



ISO/TC 28/SC 6 Petroleum products and lubricants – Bulk cargo transfer, accountability, inspection and reconciliation

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To: **P-members**
O-members
L-members

Report of the Secretariat of ISO/TC 28/SC 6 for presentation at the 12th meeting, London, UK, 11 September 2001

- Secretariat:** API on behalf of ANSI
- Chairman:** Position vacant at this time (see 28/SC 6 N 309).
- Secretary:** Mrs. Paula Watkins
- Membership:**

P-members (19)	
Belgium	(IBN)
China	(CSBTS)
France	(AFNOR)
Germany	(DIN)
Israel	(SII)
Italy	(UNI)
Japan	(JISC)
Netherlands	(NEN)
Romania	(ASRO)
Russian Federation	(GOST R)
Singapore	(PSB)
Slovakia	(UNMS)
Spain	(AENOR)
Sweden	(SIS)
Switzerland	(SNV)
Tanzania	(TBS)
Trinidad and Tobago	(TTBS)
UK	(BSI)
USA	(ANSI)

O-members (12)	
Argentina	(IRAM)
Australia	(SAA)
Brazil	(ABNT)
Canada	(SCC)
Croatia	(DZNM)
Finland	(SFS)
Hungary	(MSZT)
Indonesia	(DSN)
Mexico	(DGN)
Poland	(PKN)
Saudi Arabia	(SASO)
Yugoslavia	(SZS)

Boldface indicates a change from the last report

Spain (AENOR) has joined as a P-member.
Croatia (DZNM) has joined as an O-member.
Norway (NSF) has left the subcommittee.

5. Liaisons:

ISO/TC 8 Ships and marine technology

Category A: International Chamber of Shipping (ICS)
International Organization of Legal Metrology (OIML)
Oil Companies International Marine Forum (OCIMF)

Category B International Cargo Handling Coordination Association (ICHCA)
International Maritime Organization (IMO)
Latin American Energy Organization (OLADE)
Mutual Assistance of the Latin American Government Oil Companies (ARPEL)
Organization of Arab Petroleum Exporting Countries (OAPEC)
Organization of the Petroleum Exporting Countries (OPEC)

6. Subcommittee meetings

Last meeting held: 3 September 1999, Berlin, Germany
Next meeting scheduled: 11 September 2001, London, UK

7. ISO/TC 28/SC 6 Structure

WG 2 Operating principles, accounting procedures and model agreements
Convenor: Alan Chamberlain, UK

WG 7 Cargo quality assessment
Convenor: Michel Bourgogne, France

WG 8 Bunkering protocol
Convenor: Lim Li-Lian, Singapore

8. Working group meetings

There have been no working group meetings since the last SC 6 meeting in 1999.

9. Status of the work programme

9.1 New work item proposals (NP) balloted since the last SC 6 meeting

No new work item proposals have been balloted within the Subcommittee since the last meeting.

9.2 Committee drafts (CD) balloted since the last SC 6 meeting

No committee drafts have been balloted within the Subcommittee since the last meeting.

9.3 Draft International Standards (DIS) balloted since the last SC 6 meeting

ISO/DIS 11563 *Crude petroleum and petroleum products – Bulk cargo transfer – Guidelines for achieving the fullness of pipelines*

DIS ballot was initiated on 2000-06-22 and terminated on 2000-11-22.

9.4 Final draft International Standards (FDIS) balloted since the last SC 6 meeting

ISO/FDIS 9403 *Crude petroleum — Transfer accountability — Procedures for cargo inspection*
FDIS ballot was initiated on 2000-02-03 and terminated on 2000-04-03.

9.5 International Standards (IS) published since the last SC 6 meeting

ISO 6296:2000 *Petroleum products — Determination of water — Potentiometric Karl Fischer titration method*
First edition was published on 2000-08-15. French version was corrected and reprinted on 2000-12-15.

ISO 8697:1999 *Crude petroleum and petroleum products — Transfer accountability — Assessment of on board quantity (OBQ) and quantity remaining on board (ROB)*
First edition was published on 1999-10-15.

ISO 9403: 2000 *Crude petroleum — Transfer accountability — Procedure for cargo inspection*
First edition was published on 2000-05-15.

ISO 12937:2000 *Petroleum products — Determination of water — Coulometric Karl Fischer titration method*
First edition was published 2000-11-01.

9.6 Current status of work programme

Please see the summary attached.

Paula Watkins

Paula Watkins
Secretary to ISO/TC 28/SC 6

ISO/TC 28/SC 6 WORK PROGRAMME (STATUS AS OF 30 JUNE 2001)
Petroleum products and lubricants — Bulk cargo transfer, accountability, inspection and reconciliation

IS = Published International Standard	NP = New Work Item Proposal	CS = Central Secretariat	AG = Advisory Group
Tech Corr = Technical Corrigendum	CD = Committee Draft	TC = Technical Committee	PL = Project Leader
(D)TR = (Draft) Technical Report	DIS = Draft International Standard	SC = Subcommittee	CEN = European Standards Organization
PWI = Preliminary Work Item	FDIS = Final Draft International Standard	(J)WG = (Joint) Working Group	

No.	ISO	Status	Related API MPMS Chapter	Title	ISO/TC 28/SC 6	Additional comments
1	3733	IS/99	10.5 ASTM D95	Petroleum products and bituminous materials – Determination of water – Distillation method	WG 7 Convenor: Michel Bourgogne	Second edition published on 1999-09-15. Due for ISO systematic review in 2004.
2	3734	IS/97	10.6 ASTM D1796	Petroleum products – Determination of water and sediment in residual fuel oils – Centrifuge method	WG 7 Convenor: Michel Bourgogne	Second edition published on 1997-08-01. Due for ISO systematic review in 2002.
3	3735	IS/99	10.1 ASTM D473	Crude petroleum and fuel oils – Determination of sediment – Extraction method	WG 7 Convenor: Michel Bourgogne	Second edition published on 1999-03-15. Due for ISO systematic review in 2004.
4	6296	IS/00		Petroleum products – Determination of water – Potentiometric Karl Fischer titration method	WG 7 PL: John Phipps	First edition published on 2000-08-15. French version corrected and reprinted 2000-12-15. Due for ISO systematic review in 2005.
	6296-2	CD/95	–	Petroleum products – Determination of water by potentiometric Karl Fischer titration – Part 2: Fuel oils		Withdrawn from the work programme (see 28/SC 6 N 283). No participants for a round robin to determine precision.
	8338	TR/88	–	Crude petroleum oil – Transfer accountability – Method for estimation on ships of total quantity remaining on board (ROB)		Document obsolete and superseded by ISO 8697. Withdrawn on 1997-05-22.
5	8697	IS/99	17.2/ 17.4	Crude petroleum and petroleum products – Transfer accountability – Assessment of on board quantity (OBQ) and quantity remaining on board (ROB)	WG 1 Convenor: Guy Le Dez	First edition published on 1999-10-15. Due for ISO systematic review in 2004.
6*	9029	IS/90 (96)	10.2 ASTM D4006	Crude petroleum – Determination of water – Distillation method	WG 7 Convenor: Michel Bourgogne	Under systematic review. Ballot closed 2001-06-30. Results available as 28/SC 6 N 315. WG7 recommends standard is confirmed.
7*	9030	IS/90 (96)	10.3 ASTM D4007	Crude petroleum – Determination of water and sediment – Centrifuge method	WG 7 Convenor: Michel Bourgogne	Under systematic review. Ballot closed 2001-06-30. Results available as 28/SC 6 N 316. WG7 recommends standard is confirmed.

ISO/TC 28/SC 6 work programme

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(D)TR = (Draft) Technical Report	DIS = Draft International Standard	SC = Subcommittee	CEN = European Standards Organization
PWI = Preliminary Work Item	FDIS = Final Draft International Standard	(J)WG = (Joint) Working Group	

8	9114	IS/97	–	Crude petroleum – Determination of water content by hydride reaction – Field method	WG 7 Convenor: Michel Bourgogne	First edition published on 1997-12-15. Due for ISO systematic review in 2002.
9	9403	IS/00	17.1	Crude petroleum – Transfer accountability – Procedure for cargo inspection	WG 2 Convenor: Alan Chamberlain	First edition published on 2000-05-15. Due for ISO systematic review in 2005.
10	10336	IS/97	10.7 ASTM D4377 IP 356	Crude petroleum – Determination of water – Potentiometric Karl Fischer titration method	WG 7 PL: John Phipps	First edition published on 1997-12-15. Due for ISO systematic review in 2002.
11	10337	IS/97	10.9	Crude petroleum – Determination of water – Coulometric Karl Fischer titration method	WG 7 PL: John Phipps	First edition published on 1997-12-15. Due for ISO systematic review in 2002.
12*	11563	DIS/00	17.6	Crude petroleum and petroleum products – Bulk cargo transfer – Guidelines for achieving the fullness of pipelines	WG 2 Convenor: Alan Chamberlain	DIS ballot terminated on 2000-11-22. 1 negative submitted [Australia (O-member)]. Comments resolved by WG Convenor and final text prepared.
	11563-2	CD/95	17.6	Crude petroleum and petroleum products – Bulk cargo transfer – Methods for verification of the pipeline content – Part 2: Procedures for calculating contents of transfer pipelines	WG 2 Convenor: Alan Chamberlain	SC 6 agreed, in accordance with a recommendation from WG 2, to delete Part 2 (see resolution 9 of 28/SC 6 N 303). Part 1 renumbered as simply ISO 11563.
13	12937	IS/00		Petroleum products – Determination of water – Coulometric Karl Fischer titration method	WG 7 PL: John Phipps	First edition published on 2000-11-01. Due for ISO systematic review in 2005. CEN/TC 19/WG 26 determining precision for FAME.
14	13739	TR/98	–	Petroleum products – Method for specifying practical procedures for the transfer of bunker fuels to ships	WG 8 Convenor: Li-Lian Lim	Published as a type 2 Technical Report on 1998-10-15. Will be reviewed within 3 years to decide whether to transform into a full IS.
15	13740	IS/98	–	Crude petroleum and petroleum products – Transfer accountability – Assessment of vessel experience factor on loading (VEFL) and vessel experience factor on discharging (VEFD) of ocean-going tanker vessels	WG 2 Convenor: Alan Chamberlain	First edition published on 1998-10-01. Due for ISO systematic review in 2003.