Technical Commission Report

Q1 of 2023

Author: Technical Commission

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Contents

Scope of the report

This report represents a detailed presentation of the activity of the Technical Commission [TEC] of FIDE in Q1 2023.

1.1. Pylons

The TEC work started from the pylons for our activity in 2022-2026 received from FIDE President:

1. Testing and setting advanced standards for equipment (boards, clocks)

2. Modernizing venue requirements

3. Developing advanced technologies for capturing games by active collaboration with companies (scoresheets, e-boards, gadgets with AI)

4. Improving broadcast technologies

5. Digitalizing FIDE services (including former agenda of SPP)

6. Digitalizing internal FIDE procedures (assisting other commissions)

7. Ensuring compatibility across technologies and e-platforms.

1.2. Work principles

In order to be efficient and performant, a set of internal procedures and principles were settled.

1.2.1. Internal Procedures

General

- Meritocracy and democracy are fundamental principles of TEC commission.

    o Meritocracy - each person's efforts will be presented and promoted through FIDE

    o Democracy - all important decisions will be decided by the majority of TEC commission.

- Active persons will have priority in choosing projects (e.g., testing products)

Organization

- TEC commission is organized in departments and workgroups. Six departments are defined inside the commission, which will be described in the 1.3. Section.

- There are 6 departments:

    o Systems of Pairings and Programs (SPP)

    o Critical TEC

    o Support

    o Development

    o Management

    o Marketing

- There are two types of workgroups:

    o Temporary workgroup - designed to solve a specific task, such as testing a new product.

    o Permanent workgroup - designed to work on different project on a specific area.

- Each department will have a responsible, called head of department.

- Each department can have workgroups.

- Every workgroup will have objectives, projects, procedures.

- Every member will be a member of at least one department and one workgroup.

- Every workgroup will have a representative, called responsible.

- The head of workgroup/department will have the following responsibilities:

  o Organizing and calling the meetings

  o Being in charge with delegation inside the department/workgroup

  o Being in charge of communication

    ▪ Inside the workgroup

    ▪ Outside the workgroup

  o If a head of department is not available, then he will assign the responsibility to another person.

- Every meeting will have a minute, which will contain the subjects discussed.

1.3. Internal Organizational Chart

TEC commission has 23 members, including chairman, honorary chairman, secretary, councilors, and members.

No.	Position	Surname	Name	Federation	Email
1	Chair	Georgescu	Tiberiu	Romania	tiberiu.georgescu@frsah.ro
2	Honorary Chair	Filipowicz	Andrzej	Poland	filipowicz38@gmail.com
3	Secretary	Du Toit	Hendrik	South Africa	hendrik@brightedge.co.za
4	Councilor	Ricca	Roberto	Italy	ricca@rrweb.org
5	Councilor	Brustman	Agnieszka	Poland	abrustman@gmail.com
6	Councilor	Pahlevanzadeh	Mehrdad	Iran	pahlevanzadeh@outlook.com
7	Councilor	Al Taher	Sultan Ali	UAE	sultahir77@hotmail.com
8	Member	Akkour	Abdelfattah	Morocco	akkour@gmail.com
9	Member	Oen	Grant	USA	grant@charlottechesscenter.org
10	Member	Ni	Hua	China	nihua531@hotmail.com
11	Member	Nicula	Dinu-Ioan	Romania	nicudin004@yahoo.com
12	Member	Prohorov	Olexandr	Ukraine	prohorov@chessclub.lviv.ua
13	Member	Burstein	Almog	Israel	almogbu@walla.com
14	Member	Keles	Askin	Turkey	askinkeles@gmail.com
15	Member	Arasu	B.	India	arasub@gmail.com
16	Member	Milvang	Otto	Norway	sjakk@milvang.no
17	Member	Mushaninga	Fungirayiini	Zimbabwe	fungimush1999@gmail.com
18	Member	Held	Mario	Italy	mario.hev@gmail.com
19	Member	Nepando	Jolly	Namibia	jollynepando@gmail.com
20	Member	Karali	Tania	Greece	tkarali@windowslive.com
21	Member	Waithe	Rohan	Barbados	rohanwaithe@hotmail.com
22	Member	Smith	Russell	Trinidad & Tobago	seepoysmith@yahoo.com
23	Member	Abramov	Sergey	Russia	chessokcom@gmail.com

No.	Department	Head of department	Workgroups
1	SPP	Roberto Ricca	Pairing regulations
			Tie-break regulations
			Software for SPP
2	Critical TEC	Mario Held	Board, Pieces & Clocks
			Venue Requirements Commission
			Broadcast technologies
3	Support TEC	Arasu B.	Digitalization - extern
			Digitalization - internal FIDE procedures (assisting other commissions)
4		Askin Keles	Strategic Digitalization

	Development TEC		Developing advanced technologies for capturing games by active collaboration with companies (scoresheets, e-boards, gadgets with AI)
			Ensuring compatibility across technologies and e-platforms
5	Management	Chairman & Secretary	Management Board
			Management and Procedure Workgroup
6	Marketing & communication	Tania Karali	Communication & Promotion
			Website & Social Media

Management Board is composed of:

- Chairman – Tiberiu Georgescu

- Honorary Chair – Andrzej Filipowicz

- Secretary – Hendrik du Toit

- Councilors – Roberto Ricca, Agnieszka Brustman, Mehrdad Pahlevanzadeh, Sultan Ali Al Taher

- Head of Departments – Roberto Ricca, Mario Held, Arasu B., Askin Keles, Dinu Ioan-Nicula (as head of Management and Procedure Workgroup) and Tania Karali.

1.4. Endorsement Reports

1.4.1. Millenium eBoards

- **Subcommittee**: Tiberiu Georgescu (Chairperson), Hendrik du Toit (Secretary), Agnieszka Brustman, Tania Karali, Shaul Weinstein (invited expert), Olexandr Prohorov, Rohan Waithe, Russell Smith, Arasu B, Mehrdad Pahlevanzadeh)
- This report represent a detailed analysis on how Hybrid eBoards by Millenium 2000 GmbH can be used on hybrid events. During this report we will refer to the product as *the reboard*. The analysis is performed considering the *FIDE EBOARD CHESS REGULATIONS,* published on November 8th 2022 and the FIDE Rules for official tournaments. Our report is built considering the following assumptions:

  a. The eBoard is used in hybrid events by both players
  b. Both players are playing under arbiter supervision
  c. The players are not allowed to switch to using the computers

1.4.2. ID Chess

- **Subcommittee:** IA Hendrik du Toit (Secretary)**,** IA ArasuB, NA Fungirayiini Mushaninga)
- This report represents a detailed testing on the usage of idChess software application by Friflex. The analysis is performed considering the relevant articles of Section C of the [FIDE Handbook](#). Our report is relies on the following assumptions:

  1. Not all test devices are the same brand and/or model, but within the specifications.
  2. Not all boards in the tournament are covered.
  3. The necessary sections in the FIDE Handbook are changed/adapted. Standard chess equipment usage according to the [FIDE Handbook](#).

1.4.3. DGT 2500

- **Subcommittee:** Dinu-Ioan Nicula, Tania Karali, Olexandr Prohorov, Tiberiu Georgescu (Chairman)
- This report represents a detailed analysis on how DGT 2500 clock is constructed and works. The analysis is performed considering the eligibility of the clock to be used in official chess competitions, in order to increase the variety of this type of device.

1.4.4. ChessNote R

- **Subcommittee**: Dinu-Ioan Nicula, Tania Karali, Olexandr Prohorov, Tiberiu Georgescu (Chairman)
- The evaluation report is in progress.

1.4.5. Move Keep

- The evaluation report is in progress.

1.5. Meetings & Communications

In order to be effective, we conducted online meetings and discussed via email and WhatsApp.

- With FIDE representatives
  - The chairman and secretary had weekly meetings or calls with GM Bologan Viktor.
  - Weekly emails with GM Viktor Bologan and wFM Sava Stoisavljevic were sent.
  - The chairman and secretary had numerous meetings and emails with FIDE members.

- Internal
  - In order to decide the head of departments, the chairman and secretary did the followings:
    - Open an expression of interest, which consisted in a Google Form
    - Conducted meetings with the people interested in
  - Chairman and Secretary are having several meetings/calls a week.
  - Every week there is a meeting of the Management Board.
  - Departments and workgroups have several internal meetings.

- Third Parties
  - Meetings with all the vendors that had endorsement applications were organized.
  - Meetings with other third parties which were interested to gather more information regarding technical aspects were organized.
  - Communication took place via email or WhatsApp.