FCC Equipment Authorization System
Redesign Overview

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Overview

Equipment Authorization System (EAS) includes:
- FCC issued grant system
- TCB issued grant system
- KDB system
- Modules to store and maintain entity info for:
  - Grantees
  - TCBs
  - Test Firms (2.948 and Accredited)
  - Designating Authorities (Test Firm and TCB)
  - Accrediting Bodies (Test Firm and TCB)
- Financial Systems interface (Cores/FRN)
Background

- Equipment Authorization System was developed over 12 years ago
  - Operational April 15, 1998
- TCB systems implemented over 10 years ago
  - Operational June 2000
- Since 1998 there have been multiple major policy/procedural changes that required software additions and continual maintenance
  - System incorporates multiple software platforms
    - Some software unsupported due to age
    - Different platforms increase maintenance and cause more operational issues.
Goals/Objectives

- Implement streamlined processes using modern software
  - Limit software platforms
  - Consistent look and feel for entire system
  - Efficient system maintenance
- Update system based on variety of policy and rule changes from last 12 years
- Integrate EAS System with other FCC systems
- Improve access and information sharing capabilities of the system
- Automate upload and administrative processes
Implementation

Issues effecting implementation:

– Finalize and resolve FCC Policies
– Require internal FCC approval for
  • Policies and Processes
  • Funding
– Public comment period if necessary
– Rulemaking maybe necessary

Hardware upgrades occurring separately
General Issues

Users on the new system will be required to have login
- Individual users will have logins
  - KDB searches and inquiry submissions may be allowed without login
- Automated password resets
  - Improved security
  - Industry accepted practices
  - Uniform process across entire FCC
  - Each user may be associated with one to many entities (TCB, Grantee, Test Firm, etc)

“To Do” list for each user showing pending activity

TCB contacts managed by administrator at TCB
- Multiple contacts allowed
General Issues (continued)

- Elimination of paper correspondence
  - Electronic signatures on documents
  - Verification of documents electronically
  - FCC issued grants sent electronically
- Final versions of users manuals may be uploaded after grant without prior FCC approval
- Equipment authorization (including KDB) file types limited to PDF and JPG
- TCB Accrediting body system access
Form 731 Format Changes

- Change from four major sections with checks at end of each section to individual questions
  - Validity checks at each question and again at end of process
  - Progress bar on side
  - Ability to respond to questions in any order

- Modifications to information after grant require TCB to click “Apply” button
  - Currently applied immediately
  - Allows multiple changes at once which increases TCB capabilities and requires less FCC intervention
  - All validity checks applied when TCB clicks “accept”
Form 731 Changes

- Validity checks based on rule parts and frequency
  - Currently based on equipment class
  - Equipment classes moved to line entry
  - Required rule parts will become more specific

- Elimination of Composite Filings
  - One grant for composites
  - Multiple equipment classes still require multiple fees for non-TCB applications
  - Historical data will remain unchanged
  - Grant image adjusted to accommodate multipage grants

- Additional Contact types may be added
  - Confidentiality contact
  - Email addresses entered twice for accuracy
Form 731 Changes (continued)

- **Permissive Change/Change FCCID**
  - Ability to select line entries and attachments from previous submissions under same FCCID
    - Confidential attachments may be excluded
  - Does submitter of Change in ID filing have original grantees permission to change ID

- **Automated uploads of grants and attachments via API / Web Services**

- **TCB ability to delete never granted applications**
Form 731 Changes (continued)

RF Exposure Info
- Does the device require RF Exposure Evaluation?
- Does the device comply with the requirements?
- Select applicable rule (2.1091, 2.1093, 1.1307)
- Enter MPE/SAR Values for
  - Head/body
  - Peak/Average
  - Frequency band

Hearing Aid Compatibility Info
- Is 20.19 applicable for device?
- Identify rating (M3, M4, M3T3, etc)
- Identify standards used (ANSI C63.19-2007)
- Identify Air interface (CDMA, TDMA, etc)
Form 731 Changes (continued)

- Microprocessor number removed
- Model number field (optional)
- New Application purpose
  - Change in ID/Permissive Change combo
- Identify TCB Reviewer
- Identify TCB Decision Maker
Other Changes

KDB
- Categories may be modified and reorganized
- Inquiry First category required
- KDB PBA process will be handled thru TCB system after permission to upload given
- KDB PBA attachments will be selectable in Form 731 attachment upload module when PBA # entered on Form 731

Grantee Codes
- Expanded from 3 to 6 characters
  • Rulemaking required
- Unpaid grantee codes will be re-used

Test Firms
- Scopes may be associated with test firms (15B, 15C, etc)
Questions and Answers

Please send comments or additional suggestions to George.Tannahill@fcc.gov