



ISO/TC 67/SC 4

Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries –
Drilling and production equipment

Secretary:

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ISO/TC 67/SC 4 N 406

2008-06-19/20

Minutes and Resolutions from the Plenary Meeting of ISO/TC67/SC4

19/20 June 2008 • Calgary, Alberta, Canada

1. Opening of the meeting

The TC 67/SC 4 Chair, Mike Payne, opened the meeting by welcoming the delegates to Canada and thanking them for their attendance.

Hotel staff provided a safety announcement in the event of a fire or other emergency.

2. Roll call of delegates

The delegates introduced themselves, noting each Head of Delegation (in **bold**) from the represented countries.

Mike Payne - USA (chairman)

Austin Freeman - USA

Marcelo Amaral - Brazil

Daniel Rioche - France

Michel Grepinet - France

Anatoly Baryshnikov - Italy

Ries Langereis - Netherlands

Bert Dijkhuis - Netherlands

Ed Baniak - USA (secretary)

Roland Goodman - USA

Marcos Ribeiro - Brazil

Leon Osinski - France

Alain Loppinet - France

Neil Reeve - Netherlands

Henk Diepeveen - Netherlands

Per Kristian Lesund - Norway

3. Adoption of the agenda

Noting that changes were required on the first agenda issued in March 2008 due to time restrictions of the meeting room; the first day's meeting would need to end at 2:00PM (as reflected in the revised agenda issued in May 2008. The agenda was accepted as presented in ISO/TC67/SC4 N 396Rev.

4. Appointment of the drafting committee

The ISO/TC67/SC4 Chair asked for volunteers to participate on the resolutions drafting committee. A. Freeman (USA) and Neil Reeve (Netherlands) were appointed to assist the secretariat in preparation of the resolutions.

5. Report of the Secretariat (ISO/TC 67/SC 4 N 399)

5.1 Actions from the 2007 meeting

The ISO/TC67/SC4 chairman noted that the number of P-members remained at 14, and with 5 O-members (as reported in 2007 in San Francisco.) The ISO/TC 67/SC 4 Chair gave a presentation (ISO/TC67/SC4 N 399) with a general overview of the status of the SC work programme.

Noting that additional organizational changes had occurred since the issuance of the Secretariat's report, the following were discussed: B. Chandler (USA) is stepping down as convenor for WG1 due to changes in work requirements; and M. Grépinet (France) has been nominated to be the new convenor for WG2.

ISO TC67/SC4 expresses concerns regarding the vacancies in key leadership positions. ISO TC67/SC4 requested that ISO/TC67 Management Committee (MC), API ECS, and the members of ISO/TC67/SC4 address the new vacancy in the ISO TC67/SC4/WG1 Convenor position.

Further noting that WG4 meetings are now scheduled in Houston in August 2008 and in Washington, DC in November 2008, the Secretariat's report should be amended.

Noting ISO/TC67/SC4 N378 Resolution 3 (San Francisco, 2007), ISO TC 67/SC 4 requests that ISO/TC 67 MC clarifies the editorial services arrangement between ISO and API, particularly with respect to applying the process on eligible documents.

Noting ISO/TC67/SC4 N378 Resolution 14 (San Francisco, 2007), a June 3, 2008 meeting in Norway occurred to progress a single document on the development of material selection. The document is called Material Selection for Upstream Production. The intent of the document is to supplement the existing product standards, not to supersede those documents.

5.2 ISO/TC 67 Management Committee (MC) update

Neil Reeve provided a report of activities of ISO/TC67 in lieu of the chair (vacant). It was noted that no name has moved forward for consideration for the chair of ISO/TC67. ISO/TC67 Management Committee is scheduled to meet on Monday, June 23, 2008 to discuss filling the position of chair.

Noting that the last meeting of ISO/TC67 took place in Paris in February, 2008, with a primary focus on the work programme and all work items, identifying those documents to be published in 2008, identified as approximately 20 candidate documents. This meeting also considered work programmes for 2009 to ensure adequate allocation of resources.

Noting that the relationship between ISO/TC156 and ISO/TC67 is to be reviewed to ensure all overlap areas are managed.

Noting that ISO/TC67/SC4 needs to make more progress in moving to collaborative standards development and maintenance where funded editorial support is used to expedite the process and industry subject matter experts (SMEs) are enabled to solely concentrate on salient technical matters. Further noting that contributions from OGP have been sought but have not provided with the support, Resolution 5 was made.

Noting that the ISO/TC67/SC5 line pipe marking issue was discussed, dealing with concerns over wording in applicable documents so that users can readily apply the ISO or API marking on products. David Miller (API) was to propose text that would be inserted into these documents.

Noting that "change bar" protocols as currently used by API were discussed concerning their possible use in ISO documents, this would be applied to ISO/TC67/SC5 documents initially.

Noting that clarification was sought on API positioning itself to take documents worked jointly all of the way through the editing process to eliminate ISO involvement, although this process was agreed in principle but the details need to be finalized.

6. Work Group Reports

6.1 ISO/TC 67/SC 4/WG 1 (Document ISO/TC 67/SC 4 N 407)

10407-1 (Rewrite of API RP 7G) Noting that proprietary information would not be permitted in API documents, this information would be provided in a regional annex when the document was ready. Noting that the document is at the DIS stage and needs to be reformatted and the text updated, *Zaetric* (based in Houston) was contacted to perform this editing. Noting that OGP required competitive bidding, editing has not moved forward with respect to this document (no work has commenced, to date.) The workgroup PL is to approach and remind OGP of this issue.

10407-2 Noting that a DIS ballot was completed in 2006, all comments have been resolved and the FDIS was delivered in ISO CS in March 2008. Currently the WG is waiting for ISO CS to issue the FDIS ballot.

10424-1 (API Spec 7-1) Noting that the document was published in 2004, a NWIP is required to incorporate the heavy-wall drill pipe work and to encourage API and other national bodies to incorporate any work that needs to be added this next edition of the document.

10424-2 (API Spec 7-2) Noting that this document was published in 11/2007, no further actions are required at this time.

13626 (API Spec 4F) Noting that the project Leader position is open, there is a need to identify a new PL and Subject Matter Expert (SMEs). Further noting that the document was published in 2003, it is due for systematic review in 2008.

13534 (API RP 8B) Noting that the PL position is open; Alf Aker (DNV) was the former PL and may be identified as the PL again. A DIS ballot closes in 7/22/08 to identify the blending of revisions to new edition of document.

13535 Noting that the PL position is open; Alf Aker (DNV) was former PL and may be identified as the PL again (If no ISO PL is identified, the editorial service agreement may be used as a test case to take this document all the way through the editorial process.) Noting that revisions and enhancements were provided by API, a DIS ballot was issued in February 2008.

14693 (API Spec 7K) Noting that API SC8 needs to determine the extent of the revisions required to the document, the minor revision process may be used if eligible. Noting that a NWIP is required in order to align the existing ISO document with the modified addenda of API 7K, 4th Edition (currently equivalent document) since these modified addenda were published in 2007.

Noting that the information of work programme was not up to date on the website, ISO/TC67/SC4 requests its secretariat to ensure that the work programme information is routinely updated on the ISO/TC67/SC4 website. Additionally, it was noted that some correspondence between ISO CS and the PL were occurring without copying the convenor. It was requested to do this in the future.

6.2 ISO/TC67/SC4/WG2 (Document ISO/TC67/SC4 N400)

ISO/TC67/SC4 unanimously endorses Michel Grépinet as the convenor of WG2.

Noting that API SC16 was disbanded and the API SC16 standards would be revised on an ad hoc basis, SMEs would be nominated when the documents come up for revision. Further noting that lack of support by industry may result in documents being withdrawn. Finally noting that many of the standards are in use and mature and may not require revision; there is a need to aware of this so that the documents are not systematically removed without due consideration

Noting that drilling contractors have potentially more impact on these documents than the users or manufacturers, ISO/TC67/SC4/WG2 should ensure that all parties are involved.

A secretary from *Total* was proposed for WG2.

6.3 ISO/TC67/SC4/WG3 (Document ISO/TC67/SC4 N401)

10423 (API Spec 6A) Noting that a revision of the document is under development, the issuance of a new International Standard (IS) is expected by the end of 2008; final DIS comments are expected by September 2008.

Noting that API elected to remove the existing Annex J (Repair/Remanufacture) for commercial and legal reasons, a replacement annex has been balloted to API SC6 and comments are now being resolved (this new annex to API Spec 6A will be provided as DIS comments from the US.)

Noting that another difference between ISO and API is that the ISO document did not allow castings for PSL 3 or higher, this issue has not been resolved.

Noting that the sister document (ISO 13628-4/API Spec 7D) has differences on tolerances and other issues, it was decided to not address these differences at this time.

6.4 ISO/TC67/SC4/WG4 (Document ISO/TC67/SC4 N402)

Noting that there are 13 projects currently being maintained by the WG, as follows:

10417 (API Spec 14B) – WG4 recommended the reaffirmation of this document;

10428 (API Spec 11B) – Previous versions of the document were reaffirmed without consideration of revision...now FDIS is to be submitted by mid-July and new IS by January 2009;

10431 (API Spec 11E) – Document is still in editing to resolve the SI and USC unit conversion;

10432 (API Spec 14A) – The document may require revision based on feedback results from US regulators (MMS) on the potential adoption of the document in the federal regulations concerning the test requirements;

15136-1 (*proposed* API 11D2) – Original document issued by ISO (2001) was not adopted back by API (the industry was not using it)...the DIS is in the final stage and may require a second DIS due to significant changes;

15136-2 (API 11D3) – Adopted back by API in 2008, no action until systematic review in 2009;

16070 (API Spec 11D1) – No expected changes anticipated, this document is to be reaffirmed;

17078-1 (API Spec 11V1) – Review due in 2008;

17078-2 (Spec 11V2) – Review due in 2008;

17078-3 (no API Equivalent) FDIS is in the final stage, document expected in 2008;

17078-4 (No API Equivalent) DIS expected in 2008, FDIS in 2009;

17824 (No API Equivalent) DIS expected in July 2008, FDIS in 2009; and,

28781 (No API Equivalent) CD ballot closed in May 2008.

A parallel group has been formed within API (API SC19) and expected that there will be greater cooperation between ISO and API in the future.

A description of how the new 17078-1 and -2 documents would map out into the existing API 11V1 and 11V2 documents was provided.

Noting that all of the technical experts appear to be based in the US, there is the appearance that no attempt is being made to incorporate SMEs from Europe, even though there are experts in France and other European countries. The WG convenor suggested that more participation be made in the oversight group (WG4) if it is not possible to have SMEs meet at the task group level.

6.5 ISO/TC67/SC4/WG6 (Document ISO/TC 67/SC 4 N403)

Report was provided by Per Kristian Lesund (the new convenor, JH Neuenkirchen (Norway) was not able to attend), and the following work programmed was outlined:

13628-1 (API RP 17A) Released in December 2005, and since then there were two draft amends issued, versions of the amendments are being prepared and will be issued as ballot in 2008;

13628-2 (API Spec 17J) Published in July 2006, currently being adopted back by API;

13628-3 (API RP 17C) Reviewed in June 2005, next review will be in 2010;

13628-4 (API Spec 17D) Second DIS being prepared based on the comment resolution from the first DIS ballot;

13628-5 (API Spec 17E) Second edition was circulated as DIS, now awaiting FDIS;

13628-6 (API Spec 17F) Second edition was published 5/2006, third edition is in development;

13628-7 (API RP 17G) Discussions concerning IWOCS (Part 14) were identified for possible inclusion in this document;

13628-8 (API RP 17H) and 13628-9 (API RP 17M) Work begun to merge into Part 13 has been delayed;

13628-10 (API Spec 17K) Published in September 2005;

13628-11 (API RP 17B) Published in July 2006, currently being adopted back by API;

13628-12 (API RP 2RD) Joint work project currently under way to move this document along;

13628-15 (API RP 17P, proposed) A kickoff meeting was held in Oslo 2/2008;

13628-16 (API Spec 17L1, proposed) NWIP approved, Krassy Doynov will be the PL; and

13628-17 (API RP 17L2, proposed) NWIP approved, Krassy Doynov will be the PL.

7 CEN TC 12 Report (ISO TC67/SC4 N 408)

CEN TC12 adopts ISO TC67 (SC4 in particular) standards in Europe. There is a Vienna agreement between ISO and CEN, with parallel voting of common standards. European standards become national standards when accepted by CEN.

8 Report on US (API) national adoption of ISO Standards (ISO/TC 67/SC 4 N 409)

The TC 67/SC 4 Secretariat gave a report (ISO/TC 67/SC 4 N 409) on the national adoption activities of the US. A request was made to include the ISO WG that has oversight of the ISO document.

9 Requirements concerning a subsequent meeting

For the last two years its meeting has been in conjunction with the API summer standards conference and it was suggested to maintain this. However, there was some concern that there is a pattern of only meeting in North America with this model. Therefore, ISO/TC 67/SC4 agrees that the next meeting will be May 19 and 20, 2009 in The Netherlands.

10 Personnel Changes

Mike Payne is stepping down as SC4 Chairman, Olav Inderberg has stepped down as Convenor of WG6 and Brett Chandler has stepped down as Convenor of WG1.

11 Any other business

HPHT activity in API: Noting that operators in Gulf of Mexico are getting into deeper areas (the 15ksi level or more), concerns were raised on how the industry would develop 20k psi and/or large bore equipment. Research funding has been made available to this study at API, looking at generic equipment (valve body). Related to this is the TPEE (Test Procedures for Extreme Environments) Initiative being driven by Chevron to ensure the industry have adequate testing protocols for this HPHT equipment. Noting the above, work on this issue should be monitored by the subcommittee to ensure that ISO work programmes remain aligned with API research results.

Compact Flanges (Document ISO/TC 67/SC 4 N 367): Noting that this equipment is mainly used top-side and not in subsea, the management committee of ISO/TC 67 should reevaluate the placement of the project into ISO/TC 67/SC4.

Wet Thermal Insulation Coatings (Document ISO/TC 67/SC 4 N 397): Results due in July 2008. The initial work would be split between SC2 and SC4 with WG6 within SC4 as the likely location for this work to occur. If the non-pipeline interests are to be maintained, SC4 should ensure full participation by WG6. If the ballot is positive, then SC4 should determine what contribution should be provided to moving this document.

Interpretation Ballot (Document ISO/TC 67/SC 4 N 404): Interpretation ballot on 13628-4, based on request initiated by Canada, and sent to ISO/TC 67/SC 4/WG6.

12 Approval of resolutions

After reviewing the drafted resolutions, ISO/TC 67/SC4 approved the resolutions (see below).



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Resolutions from the Plenary Meeting of ISO/TC 67/SC 4

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Resolution 1 (Calgary, 2008) The agenda is accepted as presented in ISO/TC 67/SC 4 N396Rev.

Resolution 2 (Calgary, 2008) The Report of the SC4 Secretariat (ISO/TC 67/SC4 N399) is accepted noting the modifications discussed.

Resolution 3 (Calgary, 2008) ISO/TC 67/SC 4 encourages the WG convenors to make use of funding available from OGP and API for editorial services.

Resolution 4 (Calgary, 2008) ISO/TC 67/SC 4 requests that the ISO/TC 67 Management Committee provide advice on how to apply the editorial services process between API and ISO.

Resolution 5 (Calgary, 2008) The workgroup convenor and PL are to approach and remind OGP of the request for technical editing of Draft DIS ISO 10407-1 in order to move this standard forward.

Resolution 6 (Calgary, 2008) ISO/TC 67/SC 4 recommends that a NWIP is required to address the heavy-wall drill pipe work and to encourage API and other national bodies to incorporate any work that needs to be added this next edition of ISO 10424-1, as an enhancement to the existing requirements.

Resolution 7 (Calgary, 2008) ISO/TC 67/SC 4 recommends that a NWIP is raised for the next revision of ISO 13626 to proceed under the minor revision process.

Resolution 8 (Calgary, 2008) ISO/TC 67/SC 4 recommends that a NWIP is required in order to align the existing ISO 14693 document with the modified addenda of API Spec 7K, 4th Edition (currently equivalent document) since these modified addenda were published in 2007.

Resolution 9 (Calgary, 2008) ISO/TC 67/SC 4 requests its secretariat to ensure that the work programme information is routinely updated on the ISO/TC 67/SC 4 website.

Resolution 10 (Calgary, 2008) ISO/TC 67/SC 4 endorses Mr. Michel Grépinet (France) as the incoming convenor of WG2 with accompanying secretarial services of AFNOR (Valerie Maupin).

Resolution 11 (Calgary, 2008) ISO/TC 67/SC 4 appreciates the intent of the new convenor of WG 2 to investigate the importance and status of WG2 documents and approach Subject Matter Experts as required in order to further the development of documents.

Resolution 12 (Calgary, 2008) ISO/TC 67/SC 4 recommends that API poll the API Licensees on API Spec 6A to determine their position on the use of castings vs forgings for PSL 3 or higher and to report the results to the WG3 convenor by the end of September 2008.

Resolution 13 (Calgary, 2008) ISO/TC 67/SC 4 endorses Jens-Henrik Neuenkirchen (Norway) as the convenor of WG6.

Resolution 14 (Calgary, 2008) ISO/TC 67/SC 4 approves all SC4 workgroup reports as amended and will act to provide updated project timelines to ISO TC 67 management committee and ISO CS.

Resolution 15 (Calgary, 2008) ISO/TC 67/SC 4 requests all WG convenors update their WG rosters to account for PL representation on the WG and listing sub-workgroup task force membership.

Resolution 16 (Calgary, 2008) ISO/TC 67/SC 4 recommends that a NWIP for ISO 13628-7 be developed by WG6.

Resolution 17 (Calgary, 2008) ISO/TC 67/SC 4 endorses the new project leaders, H. Reeves (USA) for ISO 13628-3, E. Luzi (Norway) for ISO 13628-13 and O. Melland (Norway) for ISO 13628-15.

Resolution 18 (Calgary, 2008) ISO/TC 67/SC 4 recommends to the ISO/TC 67 Management Committee that ISO 27509 for compact flanges be assigned to ISO/TC 67/SC 6.

Resolution 19 (Calgary, 2008) ISO/TC 67/SC 4 wants to thank Olav Inderberg (Norway) for his services as outgoing convenor of WG6.

Resolution 20 (Calgary, 2008) ISO/TC 67/SC 4 wants to thank Brett Chandler (USA) for his services as outgoing convenor of WG1.

Resolution 21 (Calgary, 2008) ISO/TC 67/SC 4 seeks nomination for a new convenor for WG1 from its membership.

Resolution 22 (Calgary, 2008) ISO/TC 67/SC 4 want to thank Mike Payne (USA) for his services as outgoing chairman of SC 4.

Resolution 23 (Calgary, 2008) ISO/TC 67/SC 4 endorses Austin Freeman (USA) as the incoming chairman of SC 4.

Resolution 24 (Calgary, 2008) ISO/TC 67/SC 4 wants to thank Canada for their assistance and hospitality in arranging and hosting this meeting and to thank Mike Payne (BP) and Austin Freeman (Halliburton) for hosting the lunch.

Resolution 25 (Calgary, 2008) ISO/TC 67/SC 4 agrees that the next meeting will be May 19 and 20, 2009 in The Netherlands.

Resolution 26 (Calgary, 2008) ISO/TC 67/SC 4 thanks Cheryl Stark (USA), outgoing Chairperson of ISO TC67, for all her assistance in helping with the work programme of ISO/TC 67/SC 4.

Resolution 27 (Calgary, 2008) ISO/TC 67/SC 4 notes the ongoing activity around HPHT efforts in API and encourages participation in the work. Brazil, France and Netherlands also express strong interest in the work and Brazil offers to convene an ISO workgroup in the future.