CEN/TC67
TACIS STUDY TOUR

Presented by Alain Loppinet, immediate past Chair

BRATISLAVA, September 2010
THE PURPOSE OF THE PROJECT being:

*Harmonization of gas and oil technical standards and practices in Eastern Europe and the Caucasus.*

- It could be interesting to review where the standardization is done at the international level for the equipments and services used in the Petroleum, Petrochemical and Natural Gas:

  >> *in ISO TC67 at the international level*

  >> *in CEN TC12 at the European level*

- In each case, I will give you some possibilities to better participate in this standardization in order to get those international standards approved in your countries.
ISO/TC 67  TITLE & SCOPE

• **TITLE**: Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries

• **SCOPE**: Standardization of the materials, equipment and offshore structures used in the drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries.

Excluded: aspects of offshore structures subject to IMO requirements (ISO / TC 8).
ISO/TC 67 STATEMENTS

Mission:
To create value-added standards for the oil and natural gas industry

Vision:
Global standards used locally worldwide

Goals:
– Prepare standards required by this industry
– Prepare standards that could be adopted worldwide by bodies such as ABNT (Brazil), API (USA), CEN (Europe), EASC (CIS), GSO (Gulf Region), SAC (China) etc
– Prepare standards that are recognized by regulators in various countries
– Publish standards that enable oil & gas companies to minimize their internal specifications
– Deliver standards to the target dates on the agreed work programme
ISO/TC 67 & CEN/TC 12 Vision

Global Standards Used Locally Worldwide
ISO TC67 organisation and secretariat (flag)

TC67 Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries

Management Committee

- Re-established in 1989 with ANSI/API holding secretariat
- Member countries: 29 participating, 31 observing
- Involves more than 1,500 engineers around the globe
- Last annual plenary meeting, in Canada, 1-2 October 2009
- Next annual plenary meeting in Doha, 26-27 October 2010
- Management Committee meets three times per year
- Published standards: 144
- Current work programme: 71 standards (new + revisions)
1. **ISO/TC 67:**
   - ANSI/API (USA) have relinquished the Secretariat of ISO/TC67 after 20 years service
   - ISO have allocated this Secretariat to NEN (the Netherlands) – (July 2009)
   - and Effective from October 2009:
     - Neil Reeve – Chair (Shell)
     - Harold Pauwels – Secretary (NEN)

2. **ISO/TC 67 SC2 (Pipeline Transportation Systems)**
   - NEN (The Netherlands) is relinquishing SC2 Secretariat
   - Tripartite agreement made between Russian Federation, Italy and China.
   - UNI/UNSIDER (Italy) to take the secretariat to be twinned with China.
   - Federation of RUSSIA to take the chairmanship with 2 vice-chairs from China & Italy.

*To be finalized during ISO/TC67 meeting in Doha, 26-27 Oct 2010*
MEMBERS OF ISO/TC 67

29 Participating (P) Members in TC:

Argentina, Bahrain, Belgium, Brazil, Canada, China, Denmark, Finland, France, Germany, Indonesia, Iran, Italy, Japan, Kazakhstan, Korea, Mexico, Netherlands, Norway, Portugal, Qatar, Romania, Russian Federation, South Africa, Spain, Sweden, Ukraine, United Kingdom, USA

31 Observer (O) Members in TC:

Australia, Austria, Azerbaijan, Bulgaria, Colombia, Croatia, Cuba, Czech Republic, Ecuador, Egypt, Hong Kong, Hungary, India, Ireland, Libya, Malaysia, Moldova, Mongolia, Nigeria, Oman, Poland, Saudi Arabia, Serbia, Singapore, Slovakia, Switzerland, Thailand, Trinidad and Tobago, Turkey, United Arab Emirates, Viet Nam

In the sub-committees the participation of the "project “countries is poor:

Only Ukraine in ISO TC67 SC2
PARTICIPATION IN ISO TC67

• As your National Standardization Body is member of ISO, you may become « P » member In ISO TC67 or in Sub-Committee(s) of interest for you.

• As P Member you will have the right:
  ➢ to participate to all the meetings of the TC/SCs in which you become P member.
  ➢ To receive all the corresponding documents as well as all the draft standards as CD, DIS and FDIS stage and to COMMENT & VOTE ON THE TEXTS
  ➢ To send experts to participate to the drafting of the standards in the corresponding Working and task groups.
  ➢ You may also be « O » member but in this case you have no right to vote.
To do that, what you also need to facilitate is to create a « Mirror Committee » of ISO TC67 and/or of the ISO TC67 SC of interest for you.

Once voted, you may decide if you want to integrate the corresponding standard in your National Collection in one of the official ISO language (english or french) version or in your own language by deciding so in your mirror committee and by following the rules of your NSB.

**NOTE THAT YOU HAVE NO OBLIGATION TO ADOPT SUCH ISO STANDARD IN YOUR OWN COLLECTION OD NATIONAL STANDARDS**
• **TITLE:** Materials, equipment and offshore structures for petroleum, petrochemical and natural gas industries

• **SCOPE:** Standardisation of the materials, equipment and offshore structures used in the drilling, production, transport by pipelines and processing of liquid and gaseous hydrocarbons within the petroleum, petrochemical and natural gas industries, excepting gas infrastructure from the input of gas into the onshore transmission network up to the inlet connection of gas appliances (covered by CEN/TC234) and those aspects of offshore structures covered by IMO requirements (ISO/TC8).

The standardization within CEN/TC 12 is to be achieved wherever possible by adoption of ISO standards.

*Note: CEN/TC 12 scope is nearly identical to ISO/TC 67 scope.*
MEMBERS OF CEN TC 12

• The National Standardization Bodies (NSB) of the CEN members are participating members in all the TCs, including CEN TC12 (or CEN TC234 or CEN TC19).
• These countries (members of the CEN) are the 27 members of the European Union + Croatia + 3 members of EFTA
• They have the right to participate to all the meetings,
• They may send experts in all the working groups in charge of drafting the standards
• They have the right to vote to all the projects (standards).
• They receive all the documentation.
WHO ARE PARTICIPANTS IN CENTC12?

• In the working groups who are drafting the standards, the participants are experts from the stakeholders of each NSB member of CEN (Industrie, users & suppliers, Institutes, Civil Servants, representatives of Associations such as consumers, or ecologists, Regulation bodies). They are nominated by your NSB.

• In the TCs meetings, the representatives are officially nominated in mirror committees of the CEN TC. They are chosen amongst the participants of the mirror committees: industry representatives (user and/or supplier); standardization body representative; etc...
AFFILIATE MEMBERS (1)

- Your standardization body is **AFFILIATE MEMBER** of CEN:

**REMINDER: CRITERIA TO BECOME AFFILIATE**

- Affiliation with CEN is available to **National Standards Bodies** in European countries that have close links with the European Union (EU) and European Free Trade Association (EFTA) in relation to technical, scientific, economic, political and social conditions, *(taking into account following Article 6.2 of the CEN Statutes)*.

- Article 6.2 “The national members are the national standards bodies of member countries of EC or EFTA, or of countries likely to become members of EC or EFTA”.

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Affiliates are:

- National Standards Bodies from a country officially identified as a potential candidate for joining the EU or EFTA
  AND
- Members of ISO
  AND
- National Standards Bodies which have accepted the WTO Code of Practice for the preparation, adoption and application of standards.

• Note that this statute once asked by a NSB is attributed by the CEN General Assembly by unanimity vote and that there is a fee to be paid calculated according to some criteria which could be too long to explain here.
• YOU ARE ALREADY CEN AFFILIATES:
  ARMENIA, AZERBAIJAN, BELARUS, GEORGIA, REPUBLIC OF MOLDAVA & UKRAINE
RIGHTS OF AN AFFILIATE

- To participate in CEN Technical Committees and Subcommittees as an observer
- To reproduce and sell drafts for CEN Enquiry within own country & to submit comments on these draft standards circulated for CEN enquiry. (but without right to vote)
- To sell ratified ENs, if adopted as national standards, in accordance with CEN/CENELEC Guide 10 (policy for the distribution and sales of CEN/CENELEC publications)
- To sell CEN publications, e.g. CEN Catalogue, in accordance with CEN/CENELEC Guide 10
OBLIGATIONS OF AN AFFILIATE

• Implements European Standards (ENs) as national standards in own language or in one of the official CEN languages (English, French or German) and withdraws conflicting national standards

• & wherever possible

  ➢ Notifies all new national projects to the CEN Management Centre (CMC) and

  ➢ implements standstill on national work in accordance with the procedure for the provision of information in the field of standards, as given in Directive 98/34/EC
How to Become CEN TC12 Member?

As your standardization body is affiliate of CEN the only thing to do to participate in CEN TC12 activity is to send a formal request to the CEN TC12 SECRETARIAT with copy to its Chair:

- **SECRETARIAT:** Mrs Alice JUBEAU
  Tel.: +33 (0)1 41 62 84 07
  E-mail: alice.jubeau@afnor.org

  **AFNOR NORMALISATION**
  11 rue Francis de Pressensé
  93571 La Plaine Saint-Denis Cedex FRANCE

- **CHAIR:** Mr Gilles TRICAN
  E-mail: gilles.trican@total.com
ADVANTAGES TO WORK IN CEN TC12

IN CEN TC12, we are working according to the following bases in our action of standardization:

• CEN TC12 adopts ISO TC67 Standards in EUROPE.
• We use Vienna Agreement between ISO and CEN.
• 3 European countries shall participate to the work done in the corresponding ISO Working Groups. (agreement renewed in 2010 instead of the 5 usual)
• We prefer parallel voting of the standards at the stages of DIS (Preliminary Enquiry in CEN) and FDIS (Final vote in CEN) in order to have our needs taken care of in each standard. UAP (Unique Acceptance Procedure) could be used if the parallel way is impossible for any reason impossible)
<table>
<thead>
<tr>
<th>ISO TC67</th>
<th>CEN TC12</th>
</tr>
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<tbody>
<tr>
<td>NWI circulated in ISO</td>
<td>NWI circulated in CEN (at the same time)</td>
</tr>
<tr>
<td><strong>CONDITIONS OF ACCEPTANCE</strong></td>
<td><strong>CONDITIONS OF ACCEPTANCE</strong></td>
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<tr>
<td>1. Qualified majority with votes (according to ISO rules).</td>
<td>1. Qualified majority with weighted votes (according to CEN rules).</td>
</tr>
<tr>
<td>2. 5 International countries nominate experts to participate to work in ISO.</td>
<td>2. 3 European countries nominate experts to participate to work in ISO.</td>
</tr>
<tr>
<td>3. 1 international Project Leader is nominated</td>
<td>3. 1 European Project Leader is nominated</td>
</tr>
<tr>
<td>« AWI xx xxx »</td>
<td>« WI 012 yyy »</td>
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**HOW DOES IT WORKS? (2)**

<table>
<thead>
<tr>
<th>ISO TC67</th>
<th>CEN TC12</th>
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<tbody>
<tr>
<td>Launching of the Draft International Standard</td>
<td>Launching in parallel of the Preliminary Enquiry</td>
</tr>
<tr>
<td>DIS XX XXX</td>
<td>prEN ISO xx xxx</td>
</tr>
<tr>
<td>All comments from ISO and CEN taken care of in ISO WG with European experts.</td>
<td>Europe sends comments to the draft.</td>
</tr>
<tr>
<td>Launching of Final Draft International Standard</td>
<td>Launching in parallel of the Final Vote</td>
</tr>
<tr>
<td>FDIS XX XXX</td>
<td>prEN ISO xx xxx</td>
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*In ISO: 1 country = 1 vote*

*In CEN: 1 country = 1 weighted vote*
If the ISO vote and the CEN qualified one are both positive, we will have the same standards in both organisation (for example):

ISO xx xxx:200y
EN ISO xx xxx:200y

and

then by obligation in each European Country, and in your country as well if you are affiliated in CEN TC12, you will have to implement a national adoption either in english, french or in your National language.

YY EN ISO xx xxx:200y
ZZ EN ISO xx xxx:200y
ISO TC67 has published 144 standards.

API has adopted 72 of these as joint API / ISO standards.

CEN has adopted 122 of these as joint European EN ISO standards.

China, Gulf Region, India, Kazakhstan etc. have also adopted many of these ISO standards.

In your country you may be able to reach any goal needed by you through the EN ISO way.
<table>
<thead>
<tr>
<th>ISO</th>
<th>EN</th>
<th>API</th>
<th>TITLE</th>
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<tbody>
<tr>
<td>In revision</td>
<td>in revision WI 215</td>
<td></td>
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<tr>
<td>ISO 10418 : 2003</td>
<td>EN ISO 10418 : 2003</td>
<td></td>
<td>P&amp;NGI - Offshore production installations – Analysis design, installation and testing of basic surface process safety systems</td>
</tr>
</tbody>
</table>

This list is edited twice a year by CEN TC12/OGP and available on OGP website: www.ogp.org.uk
INOGATE STUDY TOUR

THANKS FOR YOUR ATTENTION

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