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Title	Pipeline Transportation Systems for the Petroleum and Natural Gas industries

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Report 2009 of the ISO/TC 67/SC 2 secretariat to ISO/TC 67

Weblink: [ISO TC 67/SC 2 webpage](#) (protected area)

- 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
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6 SC 2 membership 27(25) P members and 7(7) O-members.

P-members

Argentina	IRAM
Australia	SA
Brazil	ABNT
China	SAC (2009)
Canada	SCC
Denmark	DS
Finland	SFS
France	AFNOR
Germany	DIN
India	BIS
Indonesia	BSN
Iran	ISIRI
Ireland	NSAI
Italy	UNI
Japan	JISC
Kazakhstan	KAZMEMST
Korea	KATS
Malaysia	DSM
Netherlands	NEN
Norway	SN
Qatar	QS

P-members (continued)

Romania	ASRO
Russia	GOST R
South Africa	SABS
Sweden	SIS
USA	ANSI
United Kingdom	BSI

O-members

Belgium	NBN
Mexico	DGN, will be P-member again in 2010
Poland	PKN
Serbia	ISS
Slovakia	SUTN
Spain	AENOR
Switzerland	SNV

Liaison-members:

- ISO/TC 5/SC 1 Ferrous metal pipes and metallic fittings - Steel tubes (*Excluding tubes and equipment (other than flanges) pipe threads and gauging within the field of work of the petroleum and natural gas industries (ISO / TC 67)*)
- ISO/TC 138 Plastics pipes, fittings and valves for the transport of fluids
- ISO/TC 153 Valves (*excluding production valves for wellhead equipment and valves for cross country pipelines for the petroleum and natural gas industries which are the responsibility of ISO / TC 67*)

7 Organizational structure

Working group/advisory group

EDC Editing committee

Convenor

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WG 1 *Format/content pipeline standard*

disbanded

WG 2 Pipeline valves (ISO 14313)

Mr. Rick Faircloth
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Engineered Valves (EGV)
Cooper Cameron Corporation
Cameron Valves & Measurement
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WG 3-7 Pipeline transportation systems

disbanded

- WG 8 Welding of pipelines (ISO 13847) Mr. Jan Oude Hengel
Interim Convenor
(see Chairman Details)
- WG 9 Subsea pipeline valves (ISO 14723) R. Faircloth (see WG 2)
- WG 10 Induction bends, flanges, fittings (ISO15590-1, - 2 -3) Mr. Bob Schofield
Pipeline Engineer,
Willow Cottage,
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- WG 11 Cath. Protect. land & offshore pipelines (ISO 15589-1,2) Dr.ing Svein Eliassen
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- WG 12 Reliability based limit state methods, (ISO 16708) T. Sotberg (dormant)
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- WG 13 Pipeline transportation systems (ISO 13623) revision Richard Espiner
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- WG 14 External pipeline protective coatings (ISO 21809) M. Dabiri/T. Weber
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- Matt Dabiri
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- WG14-1 Polyolefin coatings (3-layer PE & 3-layer PP) (Denis Grimshaw)
WG14-2 Fusion bonded epoxy coatings (K. Coulson)
WG14-3 Field joint coatings (M. Roche)
WG14-4 Polyethylene coatings (2-layer PE) (D.Wong)
WG14-5 External concrete coatings (Mrs. B. Friedman)
- WG 15 Testing procedures for mech. connectors (ISO 21329) T. Jee (dormant)
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WG 16 Line pipe (ISO 3183)	J. Hammond 7 Pond Lane, Baldock Hertfordshire SG7 5AS, United Kingdom Tel: +44-1462-894603 john.hammond1@btinternet.com
WG 17 Pipeline life extension	Interim Convenor: Mr. Jee (details see WG 15)
WG 18 Actuator sizing for pipeline valves	R. Faircloth (see WG 2)
JWG 19 (SC2/SC 4) Wet thermal insulation coatings	Melot TOTAL Exploration-Production Tour Coupole-Paris La Défense 6 DGEP/TDO/TEC/COR/22D54 France Tel: +33 (1) 47443953 Denis.melot@total.com

8. Work programme – summary of progress since October 2008

12747 Pipeline life extension	DTS document being finalized.
13847 Pipeline welding	Workgroup started revision in April 2007 Delayed, workgroup restarted the work May 2009
15589-1 Cath. protection pipelines on land	Resolution 379, Revision started 2009
15589-2 Cath. protection pipelines offshore	Revision started within WG 11
15590-1 Induction bends (Revision res. 335)	FDIS started Sept 2009
15590-2 Fittings	Resolution 376, Revision started 2009
15590-3 Flanges	Resolution 377, Revision started 2009
21490 Actuation (for pipeline valves)	CD ballot finalized 2009
21809 External pipeline protective coatings	
21809 Part – 1 3 layer PE , PP	2 nd DIS failed. SC 2 resolution 383 taken
21809 Part – 3 Field joint coatings	Draft amendment being drafted
21809 Part – 4 2 layer PE	FDIS started 2009
21809 Part – 5 External concrete coatings	FDIS expected November 2009
AWI Wet thermal insulation coatings	ISO CD drafting phase - aim CD ballot start in 2009

Published since October 2008

ISO 21809-3:2008 Petroleum and natural gas industries -- External coatings for buried or submerged pipelines used in pipeline transportation systems -- Part 3: Field joint coatings

ISO 13623:2009 Petroleum and natural gas industries -- Pipeline transportation systems (2nd edition)

ISO 14723:2009 Petroleum and natural gas industries -- Pipeline transportation systems -- Subsea pipeline valves (2nd edition)

Currently under vote

ISO/FDIS 15590-1 (2nd Ed) Petroleum and natural gas industries -- Induction bends, fittings and flanges for pipeline transportation systems -- Part 1: Induction bends (deadline 2009-10-05)

ISO/FDIS 21809-4 Petroleum and natural gas industries -- External coatings for buried or submerged pipelines used in pipeline transportation systems -- Part 4: Polyethylene coatings (2-layer PE) (deadline 2009-10-05)

9. Specific information action items for ISO/TC 67

None

10. Action items also of interest for ISO/TC 67

Resolution 386 taken at the 2009 SC2 meeting

Noting the proposal from China to TC67 to restart ISO/TC 67/SC 1 (Linepipe) (TC 67 action item 09MC-02) and the response drafted by the convenor of WG 16 (Mr John Hammond), ISO/TC 67/SC 2 requests the secretariat to report to TC 67 that SC 2 is unanimously in favour of keeping linepipe standardization within the scope of SC 2.

Delayed work item

In relation to the strong delayed work item ISO/DIS 21809-1 the following resolution was taken:

Resolution 383: Progress of WG 14-1

Noting that,

– Italy provided a letter to SC 2 supported by Germany and France that the inclusion of powder/powder/powder (P/P/P) coating in the current DIS document was developed without consultation of the Work Group 14-1;

– the Convenor advised that the DIS was distributed (including P/P/P) to the Work Group 14-1 in October 2008, prior to DIS voting request;

– it is the ISO position not to intentionally restrict technologies or products;

ISO/TC67/SC2 decides that:

– the current DIS vote will be completed as planned;

– WG14-1 shall consider the results of the response to the DIS in developing the document to include P/P/P;

– if subsequent to the current DIS vote no consensus is attained in the Work Group to include P/P/P then the Convenor shall recommend to SC 2 that ISO 21809-1 is withdrawn;

– the project leader shall confirm the list of experts for distribution by the SC 2 secretariat.

New work

Resolution 390: Suggested New Work Item

ISO/TC 67/SC 2 thanks the US delegation for the suggestion of a New Work Item related to design & maintenance of cased crossings and requests the US to provide a proposal prior to the 2010 Plenary meeting.

11 Meetings

Past meetings

No 18 - 13/14 June	2000	Delft, The Netherlands
No 19 - 09/10 November	2000	Milan, Italy
No 20 - 31/05-02/06	2001	Bratislava, Slovakia
No 21 - 08/09 November	2001	Houston, USA
No 22 - 30/31 May	2002	Denpasar, Indonesia
No 23 - 20/21 May	2003	Oslo, Norway
No 24 - 25/26 May	2004	Berlin, Germany
No 25 - 07/08 July	2005	Calgary, Canada
No 26 - 18/19 May	2006	London UK
No 27 - 24/25 April	2007	Doha, Qatar
No 28 - 21/22 May	2008	Copenhagen, Denmark
No. 29 22/23 April	2009	Sydney, Australia

Future meetings

No 30 14/16 April	2010	Delft, The Netherlands
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12 Reports and documents of SC Working groups

All available on ISO TC67 SC02 Livelink site in the working group folders.

Weblink: [ISO TC 67/SC 2 webpage](#) (protected area)
