According to the FINA Constitution, the powers and duties of the Technical Committees are:

- to analyse the requirement for improvements of the respective discipline, and to consider corresponding proposals for changes in relevant regulations, all such proposals to be referred to the Bureau for decision, 
- to consider and decide upon any matter affecting their particular responsibility, which may be referred to them by the Bureau or the Congress,
- to appoint sub committees, if required, to investigate, study, and recommend to the parent committee any matters referred to such sub committee. The members of a sub committee may be persons selected from outside the parent committee membership,
- to investigate, study, and recommend on matters dealing with standard equipment and specifications of competitive pools for Olympic Games or international competitions,
- to evaluate and make recommendations regarding candidates, nominated by Members, for the title of international referee, starter or judge to be selected by the Bureau,
- to appoint one or more of its members to report on the qualifications of any person recommended as an international referee, starter and to report periodically on the continued qualifications of referees, judges, or starters on the existing list,
- to receive and report to the FINA Bureau any complaint made by referees regarding misconduct of individuals in international competitions and to make recommendation thereon,
- to take part in the technical preparations and in the conduct of the competitions in their discipline at the Olympic Games, World Championships and other FINA competitions,
- The Bureau shall ensure participation of the committees in the preparation of the meetings of the Bureau with regard to matters affecting their respective disciplines, in the technical preparations of the competitions at the Olympic Games, World Championships, and other FINA competitions,
- to control all technical equipment and installations prior to and during the event,
- to make rosters for officials,
- to investigate cases of protest as preparation for the Jury of Appeal.

Alexey VLASENKO
Chairman

Bashar ALSAFFAR
Vice Chairman

Kathy SEAMAN
Honorary Secretary

Tingmao SHI
Athlete Representative

Eric BROOKER
Member

Felix CALDERON RODRIGUEZ
Member

Ruolin CHEN
Member

Klaus DIBIASI
Member

Colleen HUFFMAN
Member

Mary KLOPPERS
Member

Mathz LINDBERG
Member

Hana NOVOTNÁ
Member

Dominique PHILIPPOPOULOS
Member

Hesham SEIFALLAH
Member

Akito SUEHIRO
Member

Georgia FYRIGOU CONSOLO GEORGIA
Events Sub-Committee

Jing Jing GUO
Events Sub-Committee

Ildikó KELEMEN-VAN DE KONIJNENBURG
Events Sub-Committee

Simon James LATIMER
Events Sub-Committee

Anke PIPER
Events Sub-Committee

Melanie BECK
Diving World Series Manager

Jihong ZHOU
Bureau Liaison