



TCB Program Administration Review

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**Federal Communications Commission
Office of Engineering and Technology
Laboratory Division**



Equipment Authorization (EA) Statistics-Grants/Grantees

- Total Certification Grants-173032
 - Last 10 years - 80422
 - Last 5 years - 51580
- Grants Last 12 months
 - 11864 (Unique FCCIDs 8093)
 - ~989 certifications/month
 - 9349 Unlicensed grants (Unique FCCIDs 6928)
 - 2515 Licensed grants (Unique FCCIDs 2318)
 - 5123 with RF Exposure data (Unique FCCIDs 3859)
 - 232 with HAC data (Unique FCCIDs 200)
- Grantees - 25616
 - 48% located outside US



EA Statistics- Most Filed Equipment Classes

● Unlicensed

- DTS
- DSS
- JBP
- DXX
- DSC

● Licensed

- PCE
- PCB
- TNB



EA Statistics- Test Labs

- 2.948 Listed Labs - 757
 - 608 outside US
- Accredited and FCC recognized - 279
 - 180 outside US
- Labs Accredited and Listed ~115
- For grants in last 12 months
 - 8502 tested at non US labs
 - 3117 tested at US labs



EA Statistics-Test Lab Top Five Countries

- 2.948 Labs
 - Japan -198
 - US -149
 - China-134
 - Taiwan-70
 - South Korea-46

- Accredited/FCC Recognized
 - US-105
 - Japan-51
 - Taiwan-42
 - South Korea-30
 - Germany-10



KDB Statistics

- Currently 236 publications
- Total inquires received by FCC in last 12 months – 4735
- Total inquiries received 2010 – 4635
– Average 387/month



TCB Market Surveillance

● KDB 610077

- <https://apps.fcc.gov/oetcf/kdb/forms/FTSSearchResultPage.cfm?switch=P&id=20540>
 - January 11, 2011 revision clarified non compliance reporting

● Surveillance Policy Summary

- Audit 5% of Scope A/B Certifications/year
- Audit 2% of Scope C approvals/year
- Audit 1% of Certifications with SAR testing/year
- Must test products
- Audits should be performed throughout the surveillance year and not all at end or after year
- Number of audits based on grants not unique FCCIDs
- % required based on grants issued in surveillance year



TCB Market Surveillance Reporting

- Non Compliance Reporting
 - Send summary to FCC easaudit@fcc.gov immediately
 - Notify Grantee immediately and determine resolution
 - Submit resolution/follow-up to FCC within 30 days
 - Submit thru “Submit Surveillance Report” link
- Annual reporting summary requirements
 - Indicate total EMC device grants and SAR device grants
 - Submit report summary for calendar year
 - Last surveillance year 01/01/2010 – 12/31/2010
 - Next surveillance year 01/01/2011 – 12/31/2011
 - File summary thru “submit Surveillance Report” link
 - Submit summary by January 31st of following year
 - % based on authorizations during surveillance year-not prior years
 - Don’t submit details of complaint surveillances (only summary)



TCB Market Surveillance Report Summary

- Total Products Audited
 - Scope A/B – $453/11454 = 3.95\%$
 - RF Exposure/SAR testing - $54/4964 = 1.08\%$
 - Non Compliant $43/453 = 9.5\%$
- General comments
 - 33 TCBs granted certifications under Scope A/B
 - 16 TCBs did not meet surveillance requirements
 - Not all required TCBs submitted surveillance info
 - Not all TCBs submitted required summary report
 - 8 TCBs found non compliance
 - 6 didn't provide complete follow up
 - Incomplete/Pending/cancelled/not provided/aborted surveillances don't count as completed
 - FCC assessing reports and will follow-up



TCB Market Surveillance Reporting Issues

● Reporting Issues

- No indication of tests performed per product
- Surveillance period issues
 - Audit samples requested in 2011 for 2010
 - No audits for last quarter of 2009
 - No indication of surveillance period
 - Surveillance not based on 2010 calendar year
- No indication of total number of SAR grants
- Submitting surveillance data for 2009 and 2011 tests
- No indication of action taken for non compliance
- Submitting non compliance reports incorrectly
 - No details and/or follow-up
- No summary or unclear summary
 - Inconsistent totals



TCB Market Surveillance Procedure Issues

- Non-compliant Annual Surveillance
 - Not testing required 5% or 1% SAR
 - Total grant count different from FCC count
 - Not testing audits - Admin review only
 - Not testing products in surveillance period
 - Counting pending/not complete audits as final
 - No easaudit@fcc.gov email for non compliance
 - Not submitting follow-up report
 - Requesting applicant test product
 - Surveillance year not 2010 calendar year



TCB Market Surveillance Conclusions

- FCC Goal – Receive complete and consistent reports that we can compare and easily determine coverage and compliance rates
- FCC expectations of TCBs
 - Reports based on proper calendar year
 - Adherence to follow-up procedures
 - No test reports submitted for compliant surveillances
 - Summaries will indicate specific tests/device
- FCC considering updating KDB 610077



FCC Website/Electronic Filing Changes

- Permanent web server/address
 - FCC: <https://apps.fcc.gov/oetcf/eas/index.cfm>
 - Formerly: <https://fjallfoss.fcc.gov/oetcf/eas/index.cfm>
 - TCB: <https://apps.fcc.gov/tcb/TcbHome.do>
 - Formerly: <https://fjallfoss.fcc.gov/tcb/TcbHome.do>
- Web-services and RSS data feeds
 - Draft Publication
 - 953436 Web Application Description Language
 - GetFCCID web-service
 - GetWhitespaceApplications web-service
 - Last comment day April 25, 2011



FCC Electronic Filing KDB Issues

- KDB Major guidance publications
 - <https://apps.fcc.gov/oetcf/kdb/reports/GuidedPublicationList.cfm>
 - Major KDBs organized by subject
 - New publications will be added as applicable
 - Major groups:
 - Application Administrative Guidance
 - Application Technical Guidance
 - Labeling/Importation
 - RF Exposure
 - TCB/Test Organizations
 - Test Methods
 - Comments/suggestions?
 - Major Subjects, Subject content, etc.



FCC Website Changes

- www.fcc.gov Redesign
 - Current site organized by Bureau
 - New site organized by topic
 - Public in next few weeks
- Equipment Authorization Redesign
 - Reviewed comments received
 - Internal Discussions
 - What changes to implement
 - What requires rulemaking or public comment
 - Infrastructure and operating platform
 - Determining impact of www.fcc.gov changes
 - Funding/programming staff



Cores NPRM

- Commission Registration System NPRM
 - FCC 10-192
 - FCC user single entry portal
 - Consolidated Licensing System (CLS)
 - Login based on FCC Registration Number (FRN)
 - Unique sub logins allowed
 - User selectable sub logins
 - “Dashboard” of pending and recent items for each login
 - Standardized password reset/first login tool
 - Equipment Authorization System (EAS)/TCB Impact
 - Equipment Authorization not included initially
 - EAS expected to incorporate some functionality



Questions and Answers

Thanks!