TOWER CONSTRUCTION
NOTIFICATION SYSTEM ENHANCEMENTS

March 30, 2006
1:00 PM
Room 6-B516 of the Portals II Building
445 Twelfth Street, SW
Washington, DC 20554
Agenda

• Introduction
  • Presenter:
    • Dan Abeyta, Assistant Chief, Spectrum and Competition Policy Division, FCC Wireless Telecommunications Bureau

• Purpose of the Public Forum

• Enhancements: Overview and Demonstration
  • Industry
  • Tribes/NHOs
    • Presenter:
      • Diane Dupert, Program Analyst, Spectrum Management Resources & Technologies Division, FCC Wireless Telecommunications Bureau

• Questions and Answers
Purpose of the Public Forum

- To continually improve our services to the Tribes/NHOs and Industry

- To Introduce Enhancements to TCNS
  - Industry will have new options to refer a notification to the FCC for follow-up with Tribes/NHOs. This referral process includes TCNS notifications and those notifications where initial contact was made outside of TCNS.
  - Tribes/NHOs will have new reply options that include responding to one or more notifications at once and preset response text. They will have a new means of accessing the option to add language specifying preferences and procedures with the ability of using preset text. They will also have improved map interface instructions.
Industry

- Refer a TCNS Notification to the FCC where initial contact was made through TCNS
- Refer a Notification to the FCC where initial contact was not made through TCNS
Tower Construction Notification

The Commission is pleased to announce a newly developed Tower Construction Notification System. The Tower Construction Notification System is intended to increase communication — in the context of the review required by Section 106 of the National Historic Preservation Act (NHPA). It will also provide Tribes and Historic Preservation Officers with early notification of proposed towers in order to facilitate compliance with the Commission’s rules, and streamline the review process for construction of towers and other Commission undertakings.

How the System Works

Tower construction notification allows companies to voluntarily submit notifications of proposed tower constructions to the FCC. The Commission subsequently provides this information to federally-recognized Indian Tribes, Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs), and allows them to respond directly to the companies if they have concerns about a proposed construction.

- Select to view a list of all federally-recognized Indian Tribes, Alaska Native Villages (collectively "Tribes") and Native Hawaiian Organizations (NHOs) who have defined their geographic preferences for receiving notifications through the Tower Construction Notification System (TCNS). The City and State of the Seat of Government for the Tribes and NHOs is also listed. Please note that Tribes may have Section 106 cultural interests in other locations.

In the case of Tribes located in Alaska, the Commission has programmed TCNS to provide these Tribes with notifications only for towers to be located throughout the State of Alaska, unless the Tribe has specified another geographic preference. Accordingly, all Tribes located in Alaska will appear on the linked list, regardless of whether the Tribe has specified its geographic preference or the Commission has programmed the Tribe for Alaska. If you are proposing to construct a tower in Alaska, you should contact Commission staff for guidance."

View Tribe List

Industry accesses the system by clicking on the NOTIFY button

Online Systems

- LOG IN: Login if you receive FCC notifications of proposed tower construction.

- NOTIFY: Notify Tribes and Historic Preservation Officers of your plans to build a tower. Note: Notification does NOT replace Section 106 consultation.

For information about system access or assistance please contact the FCC.
User enters their FRN and password
Submit New Notification

Select a Notification ID to update its Status.

List of Notifications

<table>
<thead>
<tr>
<th>Notification ID</th>
<th>Status</th>
<th>Date Submitted</th>
<th>Date Notice Sent to Tribes/NHOs</th>
<th>Referral</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Notification ID#]</td>
<td>[status]</td>
<td>[date submitted]</td>
<td>[date notice sent to entities]</td>
<td></td>
</tr>
<tr>
<td>[Notification ID#]</td>
<td>[status]</td>
<td>[date submitted]</td>
<td>[date notice sent to entities]</td>
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<td>[status]</td>
<td>[date submitted]</td>
<td>[date notice sent to entities]</td>
<td>Refer this notification</td>
</tr>
</tbody>
</table>

Refer a Notification where initial contact was not made through TCNS.
Choosing to Refer this notification where initial contact was made through TCNS.
The Tribes/NHOs listed below were initially notified of this proposed tower construction.

Select the Tribes/NHOs who have not responded

<table>
<thead>
<tr>
<th>Tribe/NHO Name</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>[Tribe/NHO Name]</td>
<td>This Tribe/NHO has indicated that no response means they have no interest.</td>
</tr>
<tr>
<td>[Tribe/NHO Name]</td>
<td>This Tribe/NHO has not set their geographic preferences on TCNS.</td>
</tr>
<tr>
<td>[Tribe/NHO Name]</td>
<td>This Tribe/NHO has indicated that no response means they have no interest.</td>
</tr>
<tr>
<td>[Tribe/NHO Name]</td>
<td>This Tribe/NHO submitted a response to your notification through TCNS.</td>
</tr>
<tr>
<td>[Tribe/NHO Name]</td>
<td></td>
</tr>
</tbody>
</table>

Second Contact Date

Provide the date of your second contact attempting to obtain a response from Indian Tribes/NHOs about this proposed tower or antenna. If you made your second contact attempts on different dates for different Tribes/NHOs, you must submit a separate referral for each second contact date.

(DD/MM/YYYY)
The system will list all Tribes/NHOs sent this notification via email and/or letter from TCNS.

The system will specifically identify the following:

- Tribes/NHOs who have additional details indicating that no response means they have no interest.
- Tribes/NHOs who have not set geographical areas of interest on TCNS.
- Tribes/NHOs who have responded via TCNS. (The user will be able to view the reply.)

The system will not permit the user to select a Tribe/NHO that has indicated that no response means it has no interest or who has replied to a notification using TCNS.

The user will be requested to provide the Second Contact Date in their attempt to obtain a response from the Tribes/NHOs.
The Referral Summary Page allows the user to review the information provided in the original notification and their referral. They can go back and edit the Selected Tribes/NHOs or the Second Contact Date provided or continue to complete the submission of the referral.
The Referral Confirmation Page. The system acknowledges successful receipt of the referral.

An email confirmation will also be sent by the system that includes all of the referral information as displayed on the previous summary page.
Choosing to Refer a Notification where initial contact was not made through TCNS.
This page requests contact information for the individual or entity referring a proposed tower construction where initial contact was not made through the Tower Construction Notification System. Click on 'Continue' to go to the next page to provide details of the proposed antenna structure.

<table>
<thead>
<tr>
<th>Field</th>
<th>Details</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>This structure is being proposed by</strong> (all fields required)</td>
<td></td>
</tr>
<tr>
<td><strong>Enter Individual OR Entity Name</strong></td>
<td></td>
</tr>
<tr>
<td><strong>First</strong></td>
<td></td>
</tr>
<tr>
<td><strong>MI</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Last</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Suffix</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tower Owner Name:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Tower Owner Entity:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Consultant Name:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>PO Box:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Street Address:</strong></td>
<td></td>
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<tr>
<td><strong>City:</strong></td>
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<tr>
<td><strong>State:</strong></td>
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<tr>
<td><strong>Zip Code:</strong></td>
<td></td>
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<tr>
<td><strong>Phone:</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Email:</strong></td>
<td></td>
</tr>
</tbody>
</table>

Click on 'Continue' to proceed.
Industry is requested to provide structure and site data. They can also add attachments to this request.
Refer a Notification Page (when contact has not been made through TCNS)

Refer Notification

[Notification ID]
[Proposed Tower Location]
Your proposed location is within the geographical preferences of the Tribes/NHOs listed below.

Select the Tribes/NHOs who have not responded

<table>
<thead>
<tr>
<th>Tribe/NHO Name</th>
<th>Comment</th>
</tr>
</thead>
<tbody>
<tr>
<td>[tribe/nho name]</td>
<td>This Tribe/NHO has indicated that no response means they have no interest.</td>
</tr>
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<td>[tribe/nho name]</td>
<td>This Tribe/NHO has not set their geographic preferences on TCNS.</td>
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</table>

First Contact Date

Provide the date of your first contact attempting to obtain a response from Indian Tribes/NHOs about this proposed tower or antenna. If you made your first contact attempts on different dates for different Tribes/NHOs, you must submit a separate referral for each first contact date.

[ ] (mm/dd/yyyy)

Second Contact Date

Provide the date of your second contact attempting to obtain a response from Indian Tribes/NHOs about this proposed tower or antenna. If you made your second contact attempts on different dates for different Tribes/NHOs, you must submit a separate referral for each second contact date.

[ ] (mm/dd/yyyy)
The system will assign a unique Notification ID Number to this request.

The system will determine and list the Tribes/NHOs where the proposed location lies within the geographical areas of interest they have defined in TCNS and will specifically identify:

• Tribes/NHOs who have additional details indicating that no response means they have no interest.

• Tribes/NHOs who have not set geographical areas of interest on TCNS.

The system will not permit the user to select a Tribe/NHO that has indicated that no response means it has no interest.

The user will be requested to provide the First and Second Contact Dates for their attempts to obtain a response from the Tribes/NHOs.
The Referral Summary Page allows the user to review the information provided in their request. They can go back and edit any of the information or continue to complete the submission of the referral.
The Referral Confirmation Page. The system acknowledges successful receipt of the referral.

An email confirmation will also be sent by the system that includes all of the referral information as displayed on the previous summary page.
Tribes/NHOs

- Reply to Multiple Notifications
- Add Detail Language
Tribes/NHOs access the system by clicking on the LOG IN button.

Tower Construction Notification

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Tower construction notification allows companies to voluntarily submit notifications of proposed tower constructions to the FCC. The Commission subsequently provides this information to federally-recognized Indian Tribes, Native Hawaiian Organizations (NHOs), and State Historic Preservation Officers (SHPOs), and allows them to respond directly to the companies if they have concerns about a proposed construction.

- Select to view a list of all federally-recognized Indian Tribes, Alaska Native Villages (collectively "Tribes") and Native Hawaiian Organizations (NHOs) who have defined their geographic preferences for receiving notifications through the Tower Construction Notification System (TCNS). The City and State of the Seat of Government for the Tribes and NHOs is also listed. Please note that Tribes may have Section 106 cultural interests in other locations.

In the case of Tribes located in Alaska, the Commission has programmed TCNS to provide these Tribes with notifications only for towers to be located throughout the State of Alaska, unless the Tribe has specified another geographic preference. Accordingly, all Tribes located in Alaska will appear on the linked list, regardless of whether the Tribe has specified its geographic preference or the Commission has programmed the Tribe for Alaska. If you are proposing to construct a tower in Alaska, you should contact Commission staff for guidance.

Tribes/NHOs access the system by clicking on the LOG IN button.
Tribes/NHOs Login Screen

User enters their assigned TCNS FRN and password
The Tribes/NHOs User Options Page

Tower Construction Notification
Options for Tribes/NHOs and Historic Preservation Officers

You may choose to do any of the following.

<table>
<thead>
<tr>
<th>User Options</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Reply</strong> — Reply to proposed tower or antenna structure notifications</td>
</tr>
<tr>
<td><strong>Search</strong> — Search for proposed tower or antenna structure notifications</td>
</tr>
<tr>
<td><strong>Update Contact Information</strong></td>
</tr>
<tr>
<td><strong>Update Notification Preferences</strong> — specify how you wish to receive notifications from the FCC</td>
</tr>
<tr>
<td><strong>Add Details</strong> — Add or edit language regarding your preferences and procedures to be sent to all applicants whose notifications are referred to you</td>
</tr>
<tr>
<td><strong>Choose Area(s)</strong> — specify the area(s) for which you wish to receive notifications</td>
</tr>
</tbody>
</table>

- [Graphical interface (map)]
- [Standard interface]
Choosing to use the **Reply** option
The system will display the notifications that were sent to the Tribes/NHOs in their Weekly Notice of Proposed Tower Constructions that they have not yet replied to via TCNS.

The Notification ID # is a hyperlink to the notification details.
The Notification Details page in TCNS is displayed to the Tribes/NHOs user. They can access and view any attachments submitted with the notification on this page.
The Reply to Notifications Page allows Tribes/NHOs to select multiple notifications to reply to at one time with the same reply text.
Tribes/NHOs may choose one of the pre-set responses or compose their own reply. They can also choose a pre-set response and add their own language.

They will also continue to have the reply copy options

- Send a copy of their reply to their email address
- Send a copy of their reply to the FCC TCNS email box
The Reply Summary Page allows Tribes/NHOs to review their reply. They can choose to edit their reply or continue with the submission of the reply.

The system displays the Notification ID Numbers selected, the reply text selected and any reply copy options chosen.
The system confirms the Tribes/NHOs reply submission. Tribes/NHOs may choose the Received Notifications link to submit other replies.
Tribes/NHOs may choose the Reply option again to submit a different reply for other sites
Choosing the Add Details option
The Add Preference Details page
Tower Construction Notification

Examples of Details

You may use the Details Box to convey information of your choosing to the FCC’s applicants who submit construction notifications through TCNS. For example, you may use the Details Box to inform applicants that you are not interested in participating in preconstruction review for certain types of projects. You may also convey information about your Tribe’s procedures. Examples of possible messages include:

“[Name of Tribe] is not interested in participating in pre-construction review on projects where the proposed antenna or tower will be collocated on an existing tower, building, or other structure, or where the proposed tower will be constructed on already disturbed land like a parking lot.”

“[Name of Tribe] is not interested in participating in pre-construction review on projects in Jones County west of the Black River.”

“[Name of Tribe] requests that additional contacts following initial TCNS notification be made by e-mail to [individual] at [address].”

If you have questions or would like to discuss the Details Box further, please call 202-418-0220 or send an e-mail to tribalresponse@fcc.gov.

The Examples of Details Page for the Click Here link
30-Day Language Additional Guidance
Use of the standard language specifying that a Tribe or NHO has no interest in participating in pre-construction review if it does not respond to a TCNS notification within 30 days can serve the Tribe/NHO’s interests in several ways:

1.) A Tribe/NHO can save time and resources by eliminating the burden of responding to each notification when the Tribe/NHO has no interest in a site. If the Tribe/NHO has no interest, it may simply choose not to respond to the TCNS notification, and it will not receive any further contacts about that site (or it may choose not to respond to any additional contacts it does receive).

2.) The Tribe/NHO will continue to receive initial notifications through TCNS for all proposed construction within its specified geographic area. The Tribe/NHO may respond either through TCNS, directly to the applicant, or by calling or e-mailing Commission staff if the Tribe/NHO has an interest in any proposed site.

3.) The standard language emphasizes that the Tribe/NHO must be notified immediately if archaeological properties or human remains are discovered during construction. Thus, this language can help ensure that archaeological resources or human remains are protected.

For further information, please call 202-418-0220 or send an e-mail to tribalresponse@fcc.gov.
Submitting a selection from the Add Preference Details Page
Confirmation of the preference details submitted
Choosing the Additional Details Page link
Provide additional details of tower notifications that you do not wish to review. For example, if you do not need to review towers going up along highway rights-of-way built after a certain date, you may specify this information in the text field below.

You may provide only one description for all the regions you specify. Please note that you will still receive tower notifications that fit into your specified areas of interest. Tower builders however, will receive any details you provide below and will know not to expect a response on tower notifications that fit your given description.

In order to assist you in review, you may add language specifying your preferences and procedures. This language will be sent automatically to all applicants whose notifications are referred to you. Many Tribes and NHOs have chosen language specifying that if they do not respond to a TCNS notification within 30 days, they have no interest in participating in pre-construction review for the site. You may choose to use this standard language, or you may enter a description of your own procedures and preferences. Click here for examples of possible types of language.
Examples of Details Page
Choosing to submit a description for an Additional Details preference

Provide additional details of tower notifications that you do not wish to review. For example, if you do not need to review towers going up along highway rights-of-way built after a certain date, you may specify this information in the text field below.

You may provide only one description for all the regions you specify. Please note that you will still receive tower notifications that fit into your specified areas of interest. Tower builders however, will receive any details you provide below and will know not to expect a response on tower notifications that fit your given description.

In order to assist you in review, you may add language specifying your preferences and procedures. This language will be sent automatically to all applicants whose notifications are referred to you. Many Tribes and NHOs have chosen language specifying that if they do not respond to a TCNS notification within 30 days, they have no interest in participating in pre-construction review for the site. You may choose to use this standard language, or you may enter a description of your own procedures and preferences. Click here for examples of possible types of language.
The submitted description for Additional Details preference is saved on the Choose Area(s) Page.
Add Preference Details

Select one of the following:

- **Set Preference Details**
  
  In order to assist you in reviewing, you may add language specifying your preferences and procedures. This language will be sent automatically to all applicants whose notifications are referred to you. Many Tribes and NHOs have chosen language specifying that if they do not respond to a TCNS notification within 30 days, they have no interest in participating in pre-construction review for the site. You may choose to use this standard language, or you may enter a description of your own procedures and preferences. Click here for examples of possible types of language.

  - Add the following language to be sent to applicants. Click here for more information.
  - If the applicant/tower builder receives no response from the Tribe within 30 days after notification through TCNS, the Tribe Name has no interest in participating in pre-construction review for the proposed site. The Applicant/tower builder, however, must immediately notify the Tribe in the event archaeological properties or human remains are discovered during construction, consistent with Section 2(K) of the Nationwide Programmatic Agreement and applicable law.
  - Do not add details language.

- **Additional Details**
  
  Provide additional details of tower notifications that you do not wish to review. For example, if you do not need to review towers going up along highway right-of-way built after a certain date, you may specify this information in the text field below.

  You may provide only one description for all the regions you specify. Please note that you will still receive tower notifications that fit into your specified areas of interest. Tower builders, however, will receive any details you provide below and will know not to expect a response on tower notifications that fit your given description.

  In order to assist you in reviewing, you may add language specifying your preferences and procedures. This language will be sent automatically to all applicants whose notifications are referred to you. Many Tribes and NHOs have chosen language specifying that if they do not respond to a TCNS notification within 30 days, they have no interest in participating in pre-construction review for the site. You may choose to use this standard language, or you may enter a description of your own procedures and preferences. Click here for examples of possible types of language.
The **Graphical interface (map)** option has been enhanced with improved map interface instructions.
The TCNS Graphical Map Interface allows you to choose specific areas for which you would like to receive notifications from the FCC. This map interface allows you to select a State(s) or County(s) and provides a visual display of the areas selected.

Choose the area(s) for which you wish to receive notifications

The Map Navigational Tools below enable you to customize the display of your map and select areas for which you would wish to receive notifications. Click on the desired tool to select it, then click on the large map to perform the function associated with the tool. The tool remains selected until you click on another tool. Details of the functionality of each map tool is defined in the Help.

State(s) selected
Wisconsin

Click Submit when you have chosen all desired areas.

Submit
Choose Area(s)

User Options

The TCNS Graphical Map Interface allows you to select a State(s) or County(ies) and select areas for which you would like to receive notifications from the FCC. This map interface allows you to select specific areas without needing to know the exact county name or coordinates of the location. The Graphical Map Interface also provides a visual display of the areas selected.

Benefits of the Graphical Map Interface

The TCNS Graphical Map Interface allows you to choose specific areas for which you would like to receive notifications from a map display. This allows you to select specific areas without needing to know the exact county name or coordinates of the location. The Graphical Map Interface also provides a visual display of the areas selected.

Using the Map Navigational Tools

The Map Navigational Tools, located on the right side of the TCNS graphical interface screen, enable you to customize the display of your map and select areas for which you would wish to receive notifications. Click on the desired tool to select it, then click on the large map to perform the function associated with the tool. The tool remains selected until you click on another tool.

The functionality of each map tool is defined below:

- **Zoom In**

  Decreases the coverage area of the map by a factor of two (2x). Select Zoom In and click once on the map to recenter and zoom in on an area. You may also click and drag a box around an area of the map. When you release the mouse button, the map zooms in to the selected area.

- **Zoom Out**

  Increases the coverage area of the map by a factor of two (2x). Select Zoom Out and click once on the map to recenter and zoom out on an area. The point where you click on the existing map becomes the center of the new map.

Submit when you have selected all desired areas.

SUBMIT
Conclusion
Remote attendees may send an email at http://esupport.fcc.gov/fccevents/reports/submitmsg.jsp requesting to receive the Questions and Answers document when it is released. This Inbox will be available until April 5 at 5:00 pm.

Please include your Name, Tribe/NHO or Company, Address, and Telephone Number in your email