TCB Council Inc.

Sharing knowledge of regulatory compliance for tomorrow's wireless world

Recent activities of the TCB Council

William Graff, Emeritus Chairman

What Is a TCB?

- Telecommunications Certification Body
  - Accredited to ISO/IEC 17065 (and 17025)
  - Designated by the FCC
  - Authorized by the FCC to issue Grants of Equipment Authorization for the U.S.
  - TCB Program began in 2000
  - Today TCBs in the U.S., Europe, and Asia, issue 100% of the FCC Certifications
  - Many TCBs are also approved to issue certificates for equipment authorization in Canada

The TCB Council is an Educational Resource

- Purpose: **Sharing knowledge of regulatory compliance for tomorrow's wireless world**.

- A group created to provide a bridge between the FCC and the TCBs, test labs, and manufacturers

- Organizes and sponsors biannual Workshops

- Coordinates monthly calls between FCC and TCBs

- Creates & offers various online training sessions

- Provides input to the FCC regarding proposed Rules,   policies, KDB Publications

The TCB Council

- **Works with other regulatory groups, agencies, & industry groups, e.g., ISED (IC), MIC, KCC, NIST, ANSI, REDCA, BEIS**

- **Current composition: Personnel: 1814**
  - **TCB- 573**
  - **Associate – 1111**
  - **Government – 130**

- **TCB Company Members: 40**

- **Associate Company Members: 165**

- **Government Organizations: 16**

TCB Council Board of Directors

- Current Board elected through 2023-2025

Gregory Czumak (Chair)

Nicholas Abbondante (Vice-Chair)

Bill Graff (Treasurer)

Bruno Clavier (Secretary)

Mark Briggs

Michael Derby

Dirk Brandhorst

Steve Koster

Robert Paxman

(*next elections will be held in Spring 2025*)

❖Executive Director: Chris Harvey (non-elected, non-voting)

TCB Council Committees

- The TCBC has created Committees (open to all members) to address various needed tasks
  - Some Committees remain moderately active over extended periods of time
  - Others experience much work over a short period of time, but are only convened occasionally, as needed
  - The following is a list of TCBC Committees
  - A brief description of recent work for the active   Committees follows

Current TCB Council Committees

Bylaws Committee
C63 Standards Review Committee
Education Committee
Event Planning Committee
Finance Committee
Impartiality Committee
Module Discussion Committee
Rules and Policies Committee
Scholarship Committee
Surveillance Committee
Test/Data Reduction Committee

Bylaws Committee

- **This group is currently updating and revising the TCB Council By-Laws, including revisions to:**
  - The types of Membership available to different entities
  - The composition of, and qualifications for, the Board of Directors
  - Dealing with vacancies on the Board
  - Proposed revisions under legal review, must then be   accepted by vote of the Membership
- **Still being re-written and reviewed. Final version   must be approved by the entire TCB membership**

Education Committee

- **This group works on an ongoing basis, meeting monthly throughout each year to plan and organize the biannual TCB Workshops and other Training Sessions**
  - Plans our Agenda for the **first** and **third** days of our Workshop (second day devoted to FCC presentations)
  - Contacting and enlisting subject-matter-experts to offer presentations and participate in panel discussions on   state-of-the-art issues affecting the Membership
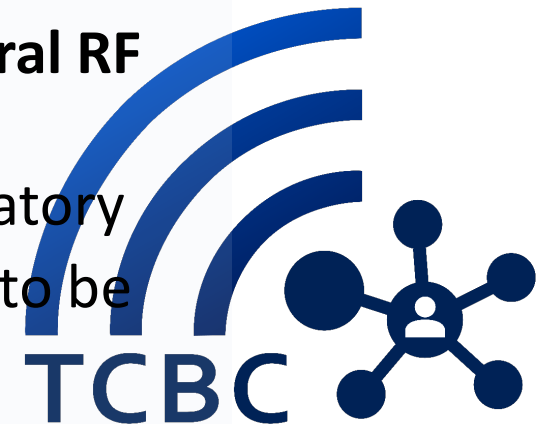
Module Discussion Committee

- **The group worked on formulating and submitting comments to the FCC Lab regarding the most recent revisions to the Modular Approval KDB Publication 996369**
  - Input from this Committee formed the basis for publication updates
  - Final version of KDB 996369 still pending with FCC
  - Our largest standing Committee with ~100 members
- **New Interpretations (October 24, 2023):**
  - D01 Modular Certification Guide
  - D02 Module Q and A

Rules and Policies Committee

- **This group worked on several sets of Comments to the FCC Laboratory as they reviewed KDB 447498(D04)Interim General RF Exposure Guidance)v01**
  - There are an array of changes made to RF Exposure Rules in 47CFR Sections 1.1307, 2.1091, and 2.1093
  - Most laboratories are already use the 'new' **Interim General RF Exposure Guidance.**
  - Officially, the new guidance is optional, and not yet mandatory
  - The old policies under 447498(D01)v06 may continue   to be used until further notice

Scholarship Committee

- This group meets for several months each year to determine the annual recipients of the TCB Council Marianne Bosley Memorial Scholarship
    - Individual scholarships of up to $5000 are available to   immediate family members of current TCB Council   members who are majoring in STEM fields   (Science, Technology, Engineering, and Mathematics)

Scholarship Committee

- **We have been awarding scholarships since 2016.**
  - 2016 – 3 scholarships
  - 2017 – 4 scholarships
  - 2018 – 4 scholarships
  - 2019 – 6 scholarships
  - 2020 – 5 scholarships
  - 2021 – 6 scholarships
  - 2022 – 7 scholarships
  - 2023 – 5 scholarships
- **Total 40 scholarships in 8 years.**
- **Maximum scholarship amount is $5000.**

Surveillance Committee

- **This group meets to comment and suggest for submittal to the FCC (and ISED) ways to enable a smoother and more effective post-Grant Market Surveillance Testing**
  - This Committee was created at a recent TCB Workshop to develop sets of Best Practices for TCBs, test labs, and manufacturers to facilitate a more efficient Surveillance Testing program

Event Planning Committee

- **This group meets during the months before any TCB Workshop to organize our social evening during the Workshop**
  - **Met extensively before our Pandemic delayed 2022 20th(+2) year Anniversary Celebration**
  - Past members of the FCC and the TCBC were honored
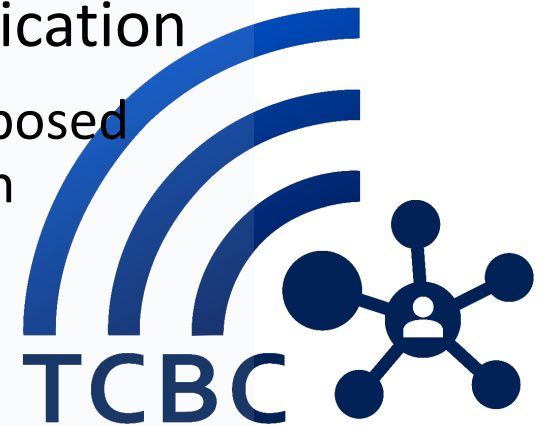 - (A good time was had by all!)

TCBC 20th Anniversary Celebration

Very Recent Activities:
FCC 22-84

- FCC 22-84 (Protecting Against National Security Threats to the Communications Supply Chain through the Equipment Authorization Program) was published in the Federal Register on February 6, 2023

- These new Rules went into effect immediately upon publication

- Also included with the Report and Order is a Further Notice of Proposed Rulemaking, asking for comments and reply comments regarding an expansion of the new Rules

Very Recent Activities:
FCC 22-84

- From the TCB's perspective, there are, primarily, 2 new Rules that immediately affect the Equipment Authorization Program:
  - The introduction of the "Covered List", listing particular types equipment manufactured by specifically identified companies for which TCBs may not issue a Grant of Certification
  - The requirement of a U.S. Agent for Service of Process located in the U.S., for each certified device
    - *The FCC recently published KDB 986446 that explains these* *new* *requirements in detail*

Very Recent Activities:
FCC 22-84

- FCC OET top management and Lab personnel met with the TCB Council Board twice in the months preceding the publication of FCC 22-84 in the Federal Register to ensure the Board's understanding of the new requirements, and to hear, from the Board, some of the issues surrounding the actual implementation of the new requirements from the TCBs' perspective
  - The Board has been working to disseminate this information regarding   the new requirements to all of the TCB Council membership: TCBs, test labs, and manufacturers

Next TCB Workshop

- **Our next TCB Council Workshop in-person or online, <mark>April 16-18, 2024</mark> in Baltimore. The 3-day program will deliver information on recent technical knowledge and industry trends.**

- **The Workshops are also offered as a real-time video conference.**

- **Look at our website for Registration:**
  - **https://www.tcbcouncil.org/**

Questions?

Questions about this presentation?

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Thank You

Gregory Czumak
TCB Council
Chairman, Board of Directors
gczumak@acbcert.com
https://www.tcbcouncil.org/