

ISO TC67 SC2

N 453

**Report of ISO TC67 SC2**

**Status of all items and actions taken**

1. **SC title:** Pipeline transportation systems for the petroleum and natural gas industries
2. **SC scope:** All fluids transported by or for the petroleum and natural gas industries on land and offshore
3. **SC secretariat :**  
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4. **Chairman:**  
J.Guyt  
Shell International Exploration and Production BV  
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The Netherlands  
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E-mail:Jaap\_Guyt@SakhalinEnergy.RU
5. **SC Secretary:** Same as 3)
6. **SC 2 membership :**

<b>P members</b>	<b>20</b>		<b>O members</b>	<b>06</b>
<b>Argentina</b>	<b>IRAM</b>		<b>Australia</b>	<b>SAI</b>
<b>Brazil</b>	<b>ABNT</b>		<b>Korea</b>	<b>KATS</b>
<b>Canada</b>	<b>SIC</b>		<b>Malaysia</b>	<b>DSM</b>
<b>Denmark</b>	<b>DS</b>		<b>Poland</b>	<b>PKN</b>
<b>Finland</b>	<b>SFS</b>	<b>new</b>	<b>Serbie &amp; Monte negro</b>	<b>SZS</b>
<b>France</b>	<b>AFNOR</b>		<b>Spain</b>	<b>AENOR</b>
<b>Germany</b>	<b>DIN</b>		<b>Switzerland</b>	<b>SNV</b>
<b>Indonesia</b>	<b>BSN</b>			
<b>Iran</b>	<b>ISIRI</b>	<b>new</b>		
<b>Italy</b>	<b>UNI</b>			
<b>Japan</b>	<b>JISC</b>			
<b>Mexico</b>	<b>DGN</b>			
<b>Netherlands</b>	<b>NNI</b>			
<b>Norway</b>	<b>NSF</b>			
<b>Romania</b>	<b>ASRO</b>			
<b>Russia</b>	<b>GOST</b>	<b>new</b>		
<b>Slovakia</b>	<b>UNS</b>			
<b>Sweden</b>	<b>SIS</b>	<b>new</b>		
<b>USA</b>	<b>ANSI</b>			
<b>United Kingdom</b>	<b>BSI</b>			

**20 P- members**

**07 O- members**

7. **Organizational structure:**

<b>Working group/advisory group</b>		<b>Convenor</b>
EDC	Editing committee	E. Gjertveit
WG1	Format/content pipeline standard	disbanded
WG3-7	Pipeline transportation systems	disbanded, resolution no 205
WG2	Pipeline valves ISO 14313, mntce	R. Faircloth
WG8	Welding of pipelines ISO 13847, mntce	To be nominated, Faircloth ad interim
WG9	Subsea pipeline valves ISO14723, mntce	R. Faircloth
WG10	Induction bends, flanges, fittings ISO15590-1, FDIS 15590-2, DIS 15590-3	R. Rapp
WG11	Cathodic protection on land and offshore pipelines, FDIS 15589-1,-2	S. Eliassen
WG12	Reliability based limit state methods, DIS 16708	T. Sotberg
WG13	Pipeline transportation systems, ISO 13623, Maintenance, queries	J. Powers
WG14	External pipeline protective coatings, WI 21809	M. Dabiri
WG14-1	Polyolefin coatings (3 layer PE and PP)	P. Gronsfeld
WG14-2	Fusion bonded epoxy coatings	K. Coulson
WG14-3	Field joint coatings	M. Roche
WG14-3	Polyolefin coatings (2 layer PE)	K. Coulson
WG15	Testing procedures for mechanical connectors DIS 21329	T. Jee
WG16	Linepipe, ISO 3183 revision	F. Christensen

8. **Work programme :** As per resolution no 293

<b>Standard</b>	<b>Stages</b>	<b>Registration date</b>	<b>Revision May 2002</b>	<b>Revision May 2003</b>
13623 Pipeline transp. systems	publication		Apr 00	ditto
13847 Pipeline welding	publication		Sep 00	ditto
14313 Pipeline valves	publication		Oct 99	ditto
15590-1 Induction bends	publication		Jun 01	ditto
15589-1 Cathodic protection pipelines on land	Registration CD publication DIS        "      " FDIS       "      " publication	99.06.25	Jun 99 Mar 00 Sep 01 Sep 03 Jan 04	Jun 99 Mar 00 Feb 02 Sep 03 Jan 04
15589-2 Cathodic protection pipelines offshore	Registration CD publication DIS        "      " FDIS       "      " publication	99.06.25	Jun 99 Mar 00 Sep 01 Sep 03 Jan 04	Jun 99 Mar 00 Feb 02 Nov 03 Mar 04
15590-2 Fittings	Registration CD publication DIS        "      " FDIS       "      " publication	99.07.25	Jul 99 Jan 00 Aug 02 Oct 03 Feb 04	Jul 99 Jan 00 Oct 02 Oct 03 Feb 04
15590-3 Flanges	Registration CD publication DIS        "      " FDIS       "      " publication	99.07.25	Jul 99 Apr 02 Apr 03 Jun 04 Oct 04	Jul 99 Apr 02 Jul 03 Sep 04 Jan 05
16708 Reliability based limit state methods for design	Registration CD publication DIS        "      " FDIS       "      " publication	98.07.04	Jul 98 Nov 01 Dec 02 Feb 04 Jun 04	Jul 98 Nov 01 Oct 03 Dec 04 Apr 05
21329 Testing procedures for mech. connectors	Registration DIS publication FDIS       "      " publication	01.07.24	Jul 01 Dec 02 Feb 04 Jun 04	Jul 01 May 03 Jul 04 Nov 04
21809 External pipeline protective coatings Part – 1, 3 layer PE , PP	Registration Revised scope WD CD publication	01.10.04 03.05.20	Oct 01 May 03 Dec 02 Dec 03	Oct 01 May 03 Sep 03 May 04

	DIS FDIS Publication		Feb 05 Apr 06 Aug 06	May 05 Jul 06 Nov 06
21809 Part – 2 Fusion bonded epoxy coatings	Registrat date WD CD publication DIS FDIS Publication	01.10.04	Oct 01 May 03 May 04 May 05 July 06 Nov 06	Oct 01 May 03 May 04 May 05 July 06 Nov 06
21809 Part – 3 Field joint coatings	Registrat date WD CD publication DIS FDIS Publication	01.10.04	Oct 01 May 03 May 04 May 05 July 06 Nov 06	Oct 01 May 03 May 04 May 05 July 06 Nov 06
21809 Part – 4 2 layer PE	Registrat date Split from part 1 WD CD DIS FDIS Publication	01.10.04 03.05.20		Oct 01 May 03 May 03 May 04 May 05 July 06 Nov 06
3183 Steel pipe	Registrat date Revised scope WD CD publication DIS FDIS Publication	01.07.06 03.04.29	Jul 01 Apr 03  Jul 04 Sep 05 Jan 06	Jul 01 Apr 03 Apr 03 Aug 03 Aug 04 Oct 05 Mar 06

Additional information:

FDIS 15589-1 submitted to ISO Geneva for voting 03.06.02  
 FDIS 15589-2 submitted to ISO Geneva for voting 03.07.04.  
 FDIS 15590-2 submitted to ISO Geneva for voting 03.06.03.  
 DIS 15590-3 submitted to ISO Geneva for voting 03.07.10.  
 DIS 21329 end of 5 month voting is 03.10.08.

9. **Specific information/action items for ISO/TC 67 :**

Extension chairmanship mr Jaap Guyt: initially nominated and appointed for three years, resolution no 282 nominated mr Guyt as chairman for a further three years as from 03.01.01.

Two new work items balloted:

- USA: Integration of ISO 3183 Parts 1, 2 and 3 into one new standard and incorporation of new technology and high strength steels (voting 03.01.29 till 03.04.29). NWIP accepted but WG 16 is requested to investigate whether sufficient justification exists to include grade X120 in the new scope (resolution no 291). Also the title has been revised: ISO 3183: "Petroleum and natural gas industries – Steel pipe for pipeline transportation systems" (resolution no 290).

-Japan: Prediction method and required Charpy impact energy of base metal for avoidance of long running shear fracture in high pressure natural gas pipelines (voting 03.04.10 till 03.-08.01). Proposal for a TR rejected.

The subject "Extended lifetime of existing pipeline systems", is being considered by TC67 SC2 WG13 (maintenance of ISO 13623) for implementation in a revision of ISO 13623 or as a NWIP (resolutions no 286 and 287).

NWIP proposals for revisions of ISO 13623, 14313 and 13847 are being considered.

Management of the TC67 WG 14 project groups requires special attention because of the large number of experts nominated to participate in the various project groups (resolutions no 288 and 289).

## 10. Meetings :

### Past meetings

No 18 – 13/14 June 2000  
No 19 – 09/10 November 2000  
No 20 – 31/05-02/06 2001  
No 21 - 08/09 November 2001  
No 22 – 30/31 May 2002  
No 23 - 20/21 May ..... 2003

### Location

Delft, The Netherlands  
Milan, Italy  
Bratislava, Slovakia  
Houston, USA  
Denpasar, Indonesia  
Oslo Norway

### Future meetings

No 24 - 25/26 May 2004

Berlin, Germany

## 11. Reports of SC Working groups (available on ISO SC2 Livelink site)

Relevant reports are:

N433-WG2, N434-WG9, N436-WG13, N440-WG16, N441-WG15, N442-EDC, N444-WG 12, N446-WG 10, N447-WG14, N450 –WG 11.

12. **SC document register**

Excerpt available on request.