



DRAFT NOTES Technical Council (TC) Meeting Prague

Saturday, 11 June 2011, 9.15 – 16.45 h

Hotel Clarion, Prague, Czech Republic

These draft notes, or parts or enclosures thereof, must not be communicated to third parties. For a broader public, important decisions will be published in the *fib*-news section of the Journal Structural Concrete, which is also available on *fib*'s website.

1 - Opening, attendance, apologies, approval of draft agenda

The meeting was chaired and opened at 9.15 h by the President György L. Balázs.

The agenda was approved as drafted and sent beforehand. Two presentations about the disaster in Japan are reported in 6. Miscellaneous.

Present were:

TC Members:

Ajdukiewicz (Poland), Balázs (Hungary), Bergmeister (Austria), Braestrup (Denmark), Chrysostomou (Cyprus), Clark (United Kingdom), Corres Peiretti (Spain), Dancygier (Israel), D'Arcy (USA), Dehn (Germany), Di Prisco (Italy), Eligehausen (Germany), Fardis (Greece), Forsström (Sweden), Foster (Australia), Ganz (Switzerland), Glavind (Denmark), Helland (Norway), Kalny (Czech Republic), Kasuga (Japan), Klein (Switzerland), Mancini (Italy), Marinkovic (Serbia), Menegotto (Italy), Moussard (France), Müller (Germany), Muttoni (Switzerland), Olsen (Norway), Pielstick (USA), Popaescu (Romania), Sakai (Japan), Schumacher (*fib* Secretariat for the notes), Stucchi (Brazil), Taerwe (Belgium), Ueda (Japan), Walraven (The Netherlands)

Guests:

Litzner (Germany), Vitek (Czech Republic), Almeida (Portugal), Boshoff (Republic of South Africa), Kaliukh (Ukraine), Lohaus (Germany), Sesar (Croatia), Thommen-Vidale (*fib* Secretariat)

Apologies:

Aho (Finland), Curbach (Germany), Forbes (Australia), Hammer (Norway), Ikeda (Japan), Ingham (New Zealand), Kryvosheiev (Ukraine), Lima (Argentina), Matthews (United Kingdom), Moksnes (Norway), Molitor (Luxemburg), Oud (The Netherlands), Pinto (Italy), Tao (China), Uomoto (Japan), Van der Horst (The Netherlands), Walther (Switzerland), Yamazaki (Japan), Zvezdov (Russia)

Attendance and apologies were noted as given above; the President extended a special welcome to Billy Boshoff from South Africa, which will be a National Member Group in *fib* again from 2012 on.

2 Technical Council meeting Corfu, October 2010

2.1 Approval of the draft notes from the meeting (Encl. 1)

The notes of the TC meeting on Corfu in October 2010 were approved by all as drafted.

2.2 Any matters arising from the TC meeting on Corfu and not treated elsewhere in today's agenda

There were none.

3 Information on recent developments since last TC meeting

3.1 Secretarial issues

The President György L. Balázs welcomed new Secretary General Petra Schumacher, who briefly introduced herself.

3.2 Calendar of events (Encl. 2)

The calendar of events was briefly presented.

Gordon Clark reported that approximately 30 people including about 10 heads of concrete departments attended the Academics' Forum on Research and Teaching organized by the UK *fib* Group in Birmingham on 16 May 2011.

Frank Dehn reported that 35 contributions and 60 attendees were expected for the workshop in Leipzig, Germany, on 14-15 June 2011 and that 30-40 participants are expected for the joint meeting of *fib* T8.10 and RILEM TC 230-PSC in Leipzig on 16 June 2011.

The preparations for the *fib* symposia 2012 in Stockholm, Sweden, and 2013 in Tel Aviv, Israel as well as for the *fib* congress 2014 in Mumbai, India, are going well.

For the years after that, countries are welcome to apply and decisions will be taken by Presidium. Up to now, Portugal expressed interest in organizing the *fib* symposium 2015 (or late 2014) and would like to maintain its application in principle, but not decide at this moment due to the difficult situation in the Portuguese building industry; Denmark expressed interest in organizing a *fib* symposium in 2015; the Republic of South Africa expressed interest in organizing a *fib* symposium in 2016; Australia expressed interest in organizing a *fib* congress in 2018.

Petra Schumacher explained the procedure of applying for *fib* support of an event. Request forms and guidelines are available at the *fib* secretariat. The request has to be submitted to the *fib* Presidium, through the *fib* secretariat and as early as possible, in any case before the first call for papers or preliminary circular of the event. Sometimes, *fib* support of interesting events is rejected simply because requests were submitted too late and / or the date is overlapping with other events.

3.3 Publications - Bulletins (Encl. 3)

In addition to the information given in the updated Encl. 3, Technical Council noted the following:

Bulletin J "Green concrete structures" has been distributed to the TC members for approval as a Guide to good practice. The TC appointed two reviewers, Gordon Clark and Stephen Foster, who accepted.

Bulletin C the final draft is expected for the end of August 2012.

Bulletin L is going to be a technical report and is expected for the end of 2011.

Bulletin O will be continued in September. Apart from the bulletin "Design recommendations for UHPFRC" another bulletin is planned on "Design examples for UHPFRC", which is intended to be published as a Technical Report.

Furthermore, a number of new bulletins was announced:

Hans Rudolf Ganz reported that C9 is preparing a bulletin (app. 20-25 pp.) on the effect of zinc on prestressing steel for autumn 2011.

Brett Pielstick reported that C5 is preparing a bulletin on birth and rebirth certificates (app. 50-75 pp.) for 2012.

Harald Müller reported that T8.7 is working on a bulletin with Model Code related content for the end of 2011.

A revision of Bulletin 7 on plastic ducts is started by Hans Rudolf Ganz.

SAG7 Working group WA2 "Partial-factors derivation for existing structure" is preparing a state-of-art report and plans to circulate the draft to SAG7 participants at the end of 2011.

After the Technical Council meeting, Klaas van Breugel and Jean-Armand Calgaro accepted to review the draft bulletin D by T6.9 on Design of Precast Structures against Accidental Actions.

All commissions and task groups are encouraged to summarize discussions and data from their work and from the work on the Model Code 2010 in the form of bulletins and / or articles in the journal *Structural Concrete*.

3.4 Presentation Prof. Eligehausen on planned Guide "Design of anchorages in concrete"

Rolf Eligehausen thanked the reviews of J.-F. Klein and N. Randl and presented Bulletin 58 including the results of the reviews, Encl. 4.

Technical Council voted unanimously for accepting Bulletin 58 "Design of anchorages in concrete" as a Guide to good practice.

3.5 Publications - Journal *Structural Concrete*

Luc Taerwe summarized the development of the journal *Structural Concrete*, Encl. 5.

Since 2011, the journal *Structural Concrete* is published by Ernst & Sohn (Wiley).

Since 2010, *Structural Concrete* is in the ISI Web of Science index. All are encouraged to increase the number of citations by referring to papers from *Structural Concrete* in their other publications.

Ernst & Sohn also suggested partial “theme” volumes with approximately three papers on a certain theme in one issue. Commissions and task groups are invited to suggest these “themes” e.g. related to background information of a bulletin.

Ernst & Sohn also suggested to publish a “theme” issue with papers on structures in a country, in which the following symposium or congress will take place, e.g. papers about structures around Stockholm for the March issue 2012.

The peer review for the symposium or congress papers should include a box “suitable for publication of extended version in *Structural Concrete*”. The scientific committee of the events will take care of this.

Marco di Prisco inquired about the possibility to buy reprints or downloads of single articles. *In the meantime, it was clarified that the ICE virtual library sells single articles of issues until 2010, usually for 15 EUR; it is possible to purchase single articles from 2011 on at Wiley Online Library.*

4 New Model Code 2010

Following the first complete draft as Bull. 55 and 56, SAG5 received approximately 240 pages of comments from National Delegations, Commissions etc.. SAG5 chairman Joost Walraven thanked for the valuable contributions. For some sections that are most affected by the comments, Joost Walraven (Encl. 6), Harald Müller (Encl. 7), Stephen Foster (Encl. 8) and Marco di Prisco (Encl. 9) presented an overview over comments and responses.

During the next weeks, the chapters will be harmonized. The intention is to be ready with the final draft of the Model Code 2010 by the end of July or at the very latest beginning of September. It was agreed to reserve 28 and/or 29 October 2011 as an option for the next Technical Council meeting in Lausanne. Details will be sent at the beginning of September 2011 at the latest.

5 Commissions (C), Task Groups (TGs) and Special Activity Groups (SAG), Reports on recent developments since the TC meeting on Corfu, Oct. 2010

All chairpersons present briefly reported on recent activities in their Commissions and Special Activity Groups (concerning the finalization of Bulletins, this is noted under item 3.3 above). The following reports are given in the enclosures: C1 Encl 10, C5 Encl 11, C6 Encl 12, C8 Encl 13 and SAG7 Encl 14.

Technical Council noted or approved in particular the following:

Commission 1 “*Structures*”: Gordon Clark ends his chairmanship, which he held since 2007, for which the president thanked him. Starting from 11 June 2011, the new chairman is former Deputy-Chair Michel Moussard (France). Commission 1 is awaiting a proposal for a Task Group on Tunneling from Konrad Bergmeister and Frank Dehn.

Commission 3 “*Environmental aspects of design and construction*” will work towards ending as the idea of the formation of SAG8 is to incorporate sustainability in the work of all Commissions and Task Groups. Mette Glavind announced that members of Commission 3, who have not been active in the last three years, are deleted from the list.

Commission 5 “*Structural service life aspects*”: Christoph Gehlen was appointed as Deputy-Chair.

Commission 6 “*Prefabrication*”: Marco Menegotto proposed a new Task Group T6.12 on “Quality control for precast concrete” with Fernández Gómez as Convener. All agreed to start T6.12. Furthermore, Commission 6 is working on courses, e.g. in September 2011 in Athens and together with PCI. Marco Menegotto offered that Commission 6 members will review articles related to prefabrication that are submitted for the *fib* journal *Structural Concrete*. He inquired about the possibility of having a website for C6 and was informed by Petra Schumacher that information like the working programmes or the minutes of Commission and Task Group meetings are made available on the existing *fib* website and the secretariat can provide a link in the Members Only section to a website that would have to be provided and maintained by C6 for additional information.

Commission 8 “*Concrete*”: Task Group T8.11 “Fire resistant concretes for tunnel construction” was in the TC meeting in Washington 2010. Gordon Clark remarked that the convener (to be appointed) should also be in the Task Group for tunnels that Commission 1 is going to form as well as in T4.3. Frank Dehn proposed a new Task Group T8.12 on “Constitutive laws for concretes with supplementary cementitious materials” with Tor Arne Martius-Hammer and Harald Justnes as conveners. All agreed to start T8.12.

6 Miscellaneous: Presentations Disaster Japan

Akio Kasuga gave a presentation, which Shoji Ikeda had prepared about the “March 11, 2011 Disaster due to Earthquake, Tsunami and Radioactive Contamination” in Japan, see Encl 15. A moment of silence was observed in memory of the victims.

Tamon Ueda gave a presentation about the “Great East Japan EQ”, see Encl 16. He remarked that of several bridges, the substructure resisted the tsunami well while the top was transported away. Japan intends to include tsunamis in the future design of bridges.

7 Next meeting(s)

It was agreed to reserve 28 and/or 29 October 2011 as an option for the next Technical Council meeting in Lausanne. Details will be sent at the beginning of September 2011 at the latest.

The restructuring of Commissions, Task Groups and Special Activity Groups that was started in Corfu in October 2010 should then be resumed.



List of enclosures

Technical Council meeting Prague, 11 June 2011

N°	Item	Subject	Remarks
1	2.1	Draft notes Technical Council meeting Corfu (Encl. 1 - 110214 DrNot TCCorfu.pdf)	E-mailed 14 February 2011
2	3.2	Calendar of events (Encl. 2 110602 ConfCal TC Prague.pdf)	To be downloaded as indicated in email
3	3.3	Bulletins under preparation (Encl. 3 110711 PrepBull TC Prague.pdf)	To be downloaded as indicated in email
4	3.4	Presentation Rolf Eligehausen on Bulletin 58 (Encl 4 Eligehausen Pres Bull 58.pdf)	To be downloaded as indicated in email
5	3.5	Presentation Luc Taerwe on the <i>fib</i> journal <i>Structural Concrete</i> (Encl 5 Taerwe Structural Concrete.pdf)	To be downloaded as indicated in email
6	4	Presentation Joost Walraven on status Model Code 2010 (Encl 6 Walraven PP MC2010 TC Prague 2011.pdf)	To be downloaded as indicated in email
7	4	Presentation Harald Müller on status Model Code 2010 Chapter 5.1 (Encl 7 Müller PP MC2010 Ch5.1 TC Prague 2011.pdf)	To be downloaded as indicated in email
8	4	Presentation Stephen Foster on status Model Code 2010 Chapter 7.3 (Encl 8 Foster PP MC2010 Ch7.3 TC Prague 2011.pdf)	To be downloaded as indicated in email
9	4	Presentation Marco di Prisco on status Model Code 2010 Chapter 5.6 and Chapter 7.7 (Encl 9 di Prisco PP MC2010 Ch5.6 and Ch7.7 TC Prague 2011.pdf)	To be downloaded as indicated in email
10	5	Commission Report C1 Gordon Clark (Encl 10 C1 Clark TCPragueReportJun2011.pdf)	To be downloaded as indicated in email
11	5	Commission Report C5 Brett Pielstick (Encl 11 C5 Pielstick TCPragueReportJun2011.pdf)	To be downloaded as indicated in email
12	5	Commission Report C6 Marco Menegotto (Encl 12 C6 Menegotto TCPragueReportJun2011.pdf)	To be downloaded as indicated in email
13	5	Commission Report C8 Frank Dehn (Encl 13 C8 Dehn TCPragueReportJun2011.pdf)	To be downloaded as indicated in email
14	5	SAG7 Report Giuseppe Mancini (Encl 14 SAG7 Mancini TCPragueReportJun2011.pdf)	To be downloaded as indicated in email
15	6	Presentation Akio Kasuga / Shoji Ikeda “March 11, 2011 Disaster due to Earthquake, Tsunami and Radioactive Contamination” (Encl 15 Ikeda Pres March 11, 2011 Disaster Japan.pdf)	To be downloaded as indicated in email
16	6	Presentation Tamon Ueda on “Great East Japan EQ” (Encl 16 Ueda Great East Japan EQ.pdf)	To be downloaded as indicated in email

