



## ISO/TC 28 Petroleum products and lubricants Advisory Group

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**ISO/TC 28 AG N 273**

**2008-04-10**

**To:** Members of the ISO/TC 28 AG

**Copy to:** ISO/TC 28 P-members  
ISO/TC 28 O-members  
ISO/TC 28 L-members  
ISO/CS

### **Report of the ISO/TC 28 AG meeting, 6 December 2007, Phoenix, USA**

#### **1. Opening the meeting**

Dr. W. James Bover, ISO/TC 28 Chairman, opened the meeting at 2 p.m., and welcomed members and guests. Dr. Bover reported that Kenneth Henderson had stepped down as ISO/TC 28/AG Chairman, and that he would take on the role of AG Chairman *pro-tem*.

#### **2. Roll call of delegates**

##### **Members in attendance:**

W. James Bover	ISO/TC 28/AG Chairman <i>pro-tem</i>
Paula Watkins	ISO/TC 28/AG Secretary
Ortwin Costenoble	NEN, Netherlands
Tom Feuerhelm	DIN/FAM, Germany
Jean-Paul Perret	AFNOR/BNPé, France (ISO/TC 28/SC 1 & SC 4 Secretary)
Mike Sherratt	BSI, UK
E. A. Hap Thompson	ANSI, USA
Paolo Tittarelli	UNI, Italy
Jacco Woldendorp	NEN, Netherlands (CEN/TC 19 Chairman)

##### **Guests in attendance:**

Ed Bielo	Pamas GmbH, USA
Gina Clapper	AOCS, USA
Michael Collier	PAC, USA
Scott Fenwick	ADM, USA
Juergen Fischer	ADM Hamburg AG, Germany
Maura Gomes	Petrobras, Brazil
Jeff Grove	ASTM International, USA
Kenneth Henderson	Cannon Instrument Co., USA
Donna Hoel	ExxonMobil, USA
Steve Howell	National Biodiesel Board, USA
Robert Knoll	REG, USA
Dave McGregor	Stepan Company, USA
Silvia Ricchiuto	SSC, Italy
Todd Sandler	ASTM International, USA
Paul Strigner	Consultant, Canada
Mark Tarrien	Green Earth Fuels, USA

### **3. Adoption of the agenda**

The agenda, 28/AG N 271, was adopted with the updating of the document number to N 272 for agenda item 8.

### **4. Review and approve draft report and resolutions from AG meeting held on 22 June 2007**

The draft report, 28/AG N 270, was reviewed and it was noted that the reference in the final paragraph of 8.4.4 should be to 8.5.1 and not 8.4.1. With this correction the report and resolutions were approved.

### **5. Biofuels**

#### **5.1 Establishment of ISO/TC 28/SC 7 Liquid biofuels**

The Secretary referred to 28 N 2328 which indicated that the ISO/TC 28 membership supported the establishment of a new subcommittee on liquid biofuels. Therefore, SC 7 had been formed with an initial membership of 16 P-members and 2 O-members.

The TC 28/AG encouraged SC 7 to meet in conjunction with TC 28 when the technical committee holds its plenary meeting next year in Buenos Aires.

#### **5.2 ISO/TC 28-ISO/TC 34/SC 11 Proposed new Joint Working Group on biodiesel**

The results of the TC 28 enquiry of the proposal to establish a joint working group (JWG) had been distributed as 28 N 2323. For information, the results of the similar enquiry within TC 34/SC 11 had been included in the TC 28 document. Although there was overall support for establishing a JWG, the comments suggested that some TC 28 members were still unclear about the scope of the JWG.

Gina Clapper discussed the proposed JWG scope and explained that the JWG's first order of business was to prepare a definitive scope for ratification by both TC 28 and TC 34/SC 11.

Tom Feuerhelm asked how the scope of the JWG would fit with regard to the newly established SC 7. It was noted that once its scope had been finalized, it may be a better alignment of activities for the JWG to be moved under the jurisdiction of SC 7. However, it would probably be advantageous for the JWG to get up and running and its membership established before it could provide a recommendation as to where it should be positioned within the TC 28 committee structure. In the interim, countries represented on SC 7 could nominate further experts to participate in the JWG.

### **6. Status of request from ISO/CS to ASTM and EI in order to use their standards as the basis for the revision of ISO 3104, ISO 3924, ISO 7536 and ISO 2049**

Mike Sherratt reported that the EI had already given permission for IP 406 to be utilized in the revision of ISO 3924. ASTM had put the issue to a D02 Executive Committee vote and the comments had been discussed at the meeting held on 2 December 2007. The D02 Executive Committee had recommended that ASTM approve the request from ISO/CS to utilize ASTM standards in the revision of ISO 2049, ISO 3104, ISO 3924, and ISO 7536. ASTM staff would be formulating a response to ISO/CS.

### **7. Report from the TF on the future of ISO petroleum measurement activities**

Ortwin Costenoble gave the report (attached as Annex B) on behalf of the TF Chairman, Neil Reeve.

The AG noted that the TF had now completed its assigned task (see TC 28 Resolution 18/2006), and that it had previously decided that the TF would be retired when the renewed SC 2 is in effect (28/AG Resolution 21/2006). The ISO/TMB ballot to disband SC 3 and SC 6 and to transfer responsibility for their standards to SC 2 was closing shortly.

The AG agreed the TF would be disbanded, but noted the intention of the TF Chairman to give a final report to the Technical Committee either at or before the plenary meeting in 2008.

The AG encouraged SC 2 to establish a new TF to create momentum in participation from non-American and non-European countries to develop and maintain ISO petroleum measurement standards.

## **8. Request for advice from ISO/TC 28/SC 4/WG 13 Classification and specification of di-methyl ether (DME)**

The AG considered the two questions raised by TC 28/SC 4/WG 13 given in document 28/AG N 272.

With regard to item 1), it was agreed that although the same technical experts would probably be involved in setting specification limits as well as developing test methods, these two functions should be kept separate from an administrative point of view. Therefore, WG 13 could develop classifications and specifications for DME under SC 4, but any new work item proposals for test methods for DME should be balloted through TC 28. Each proposal for a test method would require the nomination of a project leader for that project, although a DME test methods working group could be established under TC 28 if necessary (c.f. ISO/TC 28/SC 4/WG 3 *Classification and specifications of hydraulic fluids*, and ISO/TC 28/WG 12 *Hydraulic fluid test methods*).

With regard to item 2), the Chairman suggested that the group wait until SC 7 was more firmly established before advising SC 4 as to what action might be taken on ISO 8216-99 *Petroleum products – Fuels (class F) – Classification – Part 99: General*, to accommodate the change to the TC 28 scope to include bio-products.

Jean-Paul Perret explained that sometimes DME is of biological origin, and sometimes of synthetic origin. Therefore, the question being asked when extending ISO 8216-99 to cover biofuels was whether DME should be included, or whether there should be a separate classification (standard) for DME.

The AG suggested that the SC 4/WG 13 Convenor contact the Project Leader for ISO 8216-99 in order to discuss the merits of each option and to come back to SC 4 with a recommendation.

## **9. Date of 2008 ISO/TC 28 plenary meeting**

IRAM had booked meeting facilities for ISO/TC 28 for 26-30 May 2008 in Buenos Aires, Argentina.

Jean-Paul Perret indicated that SC 4, SC 4/WG 6, SC 4/WG 12, and SC 4/WG 13, would also likely meet in conjunction with TC 28 in Buenos Aires.

## **10. Any other business**

### **10.1 ISO/TC 28 Secretariat**

The Secretary reported that since 1996 ANSI had delegated responsibility to API for:

- ISO/TC 28 Secretariat (Petroleum products & lubricants - Test methodology)
- ISO/TC 28 Advisory Group Secretariat
- ISO/TC 28-TC 22/SC 7 (Diesel fuel lubricity) Joint Working Group (JWG) Secretariat
- U.S. Technical Advisory Group (TAG) Administration for ISO/TC 28, ISO/TC 28/SC 1 (Terminology), and ISO/TC 28/SC 4 (Classifications and specifications)

Approval had been obtained from the U.S. Technical Advisory Group (TAG) to ISO/TC 28, ISO/TC 28/SC 1 and ISO/TC 28/SC 4, for responsibility for these functions listed above to be transferred from API to ASTM International as of January 1, 2008, subject to approval in accordance with the relevant procedures of ANSI.

Furthermore, since 1996 ANSI had also delegated responsibility to API for the following functions, and API would be retaining these functions on behalf of ANSI:

- ISO/TC 28/SC 2 Secretariat (Dynamic petroleum measurement)
- ISO/TC 28/SC 6 Secretariat (Bulk cargo transfer, accountability, inspection and reconciliation)
- U.S. TAG Administration for ISO/TC 28/SC 2, ISO/TC 28/SC 3 (Static petroleum measurement), ISO/TC 28/SC 5 (Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels) & SC 6.

This division of responsibilities for these particular ISO roles would more closely align with the standards portfolios of API and ASTM, and hence the interests of the constituents of these standards developing organizations.

Todd Sandler of ASTM International was introduced to the group. Todd is currently Secretary to ISO/TC 61 *Plastics*, and will also be assuming the role of ISO/TC 28 Secretary from 1 January 2008.

The AG expressed their thanks to Paula Watkins who had been Secretary to TC 28 and the AG for the last 11 years. Paula Watkins explained that she would be working with Todd Sandler to ensure a smooth transition of responsibilities.

## **11. Date of the next AG meeting**

It was agreed that the AG would next meet prior to the ISO/TC 28 plenary meeting in Buenos Aires, during the time frame 26-30 May 2008.

Respectfully submitted,

*Paula Watkins*

Paula Watkins  
Secretary to ISO/TC 28/AG

## Annex A

### **Resolutions of the ISO/TC 28/AG meeting, 6 December 2007, Phoenix, USA**

#### **ISO/TC 28 AG Resolution 15/2007 AG Chairman**

The ISO/TC 28/AG notes that Kenneth Henderson has stepped down as AG Chairman, and that Dr. W. James Bover will assume the role of AG Chairman *pro-tem*.

The AG expresses its gratitude to Kenneth Henderson for his work as AG Chairman, 2004-2007.

#### **ISO/TC 28 AG Resolution 16/2007 Adoption of the agenda**

The ISO/TC 28/AG adopts the agenda as given in 28/AG N 271 with the updating of the document reference to N 272 for agenda item 8.

#### **ISO/TC 28 AG Resolution 17/2007 Report and resolutions from AG meeting held on 22 June 2007**

The ISO/TC 28/AG approves the report and resolutions from the meeting held on 22 June 2007 in Miami Beach, 28/AG N 270, with the correction to the reference in the final paragraph of 8.4.4 from 8.4.1 to 8.5.1.

#### **ISO/TC 28 AG Resolution 18/2007 TF on the future of ISO petroleum measurement activities**

Further to AG Resolution 21/2006, the ISO/TC 28/AG agrees to disband the TF on the future of ISO petroleum measurement activities, noting the intention of the TF Chairman to give a final report to TC 28 either at or before the plenary meeting in 2008.

The AG expresses its appreciation to the TF Chairman, Neil Reeve, for the completed work.

The AG encourages SC 2 to establish a new TF to create momentum in participation from countries/regions other than USA and Europe to develop and maintain ISO petroleum measurement standards.

#### **ISO/TC 28 AG Resolution 19/2007 ISO/TC 28 Secretariat**

The ISO/TC 28/AG notes that responsibility for the following Secretariat functions (on behalf of ANSI) will be transferred from API to ASTM International as of 1 January 2008:

- ISO/TC 28 Secretariat (Petroleum products & lubricants - Test methodology)
- ISO/TC 28 Advisory Group Secretariat
- ISO/TC 28-TC 22/SC 7 (Diesel fuel lubricity) Joint Working Group (JWG) Secretariat
- U.S. Technical Advisory Group (TAG) Administration for ISO/TC 28, ISO/TC 28/SC 1 (Terminology), and ISO/TC 28/SC 4 (Classifications and specifications)

Furthermore, the AG notes that API will be retaining the following functions on behalf of ANSI:

- ISO/TC 28/SC 2 Secretariat (Dynamic petroleum measurement)
- ISO/TC 28/SC 6 Secretariat (Bulk cargo transfer, accountability, inspection and reconciliation)
- U.S. TAG Administration for ISO/TC 28/SC 2, ISO/TC 28/SC 3 (Static petroleum measurement), ISO/TC 28/SC 5 (Measurement of refrigerated hydrocarbon and non-petroleum based liquefied gaseous fuels) & SC 6.


The AG expresses its appreciation to Paula Watkins, the TC 28 and AG Secretary from 1996-2007.

#### **ISO/TC 28 AG Resolution 20/2007 Next AG meeting**

The ISO/TC 28/AG agrees to next meet in conjunction with the ISO/TC 28 plenary meeting during 26-30 May 2008 in Buenos Aires, Argentina.

## Annex B

Slide 1




# ISO/TC 28 AG

Phoenix – USA / 7 December 2007

Report from ISO/TC 28 TF on  
SC's assessment in relation to API/EI agreement  
(ISO/TC 28 Resolution 18/2006)

Neil Reeve / Ortwin Costenoble

Slide 2



## Resolution 18/2006, TF tasks

- Develop assessment of SCs 2, 3 and 6 current situation and develop a vision for their near term activities
- Consider opportunities of API-EI Agreement and its proposed implementation guide
- Provide comments and recommendations regarding parallel development resulting in single documents to SCs' meeting

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Slide 3



## Overview TF

Overall participation of 34 members, 12 countries  
Mainly telcons and e-mail correspondence  
Made a SC and ISO Member enquiry  
Drafted standards assessment  
Discussed several version of buy-in processes


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## Common aspirations

- To create only one standard for a topic (when needed globally)
- To get the standard accepted for global use
- To do the work only once
- To attract the broadest community of experts participating in the development
- To develop a standard in the shortest possible timeframe


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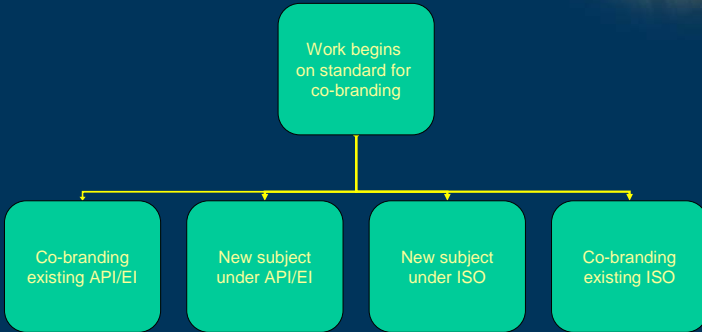
## Identified 2 main routes to meet aspirations Both based on API/EI Agreement

- Sequential: API/EI carries out development. Preferably with input global stakeholders. Publish API/EI document, passed to ISO for subsequent ballot.
- Parallel: API or EI or ISO raises new work item. Worked jointly in all three organizations. Published simultaneously in all three organizations.

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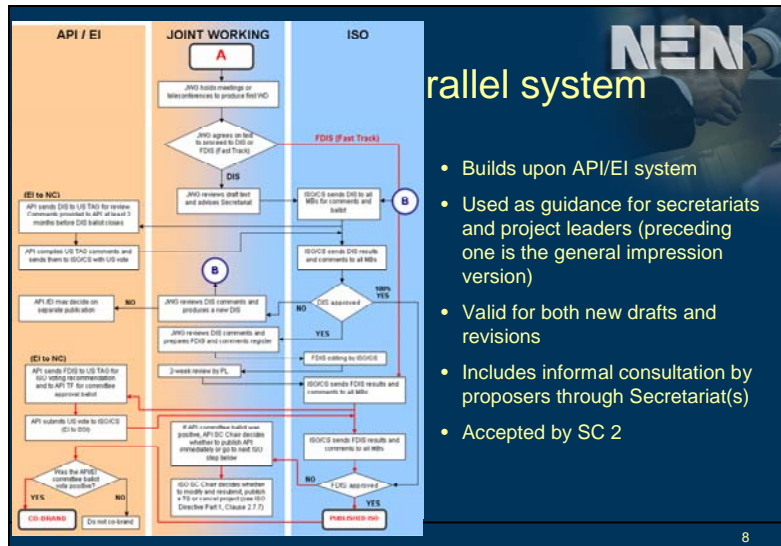
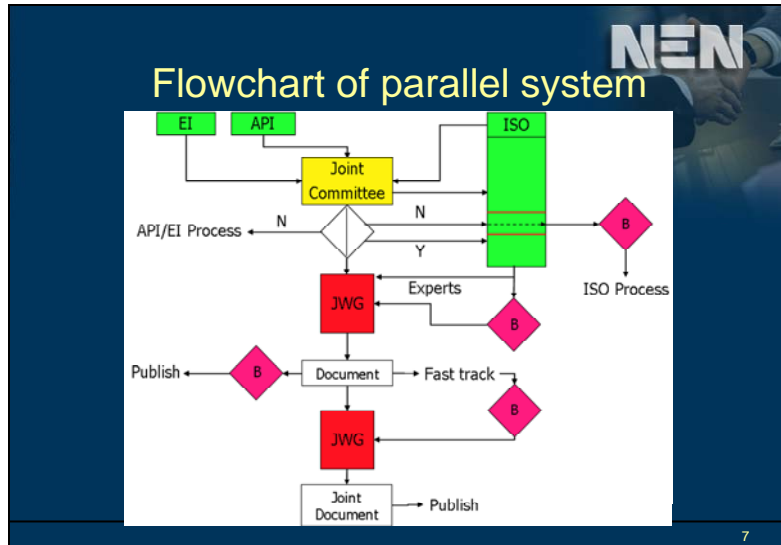


## Flowchart of parallel system



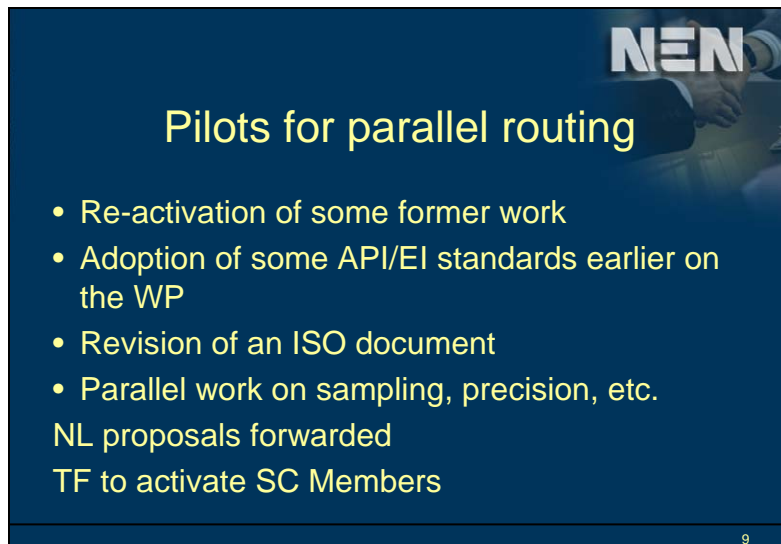
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graph TD; A[Work begins on standard for co-branding] --> B[Co-branding existing API/EI]; A --> C[New subject under API/EI]; A --> D[New subject under ISO]; A --> E[Co-branding existing ISO];
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parallel system

- Builds upon API/EI system
- Used as guidance for secretariats and project leaders (preceding one is the general impression version)
- Valid for both new drafts and revisions
- Includes informal consultation by proposers through Secretariat(s)
- Accepted by SC 2





## Parallel route

Critical success conditions:

- Approval of API/EI leadership: done
- Swift reaction by each Secretariat
- Participation from at least 5 ISO Members

Critical success factor:

- Simultaneous publication in API, EI and ISO

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## TF future?

Proposal concerning re-organization accepted  
Improvements to ISO process handled by SC 2  
As per SC 2 last plenary identified:

- Complete detailed parallel route work process
- Report to ISO/TC 28/AG
- (Potentially) facilitate initiation of pilot(s) – no proposals made public

Final reporting at ISO/TC 28 meeting

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## TF future proposal

Finalize documentation and process descriptions  
Set up a TF in SC 2 to create momentum in non-American and non-European countries  
Final report by TF at ISO/TC 28 meeting, following official disbandment

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