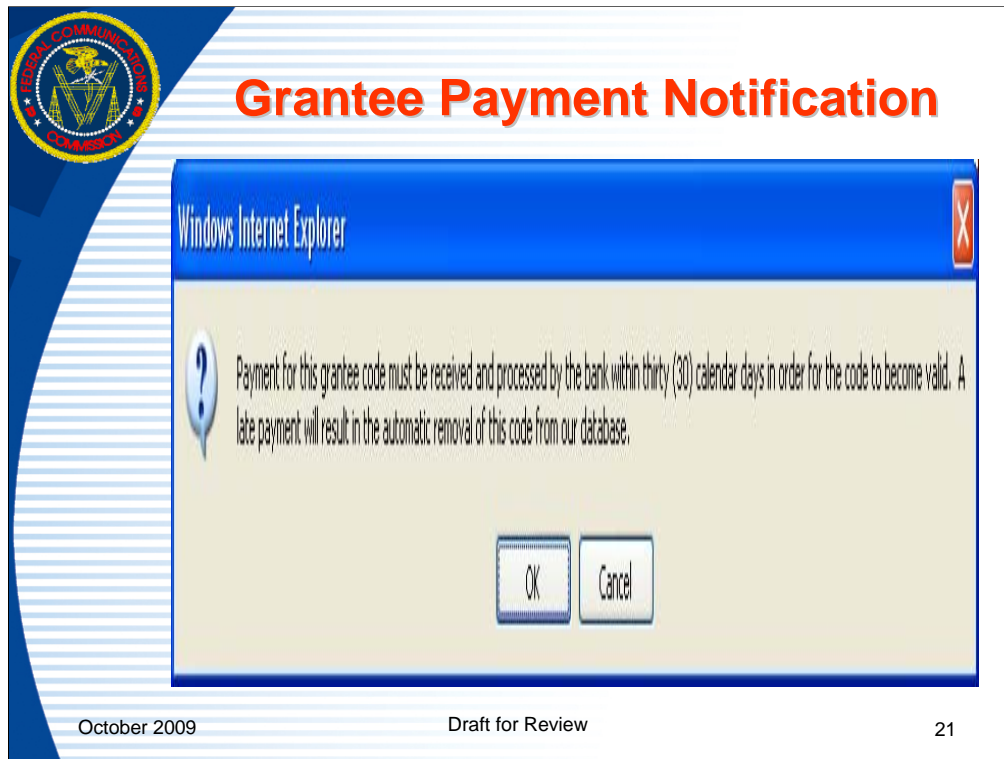
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The “grantee registration” link allows a user to obtain a three character “grantee” code which makes up the first three characters of each FCCID for that company. All applicants must have a valid grantee code before the TCB can complete a Form 731 to issue a grant. The fee for a grantee code is currently \$60 (US).



This slide shows the notification that reminds the user that the fee must be paid before it is permanently assigned. Grantee codes that are obtained but not paid for within 30 days will become available to be reassigned to another entity.



Grantee Code Registration Screen

FCC Grantee Registration - Windows Internet Explorer

Address bar: <https://fjallfoss.fcc.gov/oet/efas/forms/grant>

Page Title: **Equipment Authorization System Grantee Registration**

Upon completion of this filing, you will receive a three-character Grantee Code to be used when completing the FCC Form 731, Application for Equipment Authorization (there will be no digits zero and/or one in the Code). Please retain this Code for future reference. After successful completion of the Grantee Registration, you will be presented with the Fee Remittance Advice, FCC Form 159. The Form 159 may be submitted electronically (at least 128-bit encryption is required) or in paper form, along with payment to: Federal Communications Commission, Equipment Approval Services, P. O. Box 358315, Pittsburgh, PA 15251-5315.

Grantee's FCC Registration Number (FRN): *

Grantee's Complete, Legal Business Name: *

Grantee's Mailing Address: (* Either line one address or P.O. Box is required):

Line 1:

Line 2:

P.O. Box:

City:


State:

Country:

Zip/Postal Code:

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This slide shows the top half of the grantee registration page. Enter the Grantee's FRN and name and contact information and scroll down to complete the rest of the form.



The image shows a screenshot of the FCC Grantee Registration screen, titled "Grantee Code Registration Screen (continued)". The screen is displayed within a Windows Internet Explorer browser window. The URL bar shows "https://fjallfoss.fcc.gov/oeitcf/eas/forms/grant". The page features the FCC logo on the left. The main content area contains a form titled "Grantee's Contact Information:" with the following fields: First Name, Middle Name, Last Name, Title, Telephone Number (with an Extension field), Fax Number, E-mail, and Mail Stop. A disclaimer text is present below the fields, stating that by clicking the proceed button, the user certifies that the information is true and correct. A note indicates that a grantee may authorize an agent to act on his/her behalf in making changes, but the grantee remains responsible for all grantee information. A legend indicates that an asterisk (*) denotes a required field. At the bottom of the form are "Proceed" and "Clear" buttons. The browser window shows the "FCC OET TCB Electronic Filin..." and "FCC Grantee Registration" tabs. The status bar at the bottom of the browser indicates "Internet" and "100%".

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This slide shows the bottom half of the grantee registration page. After all information is correctly entered and the "proceed" button hit, the next available grantee code will be returned. The code must be paid for within 30 days to become valid. A TCB Form 731 application may not be entered for that Grantee code until the fee is paid.

Grantee codes do not contain ones or zeros.

Modify Grantee Code Registration

Enter the following information:

Grantee Code Registration Number:

Grantee Code:

[Don't know your Grantee Code Registration Number? Click here to find out how to obtain it.](#)

* - Indicates that this field must be completed before the registration can be submitted

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The modify grantee code information page allows a grantee to change the address and/or contact information online. Address and contact information changes require the grantee code and grantee registration number to be entered and then the changes are applied and visible immediately on the web. There is also a button on the page to file name changes. When a name change is made the address and contact information may also be requested to be modified. The FCC reviews these changes before applying them. A third button on the page allows transfers of control to be filed. A transfer of control does not require a name change but it is an option. Name changes/transfers of control must be reviewed and approved by the FCC before becoming effective and visible on the web. A justification of the changes must be submitted on company letterhead in order for the changes to be accepted.



Modify Grantee Code Registration- Address or Contact Only

OET Routine Grantee Maintenance - Windows Internet Explorer

Current information on file for **FCC Laboratory Test Grantee:**
Grantee's FCC Registration Number (FRN) 0005072848

Filing Options

- [Grantee Registration](#)
- [Modify Grantee Information](#)
- [Form 721](#)
- [Complete Unfinished Form 721](#)
- [Add Attachments](#)
- [Submit Correspondence](#)
- [Register New Test Firm](#)
- [Renew Test Firm/Code Exhibit](#)
- [Test Firm Accredited Body](#)
- [Return to 159 Form](#)
- [e-Notify Grant Denial](#)
- [Change Shop Term](#)
- [Equipment List](#)

Reports

- [Pending Application Status](#)
- [Authorization Search](#)
- [Grantee Search](#)
- [Pending Grantee Search](#)
- [Test Firm](#)
- [Test Firm Accredited Bodies](#)
- [Equipment Class/Type Part List](#)

Miscellaneous

- [Get FRN](#)
- [Interstate Database](#)
- [User's Manual](#)
- [Get Software](#)
- [FAQ](#)

Contacts

First Name: George
Middle Name: F
Last Name: Tonnahill
Title: electronics engineer
Telephone: 301-362-3026
Extension: 3026
Fax Number: 301-362-3000
Email: bill.schwartz@fcc.gov
Mail Stop: 106

Filing Instructions

Grantee's FCC Registration Number(FRN): *0005072848

Grantee's Mailing Address (* Either line one or P.O. Box is required):

Mailing Address:

Line 1: 7435 Oakland Mills Rd
Line 2:
P.O. Box:
City: Columbia
State: Maryland
Country: United States
Zip Code: 21044

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Enter the changes and a brief description of the reason for the change and click proceed. A confirmation of changes accepted will be returned.

Modify Grantee Code Registration-Name, including address and/or Contact

Filing Options

- Grantee Registration
- Modify Grantee Information
- Form 731
- Complete Unfinished Form 731
- Add Attachments
- Submit Correspondence
- Register New Test Firm
- Review Test Firm/Unit Exhibits
- Test Firm Accredited Body
- Search by VISA Form
- App/Modify Grant Deferral
- CAE
- Change Group/Team
- Equipment Data

Reports

- Pending Application Status
- Authorization Search
- Grantee Search
- Pending Grantee Search
- Test Firm
- Test Firm Accredited Bodies
- Equipment Class/Type Part List

Miscellaneous

- Get F301
- Interpretations Database
- User's Manual
- Get Software
- FAQ

Current information on file for FCC Laboratory Test Grantee:
Grantee's FCC Registration Number (FRN) 0005072848

Mailing Address:

Line one: 7435 Oakland Mills Rd
Line two:
P.O. Box:
City: Columbia
State: Maryland
Zip Code: 21044
Country: United States

Contacts:

First Name: George
Middle Name: F
Last Name: Tannahill
Title: electronics engineer
Telephone: 301-362-3026
Extension: 3026
Fax Number: 301-362-3000
Email: bill.schwartz@fcc.gov
Mail Stop: 106

To make changes to the name, address or contact information, make the correction in the desired field(s) below:

Filing Instructions

Grantee's FCC Registration Number(FRN): 0005072848
Grantee Name: FCC Laboratory Test Grantee

Grantee's Mailing Address (* Either line one or P.O. Box is required):

Mailing Address:

Line 1: 7435 Oakland Mills Rd
Line 2:
P.O. Box:
City: Columbia
State: Maryland
Country: United States

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Clicking the “Change Name...” link will allow a name change along with address/contact changes to be submitted to the FCC for review. An attachment on company letterhead describing the reason for the changes must be submitted in order for the change request to be received and reviewed by the FCC.

Grantee Name Change file upload

OET Submit Attachment - Windows Internet Explorer

https://seiafoss.fcc.gov/oad/SaveRoutineChanges.do

FCC Federal Communications Commission

Office of Engineering and Technology

FCC Site Map

OET Home Page

User Acceptance System. This site is used for testing purposes only.

Filing Options

Grant Registration

Modify Grant Information

Form 731 Application

Complete Unfinished Form 731

Add Attachments

Submit Correspondence

Register New Test Firm

Renew Test Firm/Add Exhibit

Test Firm Accredited Body

Login

Please provide a brief description of this attachment: *

Specify the file to include with this change request: *

Specify the Type of File Submitted: *

Submit Attachment Clear

* - This field is required in order to submit this attachment.

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After entering the name and address change or transfer of control information the attachment upload page will open.

Enter a description of the attachment, browse or enter the file name and select the file type from the pull down of acceptable file types. Adobe Acrobat PDF or JPG(Jfif) are acceptable file formats.

Click submit attachment to send attachments to FCC.

File sizes are limited to 4 MB per file.



Grantee Name Change Successful Attachment Upload

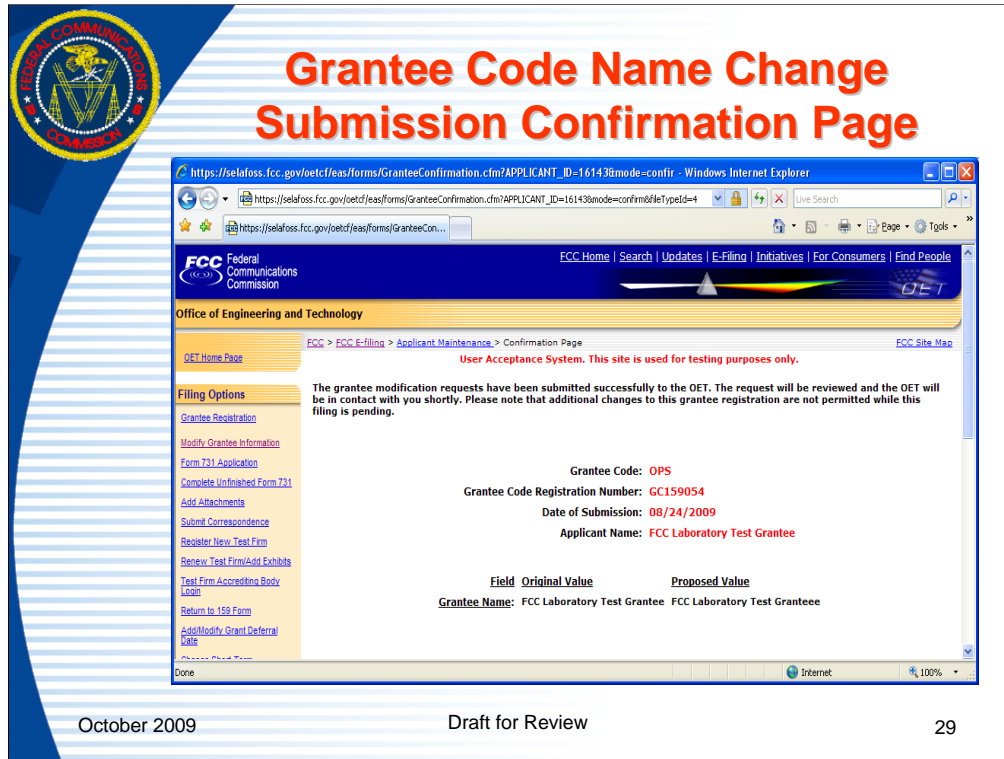
The screenshot shows a web browser window titled "OET Routine Grantee Maintenance - Windows Internet Explorer". The address bar shows the URL: <https://selfoss.fcc.gov/eas/granteeSetAttachment.do>. The page header includes the FCC logo and navigation links: [FCC Home](#), [Search](#), [Updates](#), [E-Filing](#), [Initiatives](#), [For Consumers](#), and [Find People](#). The main content area is titled "Office of Engineering and Technology" and displays a message: "User Acceptance System. This site is used for testing purposes only." Below this, a section titled "Filing Options" lists various actions: [Grantee Registration](#), [Modify Grantee Information](#), [Form 731 Application](#), [Complete Unfinished Form 731](#), [Add Attachments](#), [Submit Correspondence](#), [Register New Test Firm](#), [Renew Test Firm/Add Exhibits](#), [Test Firm Accrediting Body Login](#), [Return to 159 Form](#), [Add/Modify Grant Deferral Data](#), and [Change Short-Term](#). A table displays the upload status of a file:

Upload Status	File Size (bytes)	File Description	File Format	File Name
Success	36905	Test	Adobe Acrobat PDF	blank.pdf grant.pdf

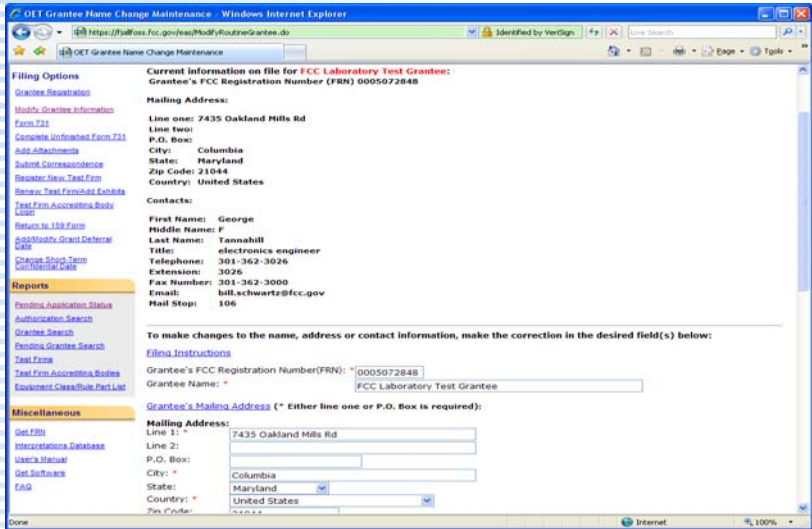
Below the table, a message states: "In order to complete this process the **Complete Submission** button must be clicked." Two buttons are visible: "Complete Submission" and "Add More Attachments".

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A confirmation page will be returned showing whether the file upload was successful or unsuccessful. When this confirmation is returned the “complete submission” button must be clicked to complete the process and send the entire request to the FCC for review.



When the FCC has received the attachment and the complete submission button has been clicked, the above confirmation page will be returned.



Modify Grantee Code Registration- Transfer of Control

OET Grantee Name Change Maintenance - Windows Internet Explorer

Current information on file for **FCC Laboratory Test Grantee**:
Grantee's FCC Registration Number (FRN) 0005072848

Mailing Address:

Line one: 7435 Oakland Hills Rd
Line two:
P.O. Box:
City: Columbia
State: Maryland
Zip Code: 21044
Country: United States

Contacts:

First Name: George
Middle Name: F
Last Name: Tannahill
Title: electronics engineer
Telephone: 301-362-3026
Extension: 3026
Fax Number: 301-362-3000
Email: bill.schwartz@fcc.gov
Mail Stop: 106

To make changes to the name, address or contact information, make the correction in the desired field(s) below:

Filing Instructions

Grantee's FCC Registration Number(FRN): * 0005072848
Grantee Name: * FCC Laboratory Test Grantee

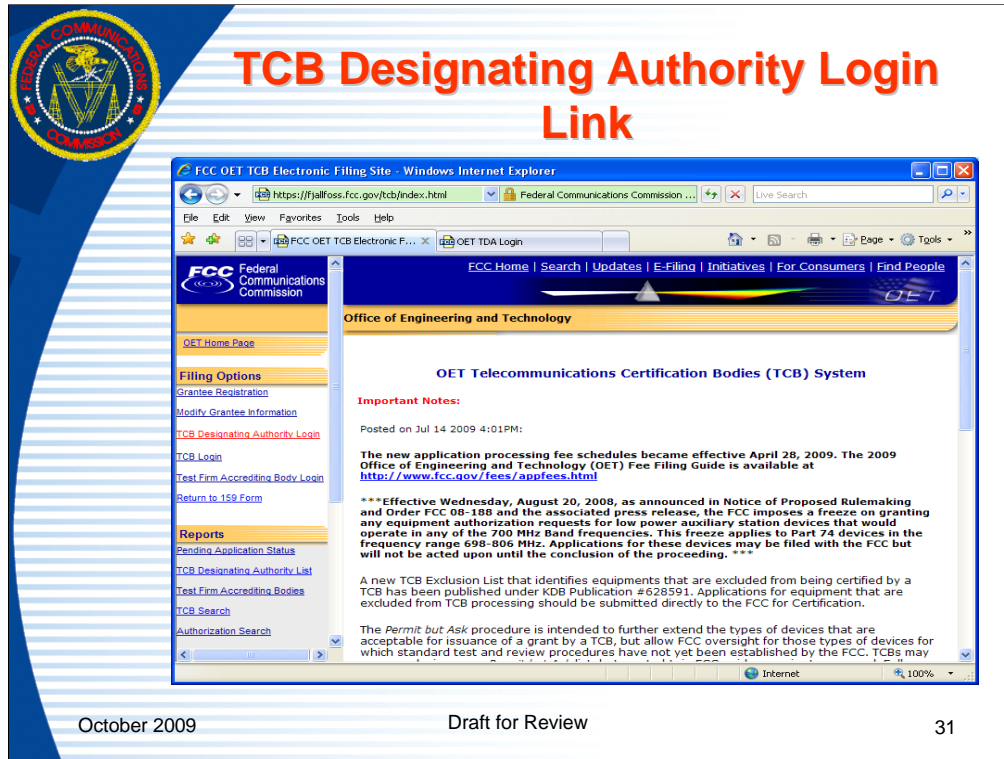
Grantee's Mailing Address (* Either line one or P.O. Box is required):

Mailing Address:

Line 1: 7435 Oakland Hills Rd
Line 2:
P.O. Box:
City: Columbia
State: Maryland
Country: United States
Zip Code:

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Entering a valid combination of Grantee Code Registration Number and grantee code and clicking on the “transfer of control” button will open the transfer of control modification page. This page is similar to the name change page but for transfers of control a name change is not required. An detailed explanation of the change of control is required to be submitted as an attachment after the transfer of control page is completed.




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TCB Designating Authorities (TDA) are entities that review the TCB accreditation information and determine if the TCB is capable of authorizing equipment. If they determine a TCB is capable then they designate the TCB to the FCC. This area of the website allows the TDA to perform that task. Since TCB's don't work in this database directly it will only be covered briefly to make the TCB's aware of how it works. The links accessed after login are used by the TCB Designating Authority to approve and make changes to TCB information including reset passwords. All changes to TCB information should be made thru the TDA and not submitted to the FCC directly by any party other than the TDA.

In order for TCB Designating Authority and TCB's to view and modify the FCC's databases a login and password are required. All changes to TCB Designating Authority information are made by the FCC. When a user clicks on the "TCB Designating Authority login" link a page will open which requests a login and password. Each TCB Designating Authority will have a unique login and password.



The following two slides show pages
that may only be accessed by a TCB
Designating Authority with login and
password

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This slide shows the TCB Designating Authority home page.

The web page has a frame bar on the left side showing all available options, a “Notes of Interest” section in the main window where the FCC can place general messages of interest to all TCB Designating Authority, and a e-mail link on the bottom for submitting questions and comments.

The page also indicates the date the TDA’s password will expire if it is approaching.

The TCB Designating Authority has filing option links too:

Enter a new TCB Accreditor

Modify an existing TCB Accreditor

Enter a new TCB

Modify an existing TCB

Reset a TCB password to the default password.

Initiate a correspondence to the FCC

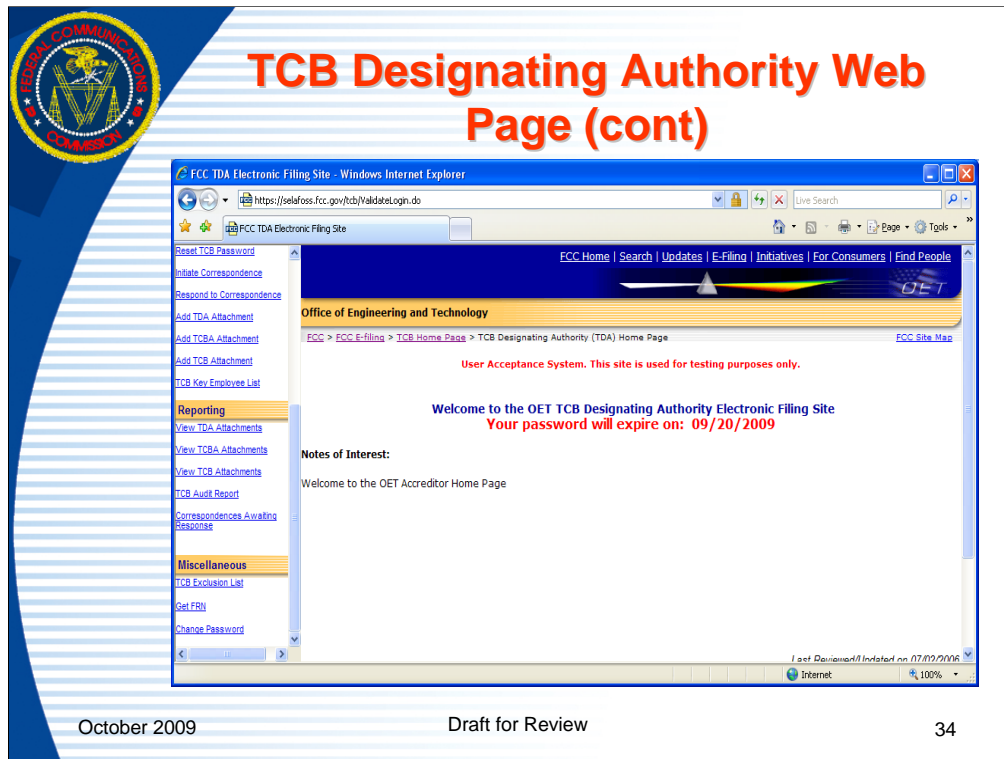
Respond to a correspondence from the FCC regarding the TDA

Add a TDA attachment

Add a TCB Accreditor attachment

Add a TCB attachment

Modify a TCB’s Key Employee list



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The TDA has Reporting Option Links too:

View attachments about themselves

View TCB Accreditor attachments

View TCB attachments

Generate a TCB Audit report. The TCB Audit report identifies all correspondence between a specific TCB and the FCC over a selected date range. Typically the report is run over the date range from their last audit to the current date.

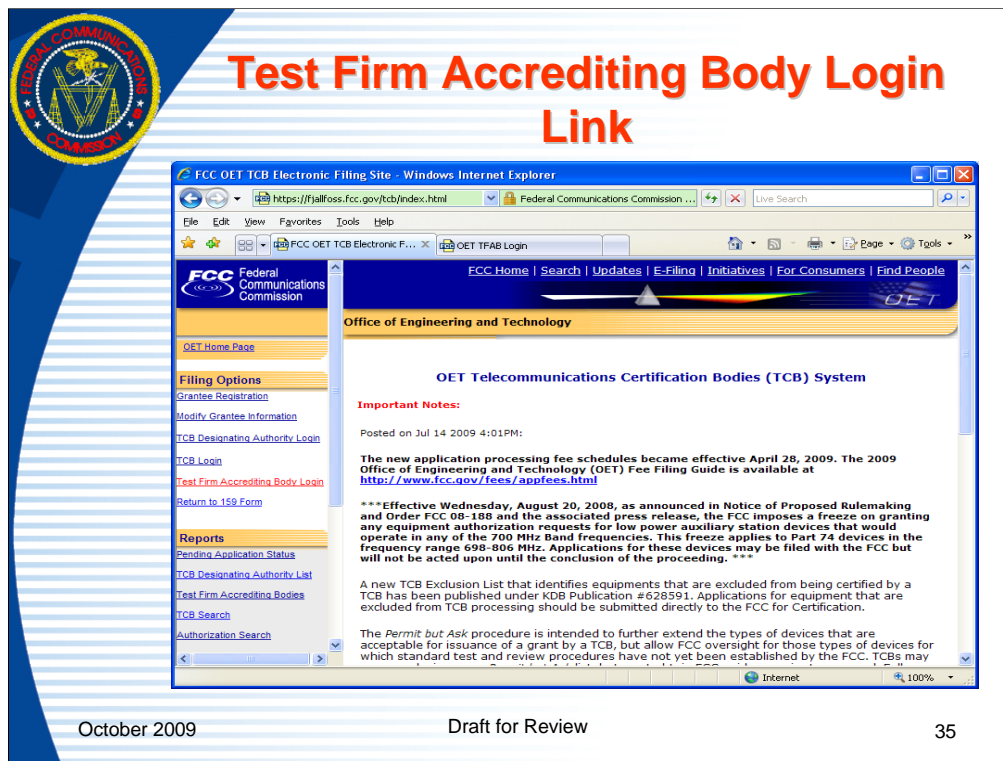
Search for correspondence from the FCC to the TDA that has not been responded too.

Under the Miscellaneous options on the Frame bar the TDA has links too:

View the current TCB exclusion list,

Get an FRN,

Change their own password.




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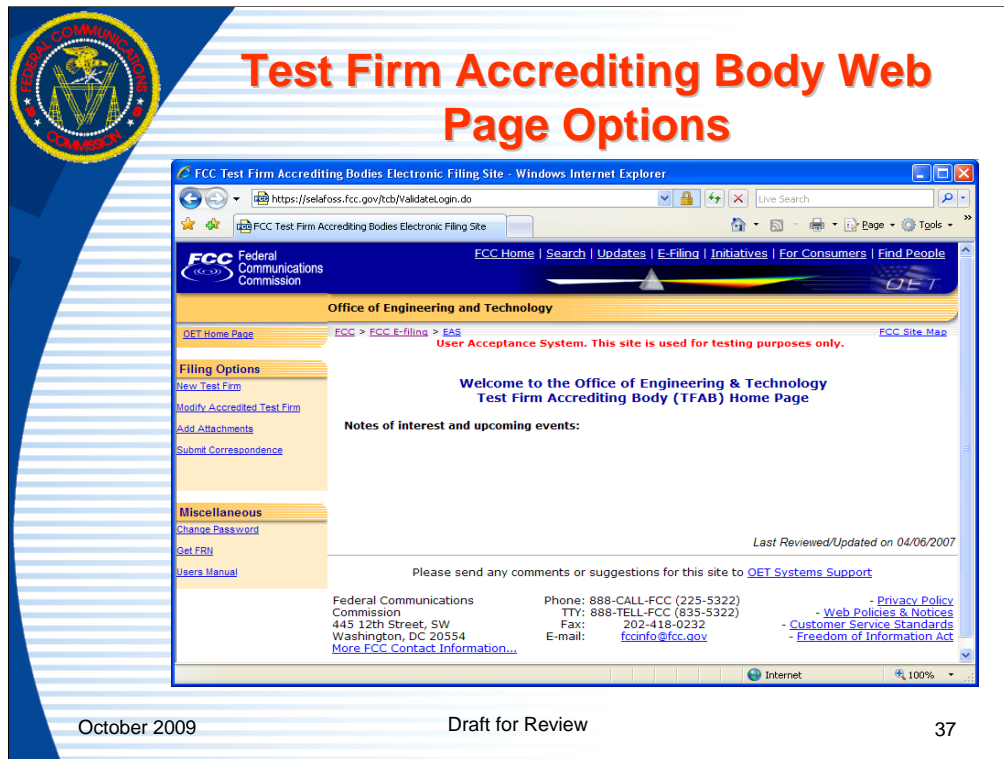
Test Firm Accrediting Bodies (TFABs) are entities that are recognized by the FCC to accredit independent testing laboratories to ISO 17025 and designate them to the FCC. The FCC will review the information submitted regarding the accredited testing laboratories and if acceptable will recognize the lab as capable of performing testing for Declaration of Conformity and Certification under Parts 15 and 18 of the FCC rules. The links accessible using the TFAB login allow the TFAB to perform the required functions and correspond with the FCC.

The test firm accrediting body login allows for designated test firm accrediting bodies to enter and maintain information for test firms they have accredited into the FCC database. A login and password are required for the Test firm accrediting body to access the database.



The following slide shows a page that can only be accessed with a Test Firm Accrediting Body login and password.

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The Test Firm Accrediting Body (TFAB) options are:

Enter new test firm

Modify Accredited Test firm

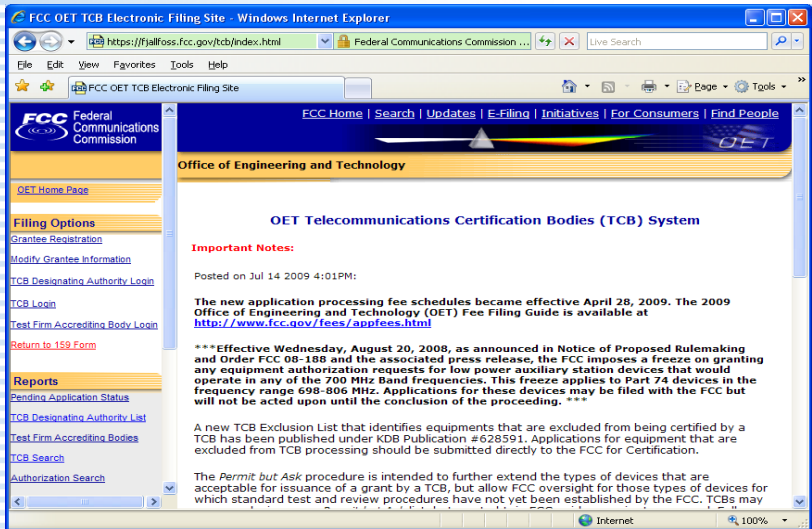
Add attachments

Submit Correspondence

Change Password

Get FRN

Access the users manual



Return to 159 Form Link

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/index.html

Federal Communications Commission

FCC OET TCB Electronic Filing Site

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

OET Telecommunications Certification Bodies (TCB) System

Important Notes:

Posted on Jul 14 2009 4:01PM:

The new application processing fee schedules became effective April 28, 2009. The 2009 Office of Engineering and Technology (OET) Fee Filing Guide is available at <http://www.fcc.gov/fees/appfees.html>

***Effective Wednesday, August 20, 2008, as announced in Notice of Proposed Rulemaking and Order FCC 08-188 and the associated press release, the FCC imposes a freeze on granting any equipment authorization requests for low power auxiliary station devices that would operate in any of the 700 MHz Band frequencies. This freeze applies to Part 74 devices in the frequency range 698-806 MHz. Applications for these devices may be filed with the FCC but will not be acted upon until the conclusion of the proceeding. ***

A new TCB Exclusion List that identifies equipments that are excluded from being certified by a TCB has been published under KDB Publication #628591. Applications for equipment that are excluded from TCB processing should be submitted directly to the FCC for Certification.

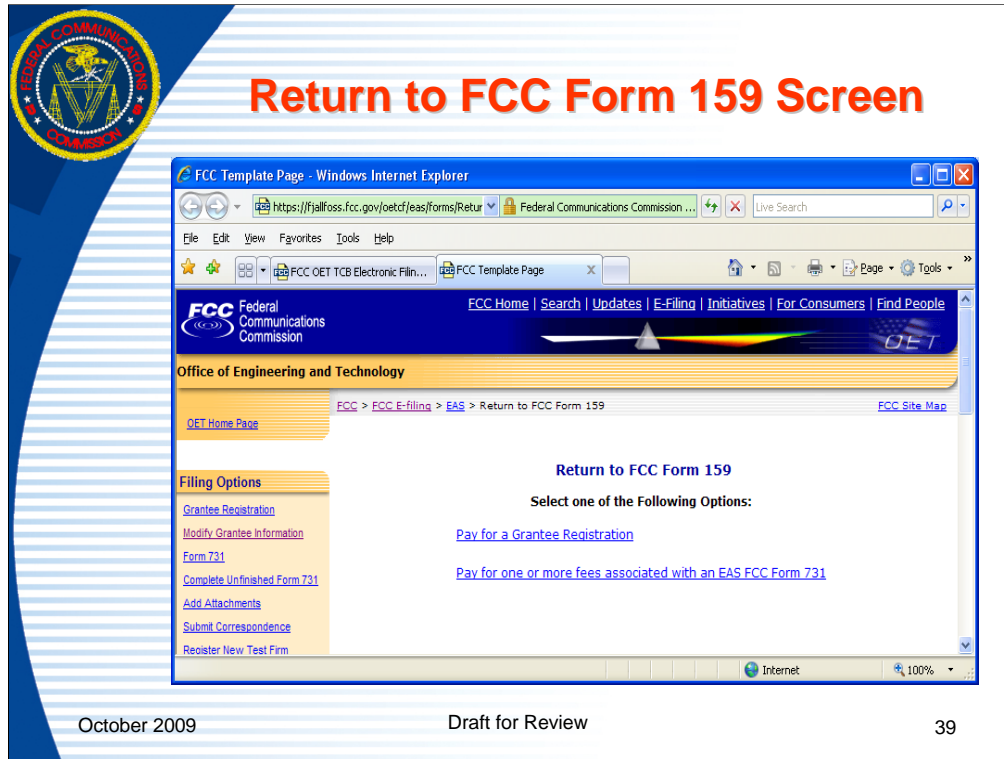
The Permit but Ask procedure is intended to further extend the types of devices that are acceptable for issuance of a grant by a TCB, but allow FCC oversight for those types of devices for which standard test and review procedures have not yet been established by the FCC. TCBs may

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The return to 159 form link allows for a payment to be made to the FCC for a grantee code or application submitted for FCC approval. The FCC doesn't charge a fee for applications granted by a TCB.



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Clicking on the link for "Return to Form 159" returns two options:
Pay for a Grantee Registration
Pay a fee associated with and FCC Form 731 application

Return to FCC Form 159 – Pay for Grantee Registration

FCC OET Modify Grantee Information - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/eas/Forms/Modify

Federal Communications Commission

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

FCC > FCC E-filing > EAS > Return to 159 > Pay for Grantee Registration

FCC Site Map

OET Home Page

Filing Options

- Grantee Registration
- Modify Grantee Information
- Form 731
- Complete Unfinished Form 731
- Add Attachments
- Submit Correspondence
- Register New Test Firm
- Renew Test Firm/Add Exhibits
- Test Firm Accrediting Body
- Login

Enter the following information:

Grantee Code Registration Number (GC #): *

Grantee Code: *

Don't know your Grantee Code Registration Number? Click here to find out how to obtain it.

* - Indicates that this field must be completed before the proceeding.

Proceed Clear

https://fjallfoss.fcc.gov/oetcf/eas/Forms/EasReturnTo731.cfm

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When the link for paying for a grantee registration is selected a page opens that requires the grantee code and grantee registration number be entered. Upon entering a valid combination of Grantee Code and Grantee Code Registration Number and clicking on the proceed button, the fee is calculated and the user is forwarded to a Form 159 where they can print a 159 Form for the specified grantee code or pay electronically.

FCC Form 159 Payment Instructions

Filing Options

- Grantee Registration
- Modify Grantee Information
- Form 731
- Complete Unfinished Form 731
- Add Attachments
- Submit Correspondence
- Register New Test Firm
- Renew Test Firm/Add Exhibits
- Test Firm Accrediting Body
- LCRS
- Return to 159 Form
- Add/Modify Grant Deferral Date
- Change Short-Term Confidentiality

Reports

- Pending Application Status
- Authorization Search
- Grantee Search

A fee is required for each application. Payment may be submitted electronically, by mail or hand-delivery:

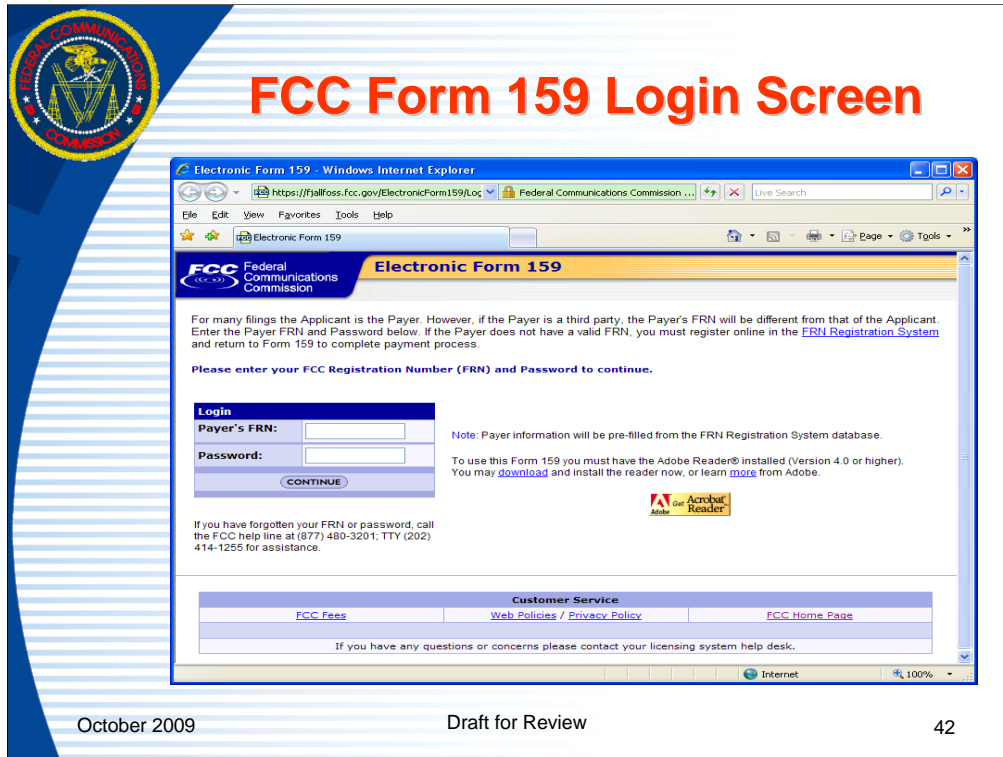
- Electronically:**
Proceed to the Form 159 and follow the instructions. (NOTE: Requires a browser that supports 128-Bit Encryption)
- By Mail: (Address 1)**
Federal Communications Commission
EQUIPMENT APPROVAL SERVICES
Post Office Box 979095 St. Louis, MO 63197-9000.
- Hand-Delivery or Courier Service:***
Federal Communications Commission c/o U.S. Bank
Government Lockbox 979095
SL-MO-C2-GL
1005 Convention Plaza
St. Louis, MO 63101

*: Applications hand-delivered or sent by courier service must be double enveloped as follows:

- Address an envelope with Address 1
- Place in an outer envelope with Address 2
- Hand deliver or submit to address 2

Proceed with Registration

When a valid grantee code and grantee code registration number combination is entered the Form 159 mailing instructions page will open. Click proceed with registration to continue through the process.



The image shows a screenshot of the FCC Form 159 Login Screen. The page is titled "FCC Form 159 Login Screen" in large red text. Below the title, there is a login form with fields for "Payer's FRN" and "Password". A "CONTINUE" button is located below the password field. To the right of the login fields, there is a note: "Note: Payer information will be pre-filled from the FRN Registration System database." Below the login fields, there is a link to the "FRN Registration System". At the bottom of the page, there is a "Customer Service" section with links for "FCC Fees", "Web Policies / Privacy Policy", and "FCC Home Page". A footer note states: "If you have any questions or concerns please contact your licensing system help desk."

FCC Form 159 Login Screen

Electronic Form 159 - Windows Internet Explorer
https://hfalffoss.fcc.gov/ElectronicForm159/Log... Federal Communications Commission ... Live Search

File Edit View Favorites Tools Help

Electronic Form 159

FCC Federal Communications Commission

Electronic Form 159

For many filings the Applicant is the Payer. However, if the Payer is a third party, the Payer's FRN will be different from that of the Applicant. Enter the Payer FRN and Password below. If the Payer does not have a valid FRN, you must register online in the [FRN Registration System](#) and return to Form 159 to complete payment process.

Please enter your FCC Registration Number (FRN) and Password to continue.

Login

Payer's FRN:

Password:

CONTINUE

Note: Payer information will be pre-filled from the FRN Registration System database.

To use this Form 159 you must have the Adobe Reader® installed (Version 4.0 or higher). You may [download](#) and install the reader now, or learn [more](#) from Adobe.

If you have forgotten your FRN or password, call the FCC help line at (877) 480-3201; TTY (202) 414-1255 for assistance.

Customer Service

[FCC Fees](#) [Web Policies / Privacy Policy](#) [FCC Home Page](#)

If you have any questions or concerns please contact your licensing system help desk.

Internet 100%

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Upon clicking “proceed with registration” button the user is prompted to enter the Payor’s FRN and password. This website is used for Fee Payments for all FCC payments and is not maintained directly by the FCC Equipment Authorization System. Password issues for Payor’s FRN’s must be handled thru this website.

Return to FCC Form 159 – Pay for EAS FCC Form 731

FCC Grantee Registration - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/eas/forms/Retur

Federal Communications Commission

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

FCC > FCC E-filing > EAS > Return to FCC Form 159

Enter the FCCID and Form 731 Confirmation Number provided at the time of original filing:

FCC ID: *

Form 731 Confirmation Number: *

* - Indicates that this field must be completed before proceeding.

Done


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When a user selects the return to 159 option to “Pay for an EAS FCC Form 731” the user is prompted to enter an FCCID number and Form 731 Confirmation Number and click the proceed button.

Upon clicking proceed the user will be directed to the Form 159 instructions and then to enter the Payor’s FRN and password. The Fee for a Form 731 will then be calculated and can be for a single Fee type code or multiple Fee type codes in the case of a composite application.

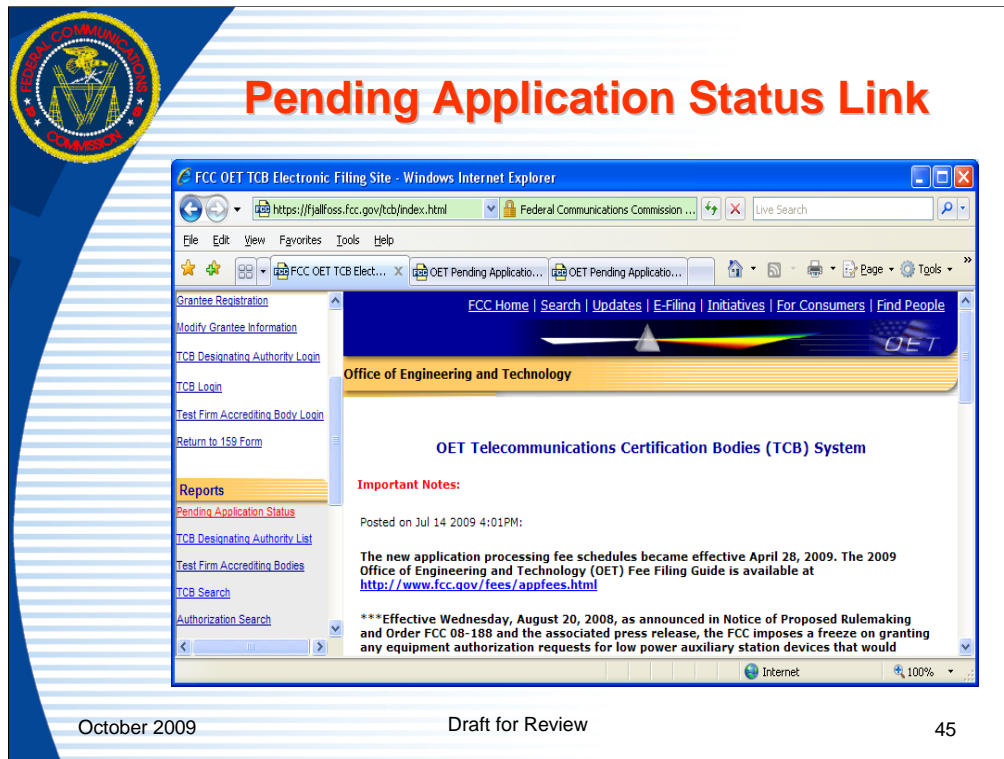


TCB Pre Login Framebar Reports Group

- Pending Application Status
- TCB Designating Authority List
- Test Firm Accrediting Bodies
- TCB Search
- Authorization Search
- Grantee Search
- Pending Grantee Search
- Test Firms

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This slide shows the main filing page where the available options are not password protected.



Entering an FCCID in combination with its associated Form 731 Confirmation number and clicking the “start search” button will return information available on applications.

Up to 6 FCCID’s may be searched at one time.



TCB Designating Authority (TDA) List

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

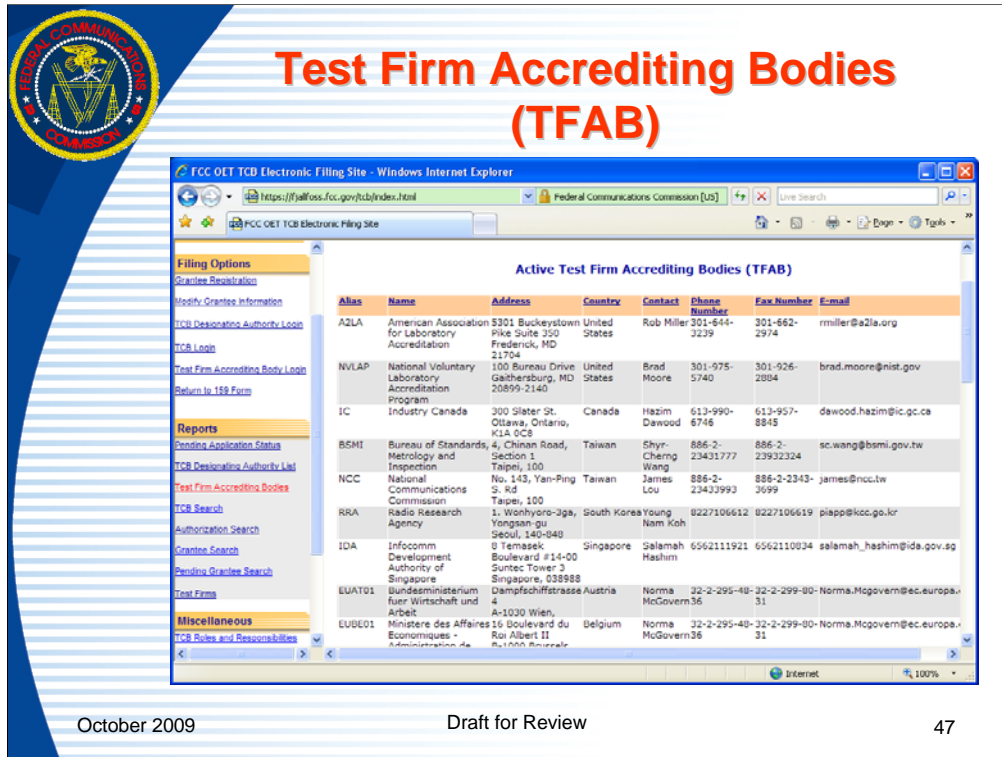
https://fjallfoss.fcc.gov/tcb/index.html

FCC Office of Engineering & Technology Active TCB Designating Authority (TDA) List

TCB Designating Authority	Address	Country	Contact	Phone Number	Fax Number	Email
Bundesministerium fuer Verkehr, Innovation und Technologies	Kelsenstrasse 7 Vienna, 1030	Austria	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
Industry Canada	300 Slater St. Ottawa, Ontario, K1A 0G8	Canada	Hazim Dawood	613-990-6746	613-987-8845	dawood.hazim@ic.gc.ca
Czech Office for Standards, Metrology and Testing	Gonardova 24 128 01 Praha 2,	Czech Republic	Norma McGovern	32-2-295 48 36	32-2-299-00-31	norma.mcgovern@ec.europa.eu
National Telecom Agency	Holsteinsgade 63 Copenhagen, 2100	Denmark	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
Ministere de l'Economie, des Finances et de l'Industrie (DICTIP)	12, rue Villiot Paris Cedex 12, F-75 572	France	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
Federal Ministry of Economics and Technology	Villemomblerstrasse 76 Office/Buero: Haus L, Raum 315 Bonn, D-53123	Germany	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
Department of Public Enterprise	44 Kildare Street Dublin, 2	Ireland	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
Ministero delle Comunicazioni	Viale America, 201 I-00144 Roma,	Italy	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu
DG RQS	1-2 asumigaseki 2-chome, Chiyoda-ku Tokyo, 100-8926	Japan	Michyo Ogino	81-3-5253-5908	N/A	mira-m@soumu.go.jp
Ministry of Internal Affairs and Communications (MIC)						
Radiocommunications Agency of the Ministry of Transport, Public Works and Water	Emmasingel 1 P.O. Box 490 Groningen, NL-9700	Netherlands	Norma McGovern	32-2-2954836	N/A	Norma.McGovern@ec.europa.eu

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The TCB Designating Authority List link provides a list of all entities recognized by the FCC to designate TCB's to the FCC



Test Firm Accrediting Bodies (TFAB)

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/index.html

Federal Communications Commission [US]

Live Search

FCC OET TCB Electronic Filing Site

Filing Options

- Grantee Registration
- Modify Grantee Information
- TCB Designation Authority Login
- TCB Login
- Test Firm Accrediting Body Login
- Return to 159 Form

Reports

- Pending Application Status
- TCB Designation Authority List
- Test Firm Accrediting Bodies
- TCB Search
- Authorization Search
- Grantee Search
- Pending Grantee Search
- Test Firms

Miscellaneous

- TCB Rules and Responsibilities

Active Test Firm Accrediting Bodies (TFAB)

Alias	Name	Address	Country	Contact	Phone Number	Fax Number	E-mail
A2LA	American Association for Laboratory Accreditation	5301 Buckeystown Pike Suite 350 Frederick, MD 21704	United States	Rob Miller	301-644-3239	301-662-2974	rmiller@a2la.org
NVLAP	National Voluntary Laboratory Accreditation Program	100 Bureau Drive Gaithersburg, MD 20899-2140	United States	Brad Moore	301-975-5740	301-926-2804	brad.moore@nist.gov
IC	Industry Canada	300 Slater St. Ottawa, Ontario, K1A 0G8	Canada	Hazim Dawood	613-990-6746	613-957-8845	dawood.hazim@ic.gc.ca
BSMI	Bureau of Standards, Metrology and Inspection	4, Chinan Road, Taipei, 100	Taiwan	Shyr-Cherng Wang	886-2-23431777	886-2-23932324	sc.wang@bsmi.gov.tw
NCC	National Communications Commission	No. 143, Yan-Ping S. Rd Taipei, 100	Taiwan	James Lou	886-2-23433993	886-2-23433699	james@ncc.tw
RRA	Radio Research Agency	1, Wonhyoro-Jga, Yongsan-gu Seoul, 140-040	South Korea	Young Nam Koh	0227106612	0227106619	piapp@kcc.go.kr
IDA	Infocomm Development Authority of Singapore	8 Temasek Boulevard #14-00 Suntec Tower 3 Singapore, 038988	Singapore	Sallamah Hashim	6562111921	6562110034	sallamah_hashim@ida.gov.sg
EUAT01	Sundministrerium fuer Wirtschaft und Arbeit	Dampfschiffstrasse 4 A-1030 Wien, Austria	Austria	Norma McGovern	32-2-295-48-31	32-2-299-80-31	Norma.McGovern@ec.europa.eu
EUE01	Ministere des Affaires Economiques - Administration de	Rui Albert II B-1000 Brussels	Belgium	Norma McGovern	32-2-295-48-31	32-2-299-80-31	Norma.McGovern@ec.europa.eu

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The Test Firm Accrediting Bodies link provides a list of all entities that are recognized by the FCC to designate accredited test firms to the FCC.



The screenshot displays the FCC OET TCB Electronic Filing Site in a Windows Internet Explorer browser window. The page title is "FCC OET TCB Electronic Filing Site - Windows Internet Explorer". The address bar shows the URL "https://fjallfoss.fcc.gov/tcb/index.html". The page features the FCC logo on the left and a navigation menu with categories like "Filing Options", "Reports", and "Miscellaneous". The main content area is titled "Telecommunications Certification Bodies (TCB) Search". It contains a "General Information" section with fields for TCB Name, Designated By, TCB Login, FCC Registration Number (FRN), City, State (dropdown), Zip Code, and Country (dropdown). There is also a "Training Received" section with checkboxes for "Scope B1 Parts 22H/24E Handset Qualifications" and "General RF Exposure Qualified". At the bottom right, there is a "Show 10 Records at a Time" option and "Start Search" and "Clear" buttons.

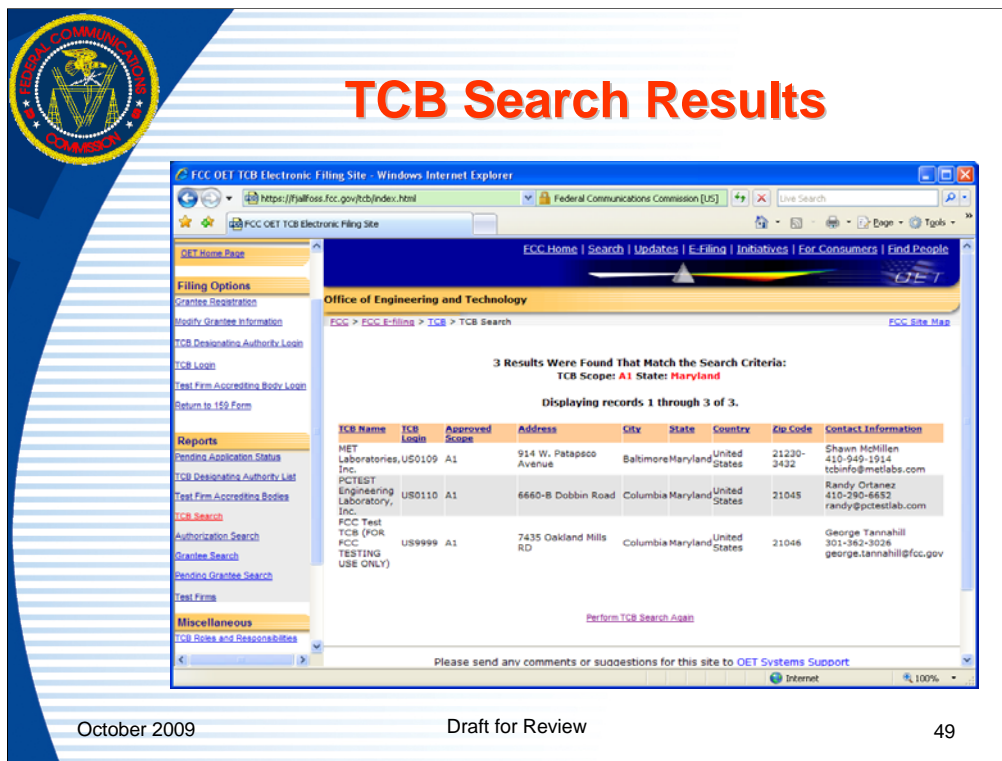
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The "TCB Search" link allows users to search multiple parameters for TCB's with FCC recognized scopes.

Entering the search parameters and clicking the "start search" button will return a list of recognized TCB's that meet the specified search parameters.



TCB Search Results

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/index.html

Federal Communications Commission [US]

FCC OET TCB Electronic Filing Site

ECC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

ECC > ECC E-Filing > TCB > TCB Search

3 Results Were Found That Match the Search Criteria:
TCB Scope: A1 State: Maryland

Displaying records 1 through 3 of 3.

TCB Name	TCB Logo	Approved Scope	Address	City	State	Country	Zip Code	Contact Information
MET Laboratories, US0109		A1	914 W. Patapasco Avenue	Baltimore	Maryland	United States	21220-3432	Shawn McMillen 410-949-1914 tcbinfo@metlabs.com
PCTEST Engineering Laboratory, Inc.		A1	6660-B Dobbin Road	Columbia	Maryland	United States	21045	Randy Ortanez 410-380-6692 randy@pctestlab.com
FCC Test TCB (FOR FCC TESTING USE ONLY)		A1	7435 Oakland Mills RD	Columbia	Maryland	United States	21046	George Tannahill 301-382-3026 george.tannahill@fcc.gov

Perform TCB Search Again

Please send any comments or suggestions for this site to OET Systems Support

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When entering TCB search parameters for TCB's recognized for Scope A1 and located in Maryland the above search results are returned. The search criteria are shown at the top of the search results list.

The search results for a TCB search are sortable by clicking on the column headers. Browsers newer than Microsoft IE 5 and Netscape Navigator 7 allow columns to be sorted more efficiently and are recommended.



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The “authorization search” link provides users a variety parameters to search for granted applications. The search parameters include: grantee code, FCCID, applicant name, grant date range, grant comments, application purpose (original grant, permissive change, or change in ID), SDR, FCC approved, TCB approved, Composite devices, grant notes, test firm, equipment class, frequency range, emission designator, necessary bandwidth, frequency tolerance, power output, rule parts, product description, modular type, TCB name, or TCB scope.

Since this screen is not in the password protected area, information about pending, dismissed, and denied applications is not shown.

Multiple search fields may be entered. Results returned will meet all parameters selected. Searching on more than 9 fields at a time may cause intermittent problems and should be avoided.

Authorization Search (cont)

The screenshot displays the FCC OET TCB Electronic Filing Site in a Windows Internet Explorer browser window. The page features a blue header with the FCC logo on the left and the title "Authorization Search (cont)" in red. The main content area is divided into a left sidebar with navigation links and a central form titled "Equipment Information".

Navigation Links (Left Sidebar):

- TCB Designating Authority Login
- TCB Login
- Test Firm Accredited Body Login
- Return to 159 Page
- Reports**
- Pending Application Status
- TCB Designating Authority List
- Test Firm Accredited Bodies
- TCB Search
- Authorization Search
- Grantee Search
- Pending Grantee Search
- Test Firms
- Miscellaneous**
- TCB Rules and Responsibilities
- Knowledge Database
- TCB Exclusion List
- Get FRN
- User's Manual
- Test Reference

Equipment Information Form:

- Equipment Class:** [Dropdown menu]
- Frequency Range in MHz:** [] to [] Exact Match ☒
- Necessary Bandwidth:** []
- Emission Designator:** []
- Frequency Tolerance:** [] to [] Exact Match ☒
- Power Output (in Watts):** [] to [] Exact Match ☒
- Rule Parts (up to three):** [] & [] & [] Exact Match ☒
- Product Description:** []
- Modular Type:**
 - Single Modular Approval
 - Limited Single-Modular Approval
 - Split Modular Approval
 - Limited Split Modular Approval☒ OR show all modular ☐ OR show all non-modular ☐
- TCB Information:**
 - TCB Name:** [Dropdown menu]
 - TCB Scope:** []

At the bottom of the form, there is a "Show 10 Records at a Time" option and two buttons: "Start Search" and "Clear".

This screen image shows the bottom half of the TCB authorization search page. When all search parameters are entered click the "start search" button to initiate the search.



Authorization Search Results

2 results were found that match the search criteria:
TCB Name: **FCC Test TCB (FOR FCC TESTING USE ONLY)**

Displaying records 1 through 2 of 2.

View Form	Display Exhibits	Grant	Display Correspondence	Applicant Name	Address	City	State	Country	Zip Code	FCC ID	Application Purpose	Grant Date	Lower Frequency In MHz	Upper Frequency In MHz
Detail Summary	Detail Summary	Detail Summary	Detail Summary	FCC Laboratory Test Grantee	7435 Oakland Mills Rd	Columbia	MD	United States	21044	OPS99999	Original Equipment	08/11/2009	433.0	444.0
Detail Summary	Detail Summary	Detail Summary	Detail Summary	Via West Inc	534 N Stone Avenue	Tucson	AZ	United States	85705	EANTESTNOWPLEASE	Original Equipment	07/21/2009	12.0	21.0

[Perform Search Again](#)

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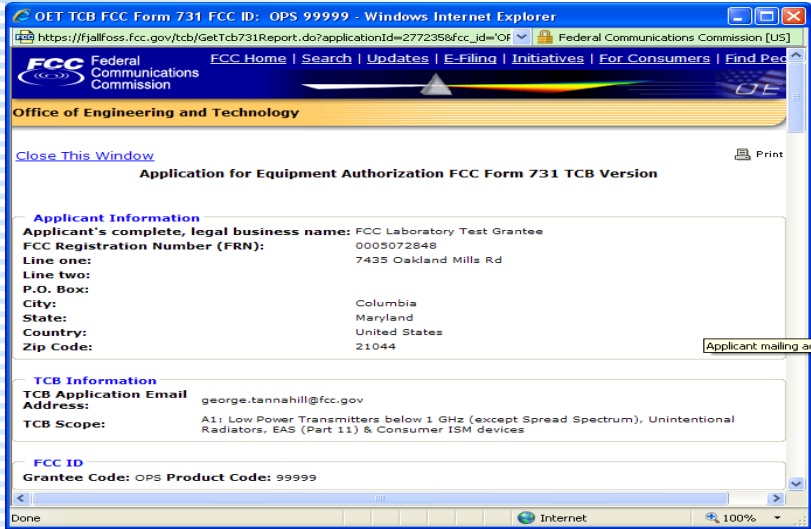
The search results show the Form 731, Exhibits, grant, correspondence, applicant information and frequency of operation.

Under the display exhibits column the summary link lists all exhibits that have been uploaded including confidential and superseded exhibits but doesn't allow for them to be opened. The Detail link allows for non confidential and non superseded exhibits to be viewed.

The search parameters are shown above the search results.

The authorization search results may be sorted by clicking on the column headers. Browsers newer than Microsoft IE 5 and Netscape Navigator 7 allow columns to be sorted more efficiently and are recommended.

The number of search results shown on each page may be modified to show up to 500 results.



**Authorization Search Result View
Form 731**

OET TCB FCC Form 731 FCC ID: OPS 99999 - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/GetTcb731Report.do?applicationId=2772358&fcc_id=OPS99999

Federal Communications Commission [US]

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find Pec

Office of Engineering and Technology

[Close This Window](#) [Print](#)

Application for Equipment Authorization FCC Form 731 TCB Version

Applicant Information

Applicant's complete, legal business name: FCC Laboratory Test Grantee
 FCC Registration Number (FRN): 0005072848
 Line one: 7435 Oakland Mills Rd
 Line two:
 P.O. Box:
 City: Columbia
 State: Maryland
 Country: United States
 Zip Code: 21044

TCB Information

TCB Application Email: george.tannahill@fcc.gov
 Address:
 TCB Scope: A1: Low Power Transmitters below 1 GHz (except Spread Spectrum), Unintentional Radiators, EAS (Part 11) & Consumer ISM devices

FCC ID

Grantee Code: OPS Product Code: 99999


Done Internet 100%

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When viewing the Authorization Search results and selecting the View Form 731 a view of the Form 731 opens.



Authorization Search Result Exhibit List Summary



OET List Exhibits Report - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/eas/reports/ Federal Communications Commis... Live Search

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

FCC > FCC E-filing > EAS > List Exhibits Page

OET Exhibits Summary List

10 Matches found for FCC ID 'OPS99999'

Exhibit Type	File Type	File Size	Description	Submission Date	Permanent	Short-Term	Supersede	Date Available
Attestation Statements	Adobe Acrobat PDF	190365	test	08/11/2009	No	No	No	08/11/2009
Block Diagram	Adobe Acrobat PDF	190365	Test LTC	08/11/2009	Yes	No	No	08/11/2009
Cover Letter(s)	Adobe Acrobat PDF	190365	test	08/11/2009	No	No	No	08/11/2009
External Photos	Adobe Acrobat PDF	190365	Test STC	08/11/2009	No	No	No	08/11/2009
ID Label/Location Info	Adobe Acrobat PDF	190365	Test	08/11/2009	No	No	No	08/11/2009
Internal Photos	Adobe Acrobat PDF	190365	Test	08/11/2009	No	No	No	08/11/2009
Operational Description	Adobe Acrobat PDF	190365	Test	08/11/2009	Yes	No	No	08/11/2009
Schematics	Adobe Acrobat PDF	190365	Test	08/11/2009	No	No	No	08/11/2009
Test Setup Photos	Adobe Acrobat PDF	190365	Test	08/11/2009	No	No	No	08/11/2009
Users Manual	Adobe Acrobat PDF	190365	Test	08/11/2009	No	No	No	08/11/2009

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When viewing the authorization search results and selecting to Display Exhibits summary list a page similar to the image above appears.



Authorization Search Result Exhibit List Detail



OET List Exhibits Report - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/eas/reports/ Federal Communications Commis... Live Search

FCC OET TCB Electronic Filin... OET List Exhibits Report

Office of Engineering and Technology

FCC > FCC E-filing > EAS > List Exhibits Page

FCC Site Map

OET Exhibits List

8 Matches found for FCC ID 'OPS99999'

View Attachment	Exhibit Type	Date Submitted to FCC	Display Type	Date Available
test	Attestation Statements	08/11/2009	pdf	08/11/2009
test	Cover Letter(s)	08/11/2009	pdf	08/11/2009
Test STC	External Photos	08/11/2009	pdf	08/11/2009
Test	ID Label/Location Info	08/11/2009	pdf	08/11/2009
Test	Internal Photos	08/11/2009	pdf	08/11/2009
Test	Schematics	08/11/2009	pdf	08/11/2009
Test	Test Setup Photos	08/11/2009	pdf	08/11/2009
Test	Users Manual	08/11/2009	pdf	08/11/2009

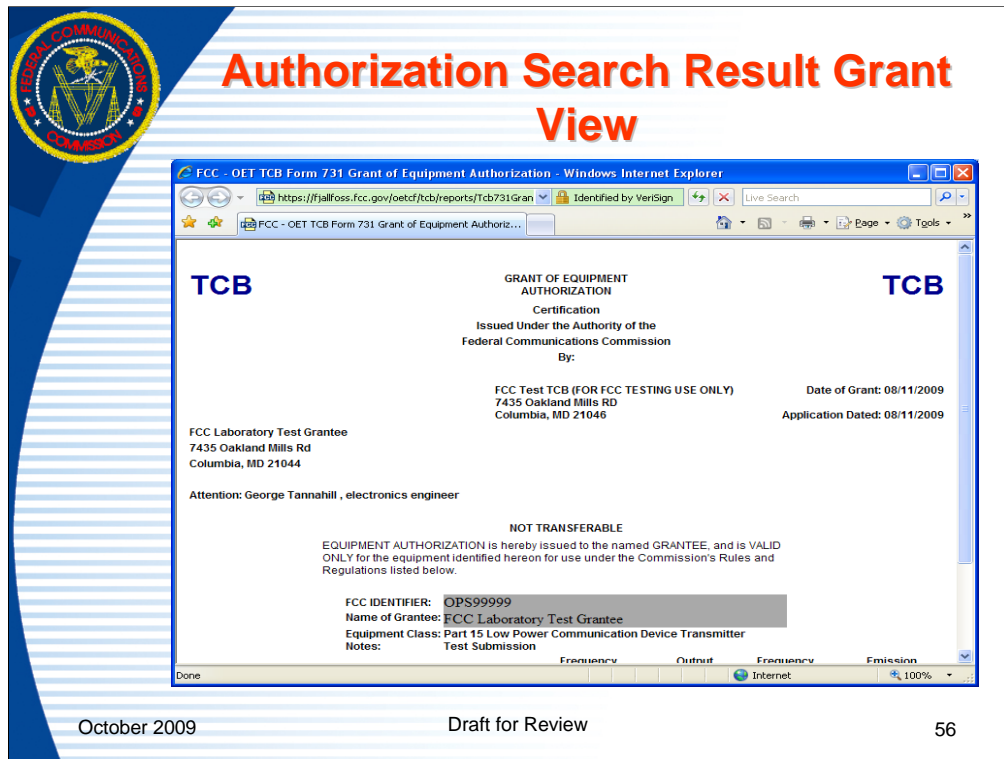
Done Internet 100%

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When viewing the authorization search results and selecting detail view of exhibits a page similar to the above page opens. Exhibits may be viewed by clicking on the link under the view attachment column header.

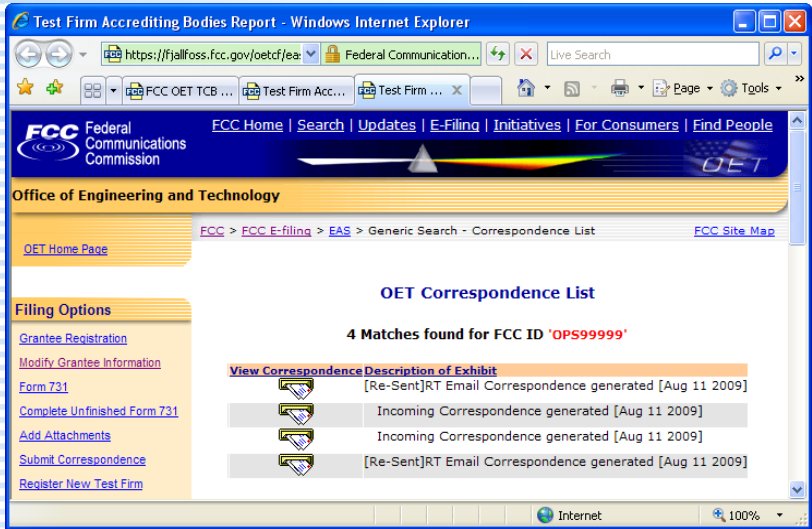


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When viewing the authorization search results and selecting view grant an image of the grant appears. The image has the copy watermark and is not an original. To print an original grant a TCB must be logged in and use the reprint grant link.



**Authorization Search Result
Correspondence View**

Test Firm Accrediting Bodies Report - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/ea/ Federal Communication... Live Search

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Federal Communications Commission

Office of Engineering and Technology

FCC > FCC E-filing > EAS > Generic Search - Correspondence List

OET Home Page

Filing Options

- Grantee Registration
- Modify Grantee Information
- Form 731
- Complete Unfinished Form 731
- Add Attachments
- Submit Correspondence
- Register New Test Firm

OET Correspondence List

4 Matches found for FCC ID 'OPS99999'

View Correspondence	Description of Exhibit
	[Re-Sent]RT Email Correspondence generated [Aug 11 2009]
	Incoming Correspondence generated [Aug 11 2009]
	Incoming Correspondence generated [Aug 11 2009]
	[Re-Sent]RT Email Correspondence generated [Aug 11 2009]

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When viewing the authorization search results and selecting view correspondence a list of correspondence sent out by the FCC and any replies submitted appears. Each correspondence may be viewed by clicking the link for the specific correspondence under the view correspondence column header. Replies are indicated as “incoming” correspondences.




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The “grantee search” link allows users to search for grantee information and limit the search results thru a variety of parameters.

 **Grantee Search (cont)**

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://fjallfoss.fcc.gov/tcb/index.html

Federal Communications Commission

Live Search

FCC OET TCB Electronic Filing Site

Reports

- [Pending Application Status](#)
- [TCB Designating Authority List](#)
- [Test Firm Accrediting Bodies](#)
- [TCB Search](#)
- [Authorization Search](#)
- [Grantee Search](#)
- [Pending Grantee Search](#)
- [Test Firms](#)

Miscellaneous

- [TCB Roles and Responsibilities](#)
- [Knowledge Database](#)

Grantee Contact Information:

First Name:

Middle Name:

Last Name:

Title:

Telephone Number:

Extension:

Fax Number:

E-mail Address:

Mail Stop:

Show Records at a Time

Internet 100%

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When all of the grantee search parameters are entered click the “start search” button to initiate the search.



Grantee Search Results

253 Grantees Were Found That Match the Search Criteria:
State: **Maryland**

Displaying records 1 through 10 of 253.

Attachments & Correspondence	Grantee Code	Grantee Name	Mailing Address	P.O. Box	City	State	Country	Zip	Contact	Date received
	ABE	Penril DataComm	a Div of Penril Corp 1300 Quince Orchard Blvd.	N/A	Gaithersburg	Maryland	United States	20878	Thomas	04/14/1998
	AD7	Betco Electronics Inc	15504 Old Columbia Pike	N/A	Burtonsville	Maryland	United States	20866	N/A	04/14/1998
	AE7	Cray Communications Inc	9020 Junction Drive	N/A	Annapolis Junction	Maryland	United States	20701	P Treynor	04/14/1998
	AEY	Microcom Design Inc	10948 Beaver Dam Road Suite C	N/A	Cockeysville	Maryland	United States	21030	Tracy Grogg	04/14/1998
	AN2	Syntech Corporation	11810 Parklawn Dr	N/A	Rockville	Maryland	United States	20852	N/A	04/14/1998
	APR	Nationwide Flashing Signals System	10713 Gregory St PO Box 6146	N/A	Silver Springs	Maryland	United States	20906	N/A	04/14/1998
	ASA	Stanwood Electronics Inc	9421 Georgia Ave	N/A	Silver Spring	Maryland	United States	20910	N/A	04/14/1998
	AXN	Universal Security Instruments Inc	10324 S Dolfeld Rd	N/A	Owings Mills	Maryland	United States	21117	Kenneth DeWitt	04/14/1998
	B4T	Denro Inc	9318 Gaither Road	N/A	Gaithersburg	Maryland	United States	20877	N/A	04/14/1998
	B74	M/A COM MAC Inc	1350 Picard Drive	N/A	Rockville	Maryland	United States	20850	R Schipani	04/14/1998

[Show Next 10 Rows](#)
[Perform Another Grantee Search](#)

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When the “start search” button is clicked and the search parameters limit the results to grantees in Maryland, the search parameters are indicated above the search results.

Results columns are sortable by clicking on column headers.

Browsers newer than Microsoft IE 5 and Netscape Navigator 7 allow columns to be sorted more efficiently and are recommended.

Attachments and correspondence for grantees are viewable by clicking the links under the “Attachments and Correspondence” column header. Attachments for grantees are typically related to name change requests.

Pending Grantee Search

FCC OET Pending Grantee Search - Windows Internet Explorer

https://fjallfoss.fcc.gov/oetcf/eas/repoi... Federal Communications Commission Live Search

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

FCC > FCC E-filing > EAS > Pending Grantee Search

Filing Options

- [Grantee Registration](#)
- [Modify Grantee Information](#)
- [Form 731](#)
- [Complete Unfinished Form 731](#)
- [Add Attachments](#)
- [Submit Correspondence](#)
- [Register New Test Firm](#)
- [Renew Test Firm/Add Exhibits](#)
- [Test Firm Accrediting Body](#)

Enter the following information:

Grantee Code Registration Number: *


Grantee Code: *

[Don't know your Grantee Code Registration Number? Click here to find out how to obtain it.](#)

* - Indicates that this field must be completed before the proceeding.

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Enter a grantee code registration number and grantee code and click the search button to review a pending grantee change request.



Pending Grantee Search Result

Grantee Registration

Modify Grantee Information

Form 731

Complete Unfinished Form 731

Add Attachments

Submit Correspondence

Reorder New Test Firm

Renew Test Firm/Add Exhibits

Test Firm Accreditation Body List

Return to 155 Form

Accreditation Grant Deferral

Date

Change Speed Term

Change TCB

Reports

Pending Application Status

Authorization Search

Grantee Search

Pending Grantee Search

TCR Search

Test Firms

Test Firm Accreditation Bodies

Equipment Class/Rule Part List

Miscellaneous

Get FRN

Sourcecode Database

User's Manual

Get Software

FAQ

Current Information on file for **FCC Laboratory Test Grantee**

Reason(s) for modification request

Received	2005-04-06 14:30:23.826
Administrative Review	2005-04-06 14:35:01.073
Rejected	2005-04-07 13:58:25.033
Routine Change Approved	2005-04-07 14:00:14.01
Routine Change Approved	2005-08-04 12:02:19.51
Received	2005-08-04 12:05:37.303
Administrative Review	2005-08-04 12:10:01.423
Approved	2005-08-04 13:01:26.643
Approved	2005-08-04 13:01:29.033
Deferred	2005-08-04 13:05:01.426
Approved	2005-08-08 15:55:18.793
Approved	2005-08-09 08:44:05.763
Approved	2005-08-09 08:45:26.46
Deferred	2005-08-09 13:05:46.01
Deferred	2005-08-09 13:06:03.64
Deferred	2005-08-09 13:06:44.073
Approved	2005-08-09 13:07:06.076
Received	2006-02-14 14:15:57.873
Administrative Review	2006-02-14 14:20:01.563
Approved	2006-02-14 15:04:17.626
Received	2006-02-14 15:06:17.59
Approved	2006-02-14 15:07:48.29
Deferred	2006-03-01 11:39:28.943
Deferred	2006-03-01 11:41:39.386
Deferred	2006-03-01 11:47:23.69
Received	2006-06-29 16:50:39.453
Administrative Review	2006-06-29 16:55:00.826
Requested Administrative Information	2006-06-29 17:11:45.836
Administrative Review	2006-06-29 17:14:29.556
Requested Administrative Information	2006-06-29 17:20:39.88
Administrative Review	2006-06-29 17:22:11.323
Deferred	2006-06-30 08:16:43.153
Deferred	2006-06-30 08:18:08.563
Approved	2006-06-30 08:19:15.456
Approved	2006-06-30 08:21:36.71
Approved	2006-06-30 09:13:28.676
Received	2006-07-03 07:48:53.953
Administrative Review	2006-07-03 07:50:02.013
Requested Administrative Information	2006-07-03 07:53:53.326

FCC Registration Number(FRN): 0005072848

Status: Approved

Mailing Address:
Line one: 7435 Oakland Mills Rd
Line two: N/A
P.O. Box: N/A
City: Columbia
State: Maryland

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When a valid combination of grantee code and grantee code registration number are entered, the pending information, current information, status, and reason for change may be viewed.



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The “test firms” link allows users to search for test sites that are registered pursuant to 47CFR 2.948 or accredited and recognized by the FCC. Search parameters may be used to limit the returned results.

Enter the search parameters and click “start search” to initiate a search

Test Firm Search Results

3 Test Firms Were Found That Match the Search Criteria:
 State: **Maryland** Test Firm Type: **Accredited**

Displaying records 1 through 3 of 3.

Display	Firm Name	Location	Accreditation	MRA Designation	Expiration	Contact	Contact Title	Address	P.O. Box	City	State	Zip
Display Exhibits Correspondence	MET Laboratories, Inc.	Baltimore, MD	American Association for Laboratory Accreditation	N/A US1052	01/31/2011	Jon Fullman	N/A	914 West Patuxent Avenue	N/A	Baltimore	Maryland	21201
Display Exhibits Correspondence	ACTEST Engineering Laboratory, Inc.	Columbia, MD	American Association for Laboratory Accreditation	N/A US1113	05/31/2010	Randy Ontanez	N/A	6660-B Dobbin Road	N/A	Columbia	Maryland	21111
Display Exhibits Correspondence	Washington Laboratories, Ltd.	7560 Lindbergh Drive, Gaithersburg, MD	American Association for Laboratory Accreditation	N/A US1111	03/31/2010	Steve Ferguson	Technical Manager	7560 Lindbergh Drive	N/A	Gaithersburg	Maryland	20878

[Perform Test Firm Search Again](#)

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Searching for Accredited test firms in Maryland returns the above results.

The test firm search results are sortable by clicking on the column headers.

Browsers newer than Microsoft IE 5 and Netscape Navigator 7 allow columns to be sorted more efficiently and are recommended.

Exhibits and correspondence related to the test firm may be viewed by clicking on the specific links for each return result. Clicking on the link under the Firm name column will show a list of Form 731 applications associated with the test firm.



Test Firm Search Results Display Exhibits

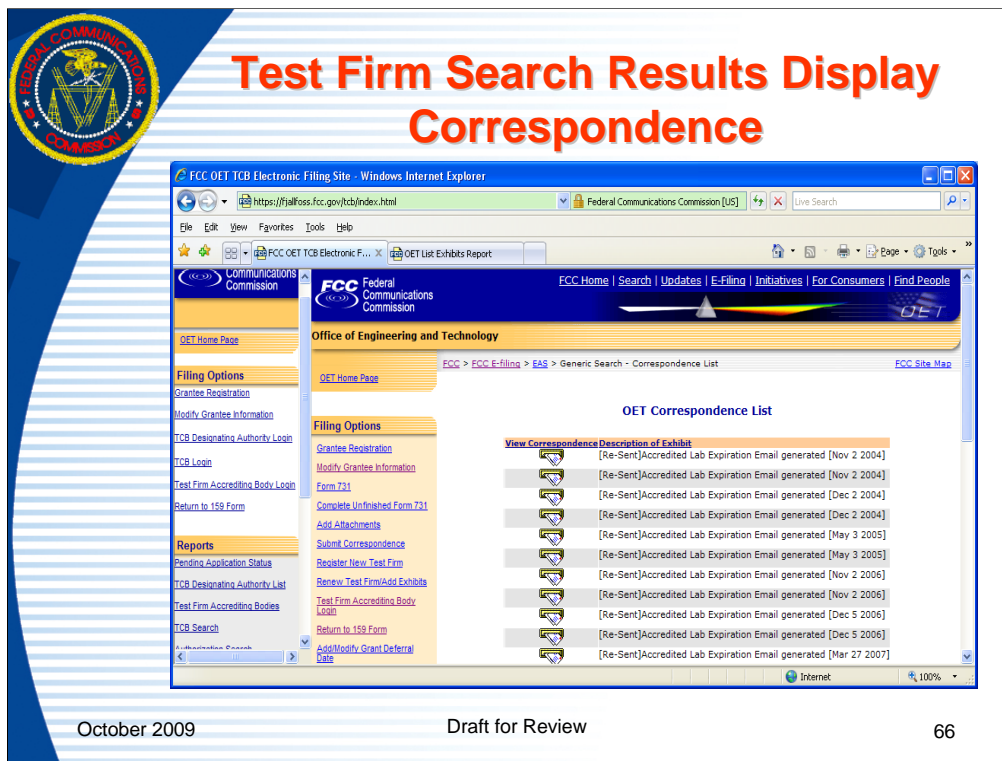


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When viewing test firm search results and clicking on the link for exhibits, the exhibits list page opens. Exhibits may be viewed by clicking on the link under the “view attachment” column header.



Test Firm Search Results Display Correspondence

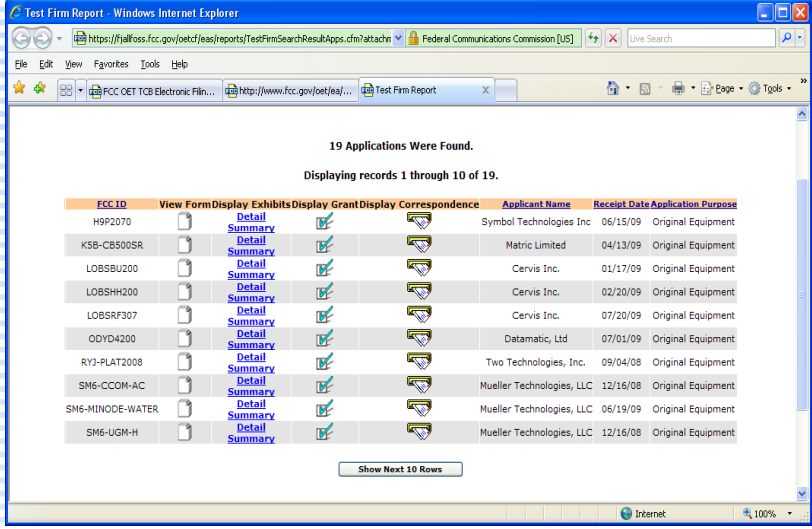
The screenshot shows the FCC OET TCB Electronic Filing Site in a Windows Internet Explorer browser. The page title is "Test Firm Search Results Display Correspondence". The browser address bar shows the URL: <https://hfafoss.fcc.gov/tcb/index.html>. The page features the FCC logo and navigation links for FCC Home, Search, Updates, E-Filing, Initiatives, For Consumers, and Find People. The main content area is titled "OET Correspondence List" and displays a list of correspondence items. Each item includes a "View Correspondence Description of Exhibit" link and a description of the correspondence, such as "[Re-Sent] Accredited Lab Expiration Email generated [Nov 2 2004]".

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When viewing test firm search results and clicking on the link for display correspondence, the correspondence list opens. Correspondences may be viewed by clicking on the link under the “view correspondence” column header.



Test Firm Search Results Associated Applications

19 Applications Were Found.
Displaying records 1 through 10 of 19.

FCC ID	View Form	Display Exhibits	Grant Display	Correspondence	Applicant Name	Receipt Date	Application Purpose
H9P2070	Detail	Summary			Symbol Technologies Inc	06/15/09	Original Equipment
K5B-CB500SR	Detail	Summary			Matric Limited	04/13/09	Original Equipment
LOB5BU200	Detail	Summary			Cervis Inc.	01/17/09	Original Equipment
LOB5HH200	Detail	Summary			Cervis Inc.	02/20/09	Original Equipment
LOB5RF307	Detail	Summary			Cervis Inc.	07/20/09	Original Equipment
ODYD4200	Detail	Summary			Datamatic, Ltd	07/01/09	Original Equipment
RYJ-PLAT2008	Detail	Summary			Two Technologies, Inc.	09/04/08	Original Equipment
SM6-CCOM-AC	Detail	Summary			Mueller Technologies, LLC	12/16/08	Original Equipment
SM6-MINODE-WATER	Detail	Summary			Mueller Technologies, LLC	06/19/09	Original Equipment
SM6-UGM-H	Detail	Summary			Mueller Technologies, LLC	12/16/08	Original Equipment


[Show Next 10 Rows](#)

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When viewing test firm search results and clicking on the link for Firm name, a list of Form 731 applications associated with the test firm are returned.



TCB Pre Login Framebar Miscellaneous Group

- TCB Roles and Responsibilities
- Knowledge Database
- TCB Exclusion List
- Get FRN
- User's Manual
- Get Software
- TCB FAQ's

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The “TCB Roles and Responsibilities” link information provides guidance to TCBs with regard to what the FCC expects from them.

The Knowledge Database link takes users to the FCC KDB website where policies and procedures related to equipment authorization are publicized. If an answer to a specific question can't be found an inquiry can be submitted.

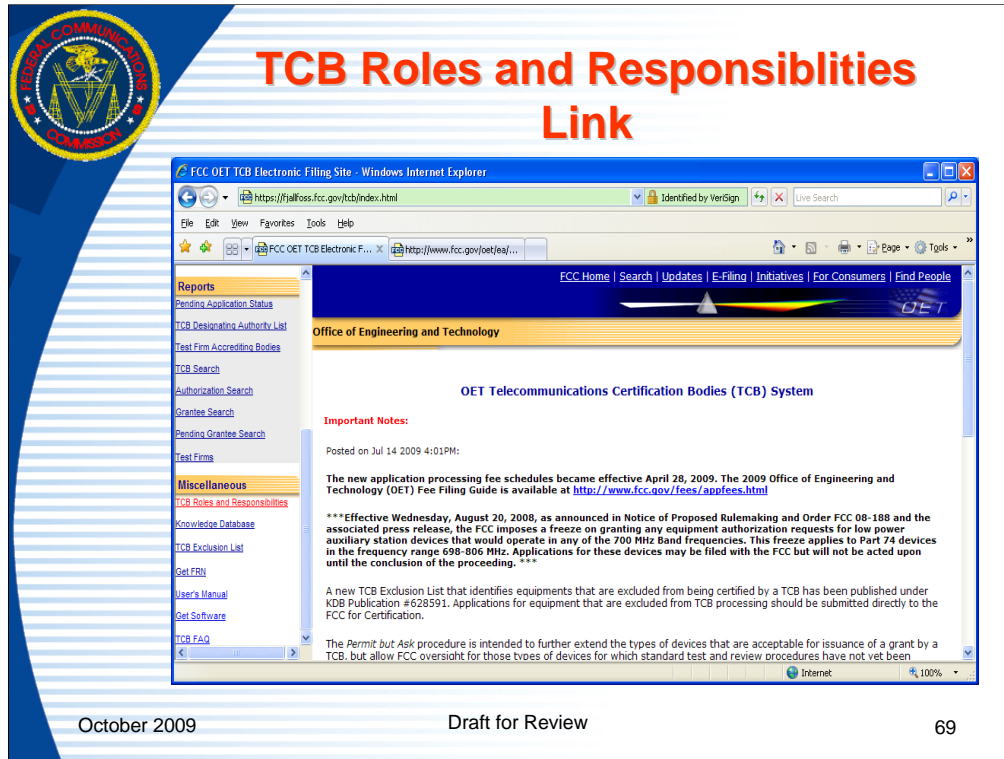
The “TCB exclusion List” link identifies what type of devices that a TCB may not authorize.

The “Get FRN” link sends users to a link to obtain or search for an FCC Registration Number on the FCC Commission Registration System web page.

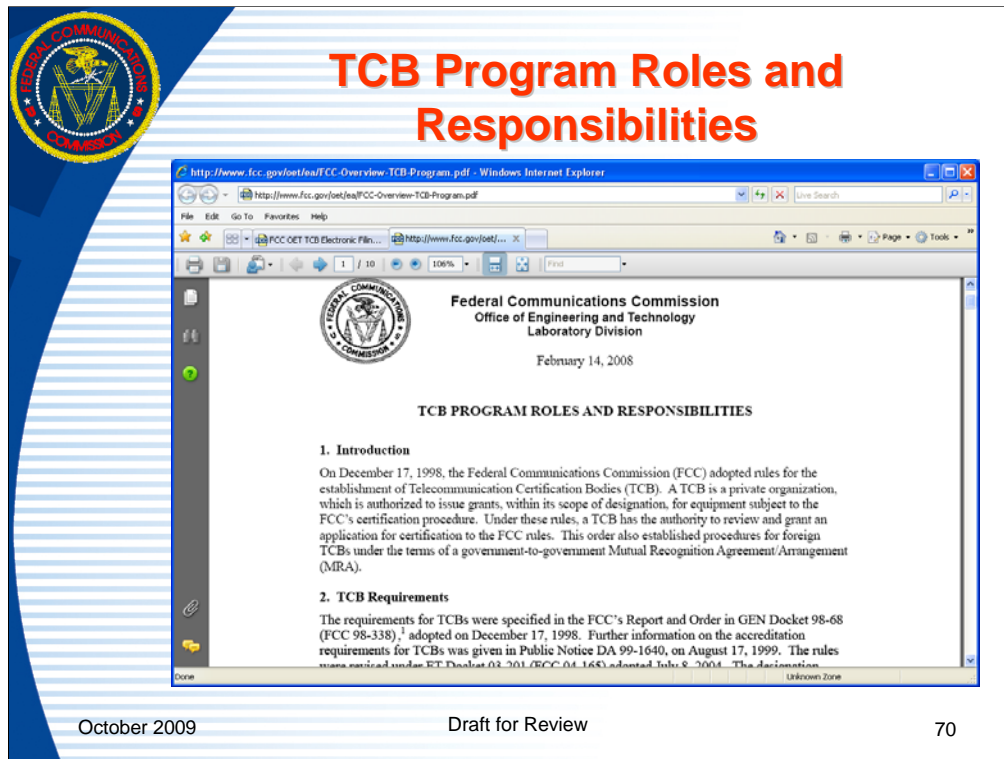
The “users manual” link will allow users to view or download a PDF copy of the Users Manual.

The “get software” link provides links to Adobe, Netscape, and Microsoft's web sites so that freeware versions of software used to view and interact with the system can be downloaded.

The “TCB FAQ” link is a list of Frequently Asked Questions. It is updated as necessary as new issues arise. The date of the last update is shown on the “Notice” section of the main page.



The TCB Roles and responsibilities link is on the left frame bar in the Miscellaneous group of links.

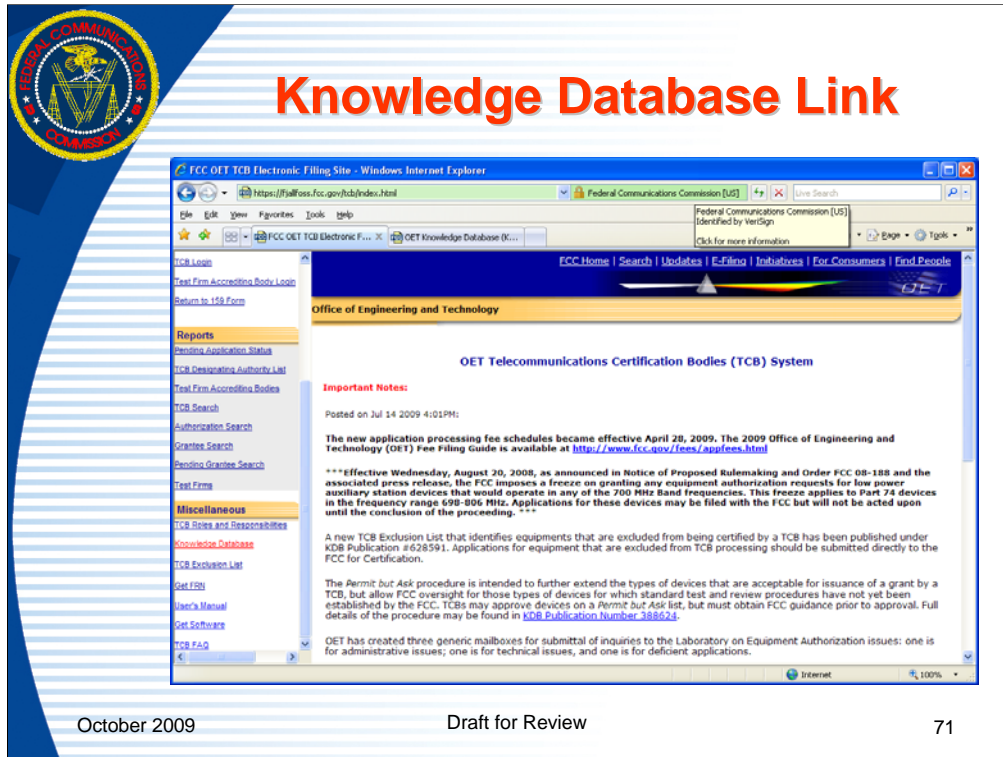


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The "TCB Roles and Responsibilities" link information provides guidance to TCBs with regard to what the FCC expects from them.



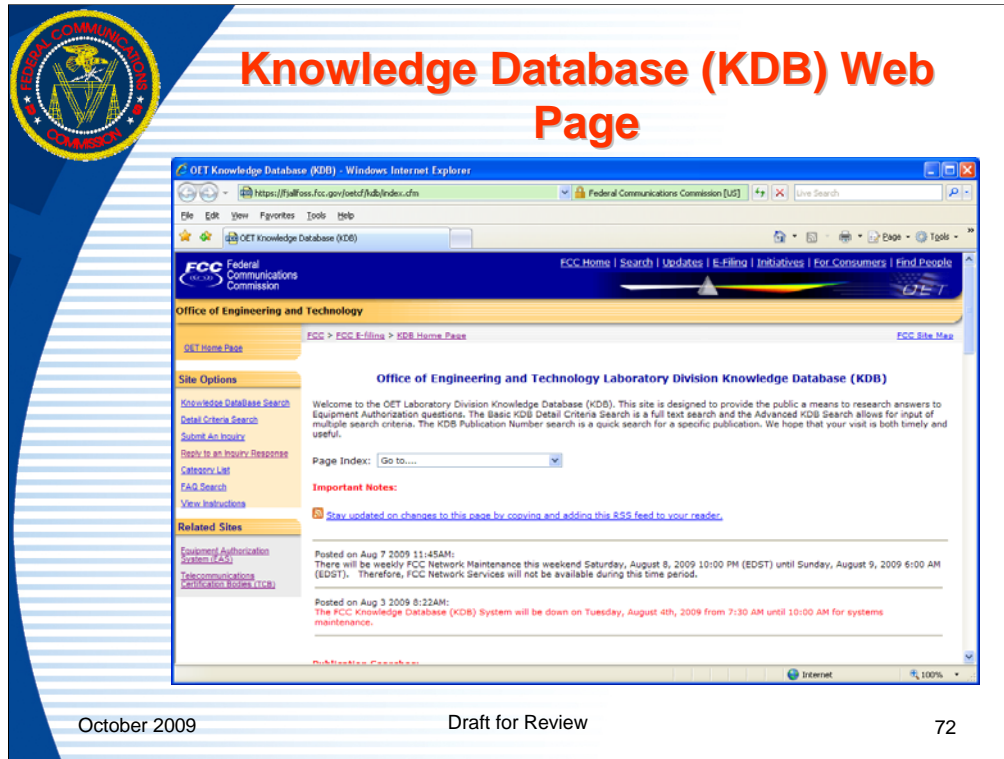
The screenshot displays the FCC OET TCB Electronic Filing Site in a Windows Internet Explorer browser window. The address bar shows the URL <https://hfaffoss.fcc.gov/tcb/index.html>. The page features the FCC logo in the top left corner and a large red heading "Knowledge Database Link" at the top center. The left frame bar contains a "Miscellaneous" group of links, including "Knowledge Database". The main content area, titled "Office of Engineering and Technology", displays the "OET Telecommunications Certification Bodies (TCB) System" page. This page includes "Important Notes" dated July 14, 2009, regarding application processing fee schedules and a freeze on granting equipment authorization requests for low power auxiliary station devices in the 700 MHz Band. It also mentions a new TCB Exclusion List published under KDB Publication #628591 and the "Permit but Ask" procedure for device certification.

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The Knowledge Database link is on the left frame bar in the Miscellaneous group of links.



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The KDB Web page has links for:

The “Knowledge Database Search” allows a full text search of KDB publications to be performed. At this time the search does not search the contents of attachments associated with publications.

The “Detail Criteria Search” allows a search of the database on a variety or combination of specific parameters.

The “Submit an Inquiry” link allows for a specific question to be sent to the FCC. Some minimal contact information is required with the submission. If the submission is categorized using the three level category system the inquiry will be automatically assigned to the next available reviewer.

The “Reply to an Inquiry Response” link allows a user that has received a response to an inquiry reply back to that response with additional information.

The “Category List” link shows a list of the category system that the FCC uses to assign and group inquiries.

The “FAQ Search” link lists publications that have been identified as being commonly asked.

The “View Instructions” link opens a PDF version of the Inquiry and Publications System Users Manual.

The non frame bar portion of the page:

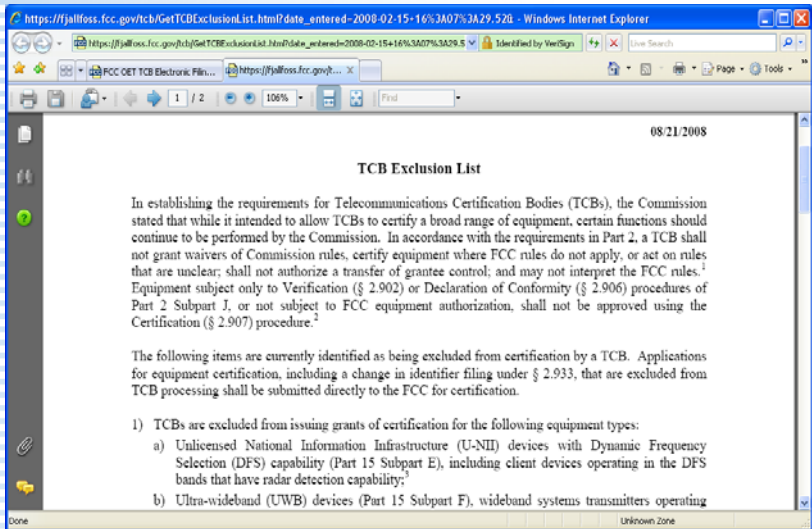
Has a page index pull down that allows a specific section of the page to be accessed quickly.

Has an RSS feed link for signing up for notification

Has search boxes to enter and search for a specific text or publication number



The TCB Exclusion List link is on the left frame bar in the Miscellaneous group of links.



The screenshot shows a web browser window displaying the "TCB Exclusion List" page. The page title is "TCB Exclusion List" and the date is "08/21/2008". The content includes a paragraph explaining the Commission's intent to allow TCBs to certify a broad range of equipment, followed by a list of items currently excluded from certification by a TCB. The list includes:

- 1) TCBs are excluded from issuing grants of certification for the following equipment types:
 - a) Unlicensed National Information Infrastructure (U-NII) devices with Dynamic Frequency Selection (DFS) capability (Part 15 Subpart E), including client devices operating in the DFS bands that have radar detection capability;
 - b) Ultra-wideband (UWB) devices (Part 15 Subpart F), wideband systems transmitters operating

The page also features the Federal Communications Commission logo in the top left corner.

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The TCB exclusion list identifies products or groups of products that may not be approved by TCBs. It is updated when exclusions need to be added or removed.

Get FRN Link

FCC OET TCB Electronic Filing Site - Windows Internet Explorer

https://efiling.fcc.gov/etcb/index.html

Identified by VeriSign

FCC Home | Search | Updates | E-Filing | Initiatives | For Consumers | Find People

Office of Engineering and Technology

OET Telecommunications Certification Bodies (TCB) System

Important Notes:

Posted on Jul 14 2009 4:01PM:

The new application processing fee schedules became effective April 28, 2009. The 2009 Office of Engineering and Technology (OET) Fee Filing Guide is available at <http://www.fcc.gov/fees/ospfees.html>

*** Effective Wednesday, August 20, 2008, as announced in Notice of Proposed Rulemaking and Order FCC 08-188 and the associated press releases, the FCC imposes a freeze on granting any equipment authorization requests for low power auxiliary station devices that would operate in any of the 700 MHz Band frequencies. This freeze applies to Part 74 devices in the frequency range 690-806 MHz. Applications for these devices may be filed with the FCC but will not be acted upon until the conclusion of the proceeding. ***

A new TCB Exclusion List that identifies equipments that are excluded from being certified by a TCB has been published under KDB Publication #620591. Applications for equipment that are excluded from TCB processing should be submitted directly to the FCC for Certification.

The Permit but Ask procedure is intended to further extend the types of devices that are acceptable for issuance of a grant by a TCB, but allow FCC oversight for those types of devices for which standard test and review procedures have not yet been established by the FCC. TCBs may approve devices on a Permit but Ask list, but must obtain FCC guidance prior to approval. Full details of the procedure may be found in KDB Publication Number 308624.

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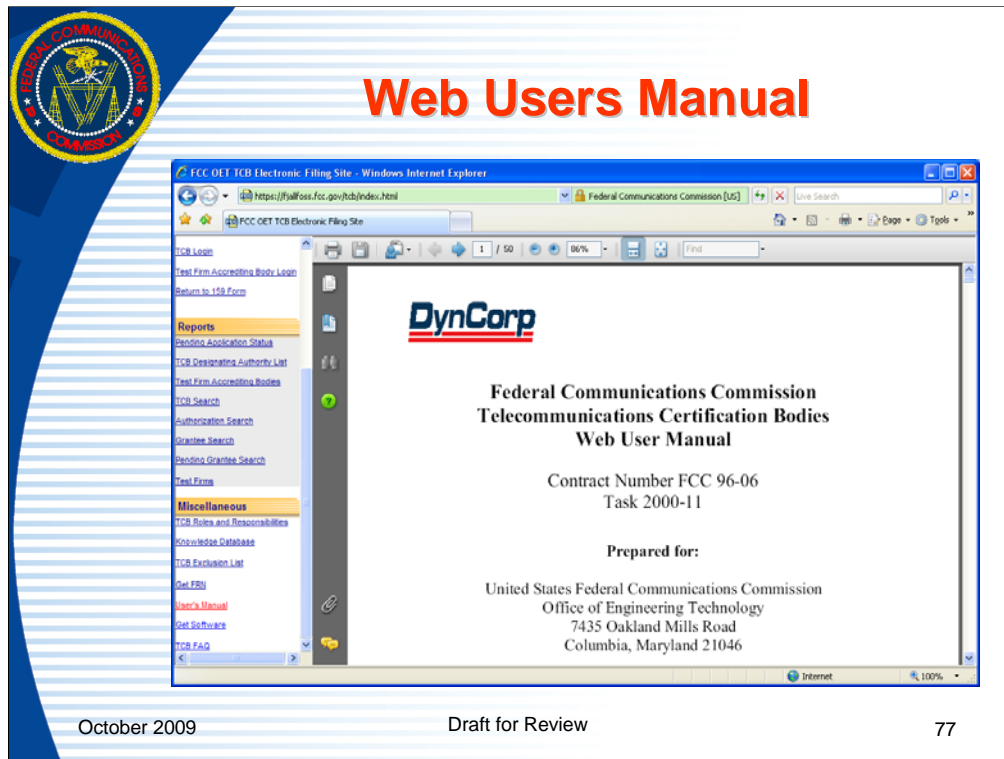
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Clicking on the “get FRN” link will take users to the FCC Registration page which allows users to get, update or search on FCC Registration Numbers (FRN)s.



The FCC Registration Number web page has links for registering, updating or search for an FRN. Modifying an FRN associated with a Grantee Code on the FRN web page does not modify the information associated with the Grantee Code in the Equipment Authorization System.



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Clicking on the "Users Manual" link opens a PDF version of the TCB Website User Manual. The manual was last revised in July 2001 and is in need of updates. Additional help information can be found by clicking on the links on the webpages.

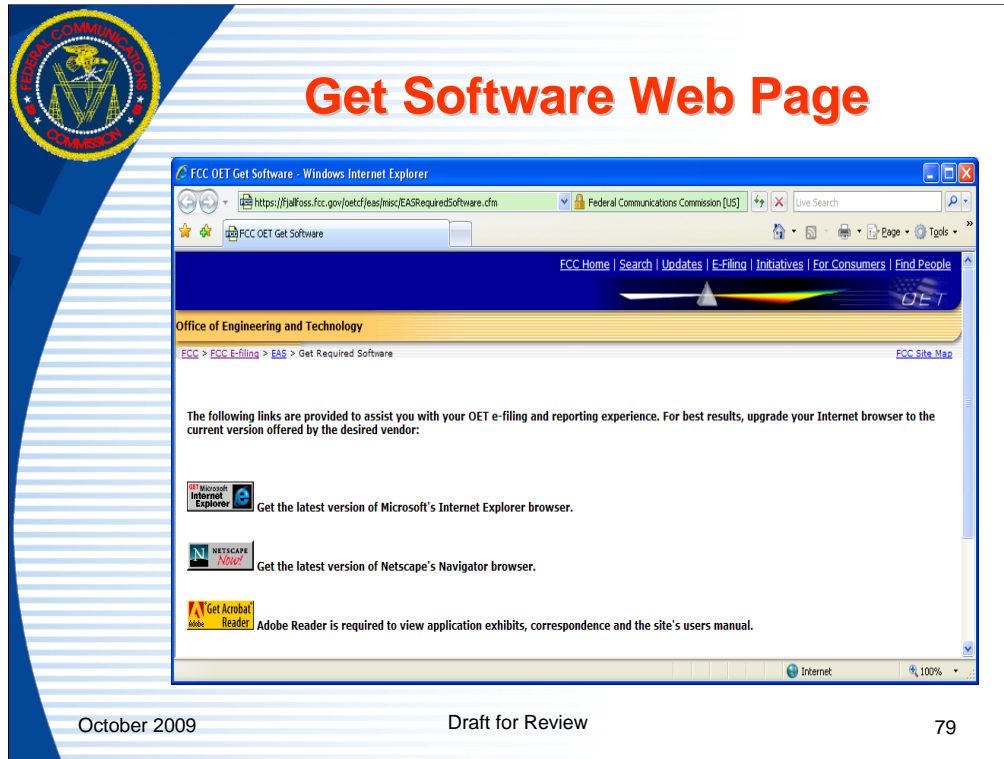
Get Software Link

October 2009

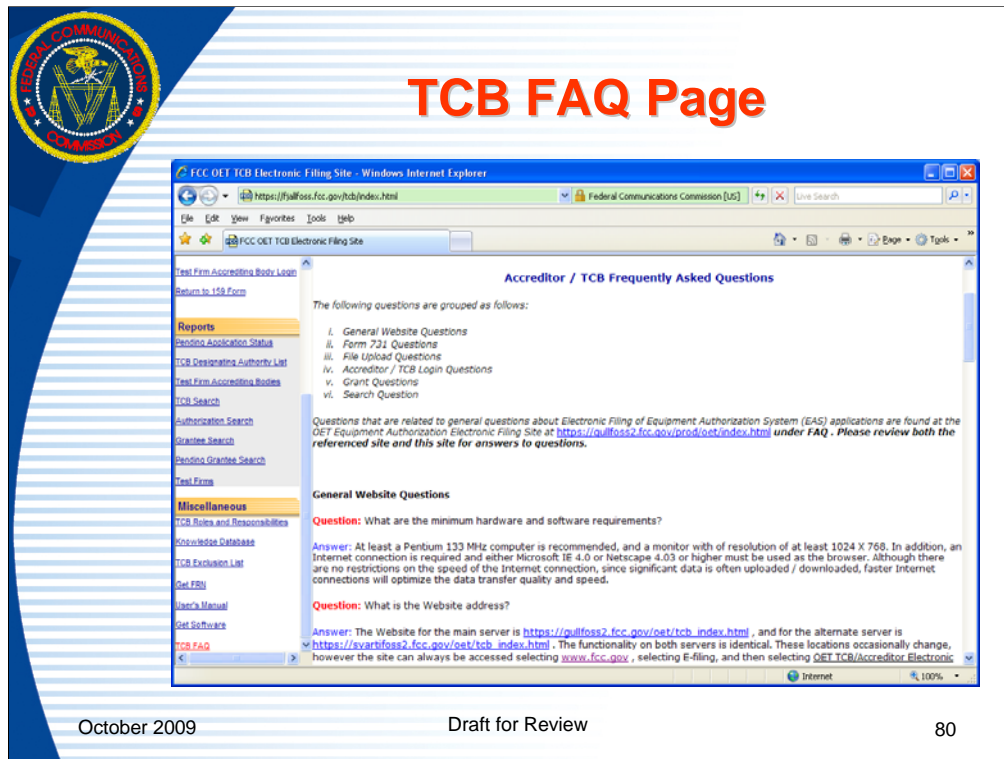
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The “Get Software” link is on the left side of the page on the frame bar in the miscellaneous section.



The “get software” page provides links to the web pages for Internet Explorer, Netscape and Adobe Acrobat Reader where users can download a freeware version of the software.



Clicking the “TCB FAQ” link returns a list of questions commonly asked about TCB related processes and procedures.




Electronic Filing Issues

- Tips for Quick Response
 - Provide a clear concise description of the issue and steps leading up to it with as many details as possible.
 - Enough information should be provided that the FCC can repeat the problem/process without having to request additional information.
 - In addition to description submit screen shots of the error message and web page preceding the error page.
 - Only submit question to one person/mailbox at FCC.
 - If sending to multiple address use the CC option and send as one email to reduce duplication of effort at FCC and speed response.
 - Contact EASADMIN@FCC.GOV with issues.

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When a problem is encountered with the Internet site it is very common for users to send an email to the FCC indicating that there is a problem but not indicating what the problem is. All e-mails submitted should include all information necessary to repeat the problem and the exact text of the error message along with a description of the steps that led up to the error message being received. A screen shot of the error message and the page preceding the error message is preferred.



**For Questions Contact
EASADMIN@FCC.GOV**

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