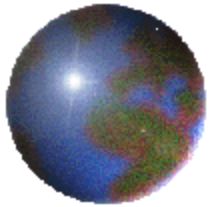


TCBC



Recent Activities of the TCB Council

Gregory Czumak

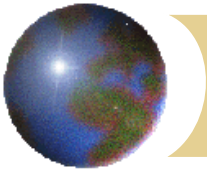
Chairman, Board of Directors

March 16, 2023



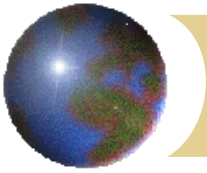
What Is a TCB?

- **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



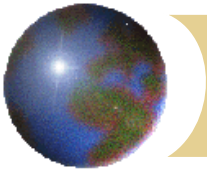
The TCB Council

- ⊕ 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, etc.
- ✦ Current composition:
 - TCB, Associate, Government Personnel: **1746**
 - TCB Company Members: **41**
 - Associate Company Members (test labs & manufacturers): **161**
 - Government Organizations: **14**



TCB Council Board of Directors

❖ Current Board elected for 2021-2023

Gregory Czumak (Chair)

Michael Derby (Vice-Chair)

Bill Graff (Treasurer)

Bruno Clavier (Secretary)

Mark Briggs

Nicholas Abbondante

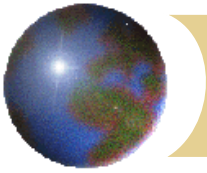
Dirk Brandhorst

Steve Koster

Robert Paxman

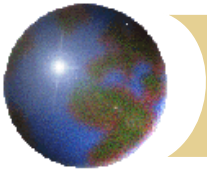
(elections being held in March 2023)

❖ 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 (those in *italics* have been active in the past year)
 - A brief description of recent work for the active Committees follows



TCB Council Committees

Bylaws Committee

C63 Standards Review Committee

Education Committee

Event Planning Committee

Finance Committee

Impartiality Committee

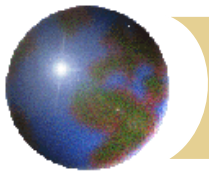
Module Discussion Committee

Rules and Policies Committee

Scholarship Committee

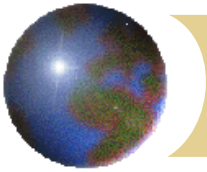
Surveillance Committee

Test/Data Reduction Discussion Committee



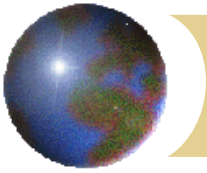
Bylaws Committee

- ✚ The group worked on 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



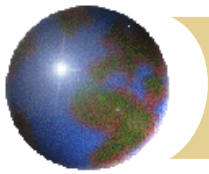
Education Committee

- The group works on an ongoing basis, meeting monthly throughout each year to plan and organize the biannual TCB Workshops and other Training Sessions
 - Planning of the Agenda for the first and third days of the 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



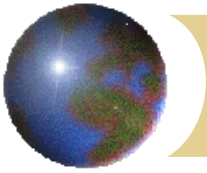
Module Discussion Committee

- ✚ The group worked on formulating and submitting comments to the FCC Lab regarding the most recent revisions to the Modular Approval KDB Publication 996369)D04)Module Integration Guide
 - Input from this Committee formed the basis for the first publication of this particular document
 - One of the largest of the Committees, with about 100 members



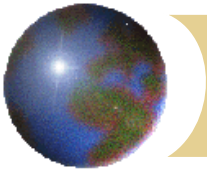
Rules and Policies Committee

- This group worked on formulating several sets of Comments for submission to the FCC Lab as they developed the newest revisions to KDB Publication 447498)D04)Interim General RF Exposure Guidance)v01)
 - These new policies address the changes made to the FCC's RF Exposure Rules found in Sections 1.1307, 2.1091, and 2.1093
 - These new policies are optional, but not yet mandatory
 - The old policies under 447498)D01)v06) may continue to be used until further notice



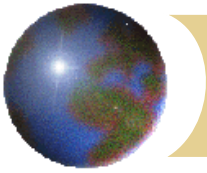
Scholarship Committee

- ✦ 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)



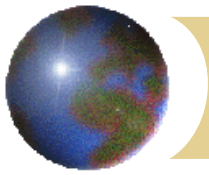
Surveillance Committee

- ✦ This group has been meeting to formulate comments and suggestions for submittal to the FCC (and ISED) regarding ways to enable a smoother and more effective process of 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



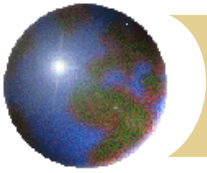
Event Planning Committee

- ✦ This group met extensively during the months before the October 2022 TCB Workshop to organize the TCB Council's 20th Anniversary Celebration, held one evening during the Workshop
 - Past members of the FCC and the TCBC were honored
 - This event had been postponed as the actual Anniversary occurred during the pandemic lockdown
 - A good time was had by all!



TCBC 20th Anniversary Celebration

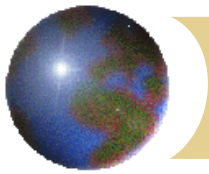




Very Recent Activities:

FCC 22-84

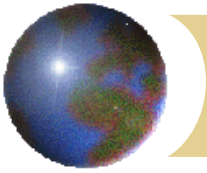
- ⊕ FCC 22-84 (Protecting Against National Security Threats to the Communications Supply Chain through the Equipment Authorization Program) was published in the Federal Register on February 6, 2023
- ⊕ These new Rules went into effect immediately upon publication
- ⊕ Also included with the Report and 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

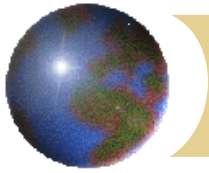
- From the TCB's perspective, there are, primarily, 2 new Rules that immediately affect the Equipment Authorization Program:
 - The introduction of the "Covered List", listing particular types equipment manufactured by specifically identified companies for which TCBS may not issue a Grant of Certification
 - The requirement of a U.S. Agent, 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

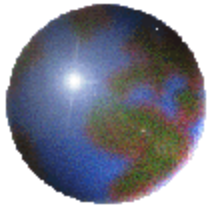


TCBC

Questions?

Questions about this presentation?

TCBC



Thank You

Gregory Czumak

TCB Council

Chairman, Board of Directors

<https://www.tcbcouncil.org/>