



[ISO/TC 130](#)

Graphic technology

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Secretariat: DIN

### **Secretariats Report to the 24th Plenary, Sao Paulo**

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**Secretariat Report  
to the 24<sup>th</sup> meeting of ISO/TC 130 Graphic technology  
in Sao Paulo, Brazil, 2010-10-16**

**1. Scope of ISO/TC 130 Graphic technology**

*Standardization of terminology, test methods and specifications in the field of printing and graphic technology from the original provided to finished products.*

*The scope includes in particular:*

- *composition*
- *reproduction*
- *printing process*
- *finishing (for example binding)*
- *suitability of inks, substrates and other materials used in graphic technology*

**Note:** *Printing is defined here as a process of reproduction involving the transfer of a medium either coloured or not (ink etc.) to a substrate, using a relief, planographic, intaglio, stencil or other image element.*

## 2. Committee structure and personnel

### 2.1. ISO/TC 130

**Note:** The committee numbers are hyperlinked to the working areas on ISO- and DIN-Livelink, respectively.  
**Note:** All officers of ISO/TC 130 can be contacted via the ISO/TC 130 Secretariat, see details below.

Number	Title	Personnel
<a href="#">ISO/TC 130</a>	Graphic technology	Chairman: Dr. Uwe Bertholdt, DE Secretary: Ms. Karin Winkelmann, DE <sup>1</sup>
<a href="#">ISO/TC 130/WG 1</a>	Terminology	Convenor: Mr. David Penfold, GB Secretary: N.N
<a href="#">ISO/TC 130/WG 2</a>	Prepress data exchange	Convenor: Mr. David Q. McDowell, US Secretary: Ms. Debbie Orf, US
<a href="#">ISO/TC 130/WG 3</a>	Process control and related metrology	Convenor: Mr. Andreas Kraushaar, DE Secretary: Ms. Karin Winkelmann, DE
<a href="#">ISO/TC 130/WG 4</a>	Media and materials	Convenor: Dr. Uwe Bertholdt, DE Secretary: Ms. Karin Winkelmann, DE
<a href="#">ISO/TC 130/WG 5</a>	Ergonomics/Safety	Convenor: Mr. William K. Smythe, US Secretary: Ms. Debbie Orf, US
<a href="#">ISO/TC 130/WG 6</a>	Certified reference materials (stand by; Joint WG with ISO/TC 42)	Convenor: Mr. David Q. McDowell, US Secretary: Ms. Debbie Orf, US
<a href="#">ISO/TC 130/WG 7</a>	Colour management (Joint WG with ICC)	Convenor: Mr. David Q. McDowell, US Secretary: ANSI, US
<a href="#">ISO/TC 130/JWG 8</a>	Revision of ISO 13655 (Joint WG with ISO/TC 42)	Convenor: Mr. Andreas Kraushaar, DE Secretary: Ms. Karin Winkelmann, DE
<a href="#">ISO/TC 130/WG 9</a>	Development of ISO 12640-5 (Joint WG with ISO/TC 42)	Convenor: Mr. David Q. McDowell, US Secretary: Ms. Debbie Orf, US
<a href="#">ISO/TC 130/WG 10</a>	Management of security printing processes	Convenor: Mr. Rob Cornelissen, NL Secretary: Mr. Bart van Cleef, NEN, NL
<a href="#">ISO/TC 130/TF 1</a>	Carbon Footprinting	Convenor: Ms. Laurel Brunner, GB Secretary: BSI, GB
<a href="#">ISO/TC 130/TF 2</a>	Postpress	Convenor: Ms. He Xiaohui, China Secretary: Ms. Cui Yuanchao, SAC, China

### 2.2. Joint working groups with ISO/TC 130 participation under other ISO technical committees

Number	Title	Personnel
ISO/TC 6/SC 2/ WG 39	Printability testing (Joint WG ISO/TC 6/SC 2 and ISO/TC 130)	Convenor: Wilco de Groot, NL Secretary: N.N
ISO/TC 42/WG 21	Density measurements (Revision of ISO 5 series) (Joint WG ISO/TC 42 and ISO/TC 130)	Convenor: David Q. McDowell, US Secretary: Jack Holm, US
ISO/TC 42/WG 22	Colour management (Joint WG IEC/TC 100, ISO/TC 42 and ISO/TC 130)	Convenor: Scott Foshee, US; Jack Holm, US Secretary: Jack Holm, US

<sup>1</sup>)Address of ISO/TC 130 Secretariat

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ISO/TC 42/WG 23	Extended colour encodings for digital image storage, manipulation and interchange (Joint WG ISO/TC 42, ISO/TC 130 and CIE)	Convenor: Scott Foshee, US Secretary: Jack Holm, US
ISO/TC 42/WG 24	Revision of ISO 3664 Viewing conditions (Joint WG ISO/TC 42 and ISO/TC 130)	Convenor: Philip Wychorski, US Secretary: Jack Holm, US
ISO/TC 171/SC 2/ WG 5	Document management applications - Application issues - PDF/A (Joint WG ISO/TC 171/SC 2, ISO/TC 42, ISO/TC 46/SC 11 and ISO/TC 130)	Convenor: Stephen Levenson, US Secretary: N.N.

### 3. Membership of ISO/TC 130

#### P-members 23 countries (Change +4)

*Australia (SA), Austria (ON), Belgium (NBN), Brazil (ABNT), China (SAC), Finland (SFS), France (AFNOR), Germany (DIN), Ireland (NSAI), Israel (SII), Italy (UNI), Japan (JISC), Kenya (KEBS), Korea, Republic of (KATS), Netherlands (NEN), Russian Federation (GOST R), Spain (AENOR), Sweden (SIS), Switzerland (SNV), Thailand (TISI), Ukraine (DSSU), United Kingdom (BSI), United States (ANSI)*

#### O-members 17 countries (Change -3)

*Argentina (IRAM), Croatia (HZN), Cuba (NC), Czech Republic (CNI), Egypt (EOS), Estonia (EVS), Finland (SFS), Hungary (MSZT), India (BIS), Indonesia (BSN), Korea, Democratic People's Republic (CSK), Mongolia (MASM), Poland (PKN), Portugal (IPQ), Romania (ASRO), Serbia (ISS), Tunisia (INNORPI), Turkey (TSE)*

**Changes** Australia (SA), Ireland (NSAI) and Korea, Republic of (KATS) changed its status from O- to P-Member. New P-Member is Israel (SII).

**Note:** Contacts for all ISO member bodies are given on the ISO Website in the section [ISO Members](#).

### 4. Liaisons

#### 4.1. Other ISO and IEC committees in liaison

Committee	ISO/TC 130 Contact person	Committee	ISO/TC 130 Contact person
TC 6	B. Sunderland	TC 171	D. McDowell, B. Mortara
TC 6/SC 2	U. Bertholdt / Luc Lanat	JTC 1/SC 28	A. Kraushaar
TC 35/SC 9	U. Bertholdt	IEC/TC 100	D. Rich
TC 38/SC 1	R. Cheydleur		
TC 42	H. Urabe		

**4.2. International organizations in liaison**

<b>Abbreviation</b>	<b>Name</b>	<b>Contact person</b>
CEPE	European Confederation of Paint, Printing Ink and Artist's Colours Manufacturers Association	J. Robinson
CEPI-CTS	CEPI Comparative Testing Service	F. Savagnone
CIE	International Commission on Illumination	M. Paul
ECMA/TC 46	ECMA International / Technical Committee 46 XML Paper Specification ((not further registered in ISO/GD; note to MLP 2010-09-13))	M. Bailey
ERA	European Rotogravure Association	G. Battrick
ICC	International Colour Consortium	K.W. Smythe
WAN-IFRA	World Association of Newspapers and News Publishers	B. Beckmann R. Thees

**4.3. Others**

<b>Abbreviation</b>	<b>Name</b>	<b>Contact person</b>
ISO/SCIT	ISO Steering Committee for Image Technology	B. Sunderland

**5. Meetings**

Between 2009-10 and 2010-09 the following meetings of ISO/TC 130, its working groups and joint working groups under the administrations of other TCs were held (and will be held). Meetings of Task Forces underneath Working Groups are not listed separately.

<b>Meeting</b>	<b>Date(s)</b>	<b>Location</b>
23 <sup>rd</sup> TC Plenary	2009-09-25	Beijing, China
24 <sup>th</sup> TC Plenary	2010-10-16	Sao Paulo, Brazil
TF 1	2010-04-21	St. Gallen, Switzerland
TF 1	2010-09-14	Sao Paulo, Brazil
(TF 2)	2010-04-22	St. Gallen, Switzerland
TF 2	2010-09-13	Sao Paulo, Brazil
WG 1	2009-09-21/25	Beijing, China
WG 1	2010-10-11/12	Sao Paulo, Brazil
WG 2	2009-09-21/22	Beijing, China
WG 2	2010-04-22	St. Gallen, Switzerland
WG 2	2010-10-14/15	Sao Paulo, Brazil
WG 3	2009-09-22/25	Beijing, China
WG 3	2010-04-19/21	St. Gallen, Switzerland
WG 3	2010-10-11/13	Sao Paulo, Brazil

Meeting	Date(s)	Location
WG 4	2009-09-21	Beijing, China
WG 4	2010-04-23	St. Gallen, Switzerland
WG 4	2010-10-15	Sao Paulo, Brazil
WG 5	2010-04-27/29	Miami, Florida
JWG7	2010-03-05	Tokyo, Japan
WG 9	2009-09-21	Beijing, China
WG 9	2010-04-23	St. Gallen, Switzerland
WG 9	2010-10-15	Sao Paulo, Brazil
WG 10	–	–
ISO/TC 6/SC 2/JWG 39	2009-11-17	Berlin, Germany
ISO/TC 6/SC 2/JWG 39	2010-04-22	St. Gallen, Switzerland
ISO/TC 42/JWG 21	–	–
ISO/TC 42/JWG 22	2010-09-28/10-01	Cologne, Germany
ISO/TC 42/JWG 23	2010-09-28/10-01	Cologne, Germany
ISO/TC 42/JWG 24	–	–

## 6. List of published ISO/TC 130 standards

Here all 69 standards (including Amendments, TS and TR) of ISO/TC 130 are listed which are valid as of the date of circulation of this report. The ISO Central Secretariat publishes [this list](#) - updated on a daily basis with data from ISO project database – on its Website on the [pages giving general information on ISO/TC 130](#).

Seven standards (including Amendments, TS and TR) were published since the last Plenary Meeting of ISO/TC 130 in Beijing, China, 2009-09-26. The corresponding new publications in the table below are marked in "Bold" to make these documents easily recognizable. Note that all standard numbers are hyperlinked. Clicking on them will take you to the bibliographical information of the standard on the ISO Website.

Standard number : Date	Title
<a href="#">ISO 2834-1:2006</a>	Graphic technology -- Laboratory preparation of test prints -- Part 1: Paste inks
<a href="#">ISO 2834-2:2007</a>	Graphic technology -- Laboratory preparation test prints -- Part 2: Liquid printing inks
<a href="#">ISO 2834-3:2008</a>	Graphic technology -- Laboratory preparation of test prints -- Part 3: Screen printing inks
<a href="#">ISO 2836:2004</a>	Graphic technology -- Prints and printing inks -- Assessment of resistance of prints to various agents
<a href="#">ISO 2846-1:2006</a>	Graphic technology -- Colour and transparency of printing ink sets for four-colour printing -- Part 1: Sheet-fed and heat-set web offset lithographic printing

Standard number : Date	Title
<a href="#">ISO 2846-2:2007</a>	Graphic technology -- Colour and transparency of printing ink sets for four-colour printing -- Part 2: Coldset offset lithographic printing
<a href="#">ISO 2846-3:2002</a>	Graphic technology -- Colour and transparency of printing ink sets for four-colour-printing -- Part 3: Publication gravure printing
<a href="#">ISO 2846-4:2000</a>	Graphic technology -- Colour and transparency of printing ink sets for four-colour-printing -- Part 4: Screen printing
<a href="#">ISO 2846-5:2005</a>	Graphic technology -- Colour and transparency of printing ink sets for four-colour printing -- Part 5: Flexographic printing
<a href="#">ISO 5776:1983</a>	Graphic technology -- Symbols for text correction
<a href="#">ISO/TS 10128:2009</a>	Graphic technology -- Methods of adjustment of the colour reproduction of a printing system to match a set of characterization data
<a href="#">ISO 11084-1:1993</a>	Graphic technology -- Register systems for photographic materials, foils and paper -- Part 1: Three-pin systems
<a href="#">ISO 11084-2:2006</a>	Graphic technology -- Register systems for photographic materials, foils and paper -- Part 2: Register pin systems for plate making
<a href="#">ISO 12040:1997</a>	Graphic technology -- Prints and printing inks -- Assessment of light fastness using filtered xenon arc light
<a href="#">ISO 12218:1997</a>	Graphic technology -- Process control -- Offset platemaking
<a href="#">ISO 12634:1996</a>	Graphic technology -- Determination of tack of paste inks and vehicles by a rotary tackmeter
<a href="#">ISO 12635:1996</a>	Graphic technology -- Plates for offset printing -- Dimensions
<a href="#">ISO 12636:1998</a>	Graphic technology -- Blankets for offset printing
<a href="#">ISO 12637-1:2006</a>	Graphic technology -- Vocabulary -- Part 1: Fundamental terms
<a href="#">ISO 12637-2:2008</a>	Graphic technology -- Vocabulary -- Part 2: Prepress terms
<a href="#">ISO 12637-3:2009</a>	Graphic technology -- Vocabulary -- Part 3: Printing terms
<a href="#">ISO 12637-4:2008</a>	Graphic technology -- Vocabulary -- Part 4: Postpress terms
<a href="#">ISO 12639:2004</a>	Graphic technology -- Prepress digital data exchange -- Tag image file format for image technology (TIFF/IT)
<a href="#">ISO 12639:2004/Amd 1:2007</a>	Graphic technology -- Prepress digital data exchange -- Tag image file format for image technology (TIFF/IT) -- Amendment 1: Use of JBIG2-Amd2 compression in TIFF/IT
<a href="#">ISO 12640-1:1997</a>	Graphic technology -- Prepress digital data exchange -- Part 1: CMYK standard colour image data (CMYK/SCID)
<a href="#">ISO 12640-1:1997/Cor 1:2004</a>	Graphic technology -- Prepress digital data exchange -- Part 1: CMYK standard colour image data (CMYK/SCID) -- Technical Corrigendum 1
<a href="#">ISO 12640-2:2004</a>	Graphic technology -- Prepress digital data exchange -- Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID)
<a href="#">ISO 12640-2:2004/Cor 1:2008</a>	Graphic technology -- Prepress digital data exchange -- Part 2: XYZ/sRGB encoded standard colour image data (XYZ/SCID) -- Technical Corrigendum 1
<a href="#">ISO 12640-3:2007</a>	Graphic technology -- Prepress digital data exchange -- Part 3: CIELAB standard colour image data (CIELAB/SCID)
<a href="#">ISO 12641:1997</a>	Graphic technology -- Prepress digital data exchange -- Colour targets for input scanner calibration
<a href="#">ISO 12642-1:1996</a>	Graphic technology -- Input data for characterization of 4-colour process printing -- Part 1: Initial data set
<a href="#">ISO 12642-1:1996/Cor 1:2005</a>	Graphic technology -- Input data for characterization of 4-colour process printing -- Part 1: Initial data set -- Technical Corrigendum 1

Standard number : Date	Title
<a href="#">ISO 12642-2:2006</a>	Graphic technology -- Input data for characterization of 4-colour process printing -- Part 2: Expanded data set
<a href="#">ISO 12643-1:2007</a>	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 1: General requirements
<a href="#">ISO 12643-1:2009</a>	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 1: General requirements
<a href="#">ISO 12643-2:2007</a>	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 2: Press equipment and systems
<a href="#">ISO 12643-3:2008</a>	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 3: Binding and finishing equipment and systems
<a href="#">ISO 12643-4:2010</a>	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 4: Converting equipment and systems
<a href="#">ISO 12644:1996</a>	Graphic technology -- Determination of rheological properties of paste inks and vehicles by the falling rod viscometer
<a href="#">ISO 12645:1998</a>	Graphic technology -- Process control -- Certified reference material for opaque area calibration of transmission densitometers
<a href="#">ISO 12646:2008</a>	Graphic technology -- Displays for colour proofing -- Characteristics and viewing conditions
<a href="#">ISO 12646:2008/Amd 1:2010</a>	Graphic technology -- Displays for colour proofing -- Characteristics and viewing conditions -- Amendment 1
<a href="#">ISO 12647-1:2004</a>	Graphic technology -- Process control for the production of half-tone colour separations, proof and production prints -- Part 1: Parameters and measurement methods
<a href="#">ISO 12647-2:2004</a>	Graphic technology -- Process control for the production of half-tone colour separations, proof and production prints -- Part 2: Offset lithographic processes
<a href="#">ISO 12647-2:2004/Amd 1:2007</a>	Graphic technology -- Process control for the production of half-tone colour separations, proof and production prints -- Part 2: Offset lithographic processes -- Amendment 1
<a href="#">ISO 12647-3:2005</a>	Graphic technology -- Process control for the production of half-tone colour separations, proofs and production prints -- Part 3: Coldset offset lithography on newsprint
<a href="#">ISO 12647-4:2005</a>	Graphic technology -- Process control for the production of half-tone colour separations, proofs and production prints -- Part 4: Publication gravure printing
<a href="#">ISO 12647-5:2001</a>	Graphic technology -- Process control for the manufacture of half-tone colour separations, proof and production prints -- Part 5: Screen printing
<a href="#">ISO 12647-6:2006</a>	Graphic technology -- Process control for the production of half-tone colour separations, proofs and production prints -- Part 6: Flexographic printing
<a href="#">ISO 12647-7:2007</a>	Graphic technology -- Process control for the production of half-tone colour separations, proof and production prints -- Part 7: Proofing processes working directly from digital data
<a href="#">ISO 13655:2009</a>	Graphic technology -- Spectral measurement and colorimetric computation for graphic arts images
<a href="#">ISO 13656:2000</a>	Graphic technology -- Application of reflection densitometry and colorimetry to process control or evaluation of prints and proofs
<a href="#">ISO/TR 14672:2000</a>	Graphic technology -- Statistics of the natural SCID images defined in ISO 12640
<a href="#">ISO 15076-1:2005</a>	Image technology colour management -- Architecture, profile format and data structure -- Part 1: Based on ICC.1:2004-10

Standard number : Date	Title
<a href="#">ISO 15790:2004</a>	Graphic technology and photography -- Certified reference materials for reflection and transmission metrology -- Documentation and procedures for use, including determination of combined standard uncertainty
<a href="#">ISO/TR 15847:2008</a>	Graphic technology -- Graphical symbols for printing press systems and finishing systems, including related auxiliary equipment
<a href="#">ISO 15930-1:2001</a>	Graphic technology -- Prepress digital data exchange -- Use of PDF -- Part 1: Complete exchange using CMYK data (PDF/X-1 and PDF/X-1a)
<a href="#">ISO 15930-3:2002</a>	Graphic technology -- Prepress digital data exchange -- Use of PDF -- Part 3: Complete exchange suitable for colour-managed workflows (PDF/X-3)
<a href="#">ISO 15930-4:2003</a>	Graphic technology -- Prepress digital data exchange using PDF -- Part 4: Complete exchange of CMYK and spot colour printing data using PDF 1.4 (PDF/X-1a)
<a href="#">ISO 15930-5:2003</a>	Graphic technology -- Prepress digital data exchange using PDF -- Part 5: Partial exchange of printing data using PDF 1.4 (PDF/X-2)
<a href="#">ISO 15930-6:2003</a>	Graphic technology -- Prepress digital data exchange using PDF -- Part 6: Complete exchange of printing data suitable for colour-managed workflows using PDF 1.4 (PDF/X-3)
<a href="#">ISO 15930-7:2010</a>	Graphic technology -- Prepress digital data exchange using PDF -- Part 7: Complete exchange of printing data (PDF/X-4) and partial exchange of printing data with external profile reference (PDF/X-4p) using PDF 1.6
<a href="#">ISO 15930-8:2010</a>	Graphic technology -- Prepress digital data exchange using PDF -- Part 8: Partial exchange of printing data using PDF 1.6 (PDF/X-5)
<a href="#">ISO/TR 16044:2004</a>	Graphic technology -- Database architecture model and control parameter coding for process control and workflow (Database AMPAC)
<a href="#">ISO/TR 16066:2003</a>	Graphic technology -- Standard object colour spectra database for colour reproduction evaluation (SOCS)
<a href="#">ISO 16612-1:2005</a>	Graphic technology -- Variable printing data exchange -- Part 1: Using PPML 2.1 and PDF 1.4 (PPML/VDX-2005)
<a href="#">ISO 16612-2:2010</a>	Graphic technology -- Variable data exchange -- Part 2: Using PDF/X-4 and PDF/X-5 (PDF/VT-1 and PDF/VT-2)
<a href="#">ISO 28178:2009</a>	Graphic technology -- Exchange format for colour and process control data using XML or ASCII text

7. ISO/TC 130 Programme of work

This programme of work of ISO/TC 130 is valid as of the date of circulation of this report. The ISO Central Secretariat publishes a [list of projects of ISO/TC 130](#) - updated on a daily basis by the ISO project database -- on its Website on the [pages giving general information on ISO/TC 130](#).

**Note:** Preliminary work items are listed here but not on the ISO Website since ISO only publishes information from the stage of approved work item onwards.

7.1 Preliminary Work Items

WG	Reference	Document title	Current stage	Date of registration	Secretariat remark
4	ISO/PWI 12632	Graphic technology -- Prints and printing inks -- Assessment of penetrability, detachment and resistance of printed labels to hot alkaline solution	00.00	1999-03-31	
9	ISO/NP 12640-5	Graphic technology -- Prepress digital data exchange -- Part 5: Scene-referred standard colour image data (RIMM/SCID)	10.20 (Start date: 2010-08-11 End date: 2010-11-11)	2010-08-11	Ballot closes 2010-11-11
3	ISO/PWI 12647	Planned revision of ISO 12647-1 to -7	00.00	2007-11-09	
3	ISO/PWI 15311	Graphic Technology - Requirements for printed matter utilizing digital printing technologies for the commercial and industrial production	00.20 (Start date: 2009-10-07)	2009-10-07	
3	ISO/NP 15339	Process agnostic creation of printed material originating as digital data	10.20 (Start date: 2010-06-15 End date: 2010-09-15)	2010-06-15	Ballot closes 2010-09-15 (approved)
4	ISO/PWI 15341	Measurement system for radii of printing cylinders	10.20 (Start date: 2010-09-08 End date: 2010-12-08)	2009-10-07	Ballot closes 2010-12-08
4	ISO/PWI 15397	Communication of optical and surface properties of printing substrates (e.g. fluorescence, gloss and colour)	10.20 (Start date: 2010-08-27 End date: 2010-11-27)	2009-10-07	Ballot closes 2010-11-27
2	ISO/PWI 17972	Graphic technology -- Colour data exchange using CxF	00.00	2008-12-10	

## 7.2 Active Work Items

WG	Reference	Project title	Date of Registration	Current stage	Stage date	Limit date as per ISO Directives	Time frame	Secretariat remark
1	ISO/CD 5776.2	Graphic technology -- Symbols for text correction	2009-08-03	30.60	2010-04-06	DIS: 2011-08-03	48	
2	ISO/DIS 12640-4	Graphic technology -- Prepress digital data exchange -- Part 4: Wide gamut display-referred standard colour image data [Adobe RGB (1998)/SCID]	2008-11-12	40.99	2009-08-31	2010-05-12	24	Clarification on Copyright issues in progress and request for changing the timeframe with ISO/CS (36 month). Proposed for direct publication
2	ISO/NP 12642-1	Graphic technology -- Input data for characterization of 4-colour process printing -- Part 1: Initial data set	2009-10-07	10.99	2009-10-07	CD: 2010-10-07 DIS: 2011-10-07	48	Warning approaching CD date
5	ISO/FDIS 12643-2	Graphic technology for graphic technology requirements for graphic technology equipment and systems -- Part 2: Prepress and press equipment and systems	2009-03-13	50.00	2010-07-12		36	Estimated date of FDIS 2010-10-07
5	ISO/PRF 12643-3	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 3: Binding and finishing equipment and systems	2009-03-13	50.00	2010-07-12		36	Estimated date of Proof 2010-10-07
5	ISO/PRF 12643-5	Graphic technology -- Safety requirements for graphic technology equipment and systems -- Part 5: Stand-alone platen presses	2009-05-04	50.00	2010-07-12		36	Estimated date of Proof 2010-10-07
3	ISO/NP 12647-4	Graphic technology -- Process control for the production of half-tone colour separations, proofs and production prints -- Part 4: Publication gravure printing	2009-10-07	10.99	2009-10-07	CD: 2010-10-07 DIS: 2011-10-07	48	Warning approaching CD date
3	ISO/CD 12647-6	Graphic technology -- Process control for the production of half-tone colour separations, proofs and production	2009-11-18	30.20 (Start date: 2010-08-12)	2010-08-12	2011-05-18	36	CD ballot closes 2010-11-12

# ISO/TC 130 N 1702

WG	Reference	Project title	Date of Registration	Current stage	Stage date	Limit date as per ISO Directives	Time frame	Secretariat remark
		prints -- Part 6: Flexographic printing		end date 2010-11-12)				
3	ISO/DIS 12647-8	Graphic technology -- Process control for the production of half-tone colour separations, proof and production prints -- Part 8: Validation print processes working directly from digital data	2009-09-22	40.20 (Start date: 2010-06-04 End date: 2010-11-05)	2010-06-04	2012-03-22	36	DIS ballot closes 2010-11-05
4	ISO/AWI TR 12705	Graphic technology -- Laboratory test method for chemical ghosting in lithography	2008-03-31	20.00	2008-03-31		36	Estimated CD registration (DTR) after meeting in Sao Paulo 2010-10
10	ISO/AWI 14298	Graphic Technology -- Management of Security Printing Processes	2010-07-08	20.00	2010-07-08	CD: 2011-07-08 DIS: 2012-01-08	36	
3	ISO/CD 14861	Requirements for colour proofing systems using electronic displays	2009-11-20	30.20 (Start date: 2010-06-29 End date: 2010-09-29)	2010-06-29	DIS: 2011-05-20	36	CD ballot closes 2010-09-29
7	ISO/FDIS 15076-1	Image technology colour management -- Architecture, profile format and data structure -- Part 1: Based on ICC.1:2004-10	2009-06-23	50.20 (Start date: 2010-08-18 End date: 2010-10-19)	2010-08-18		36	FDIS ballot closes 2010-10-19

A printable version of the ISO International harmonized stage codes is available at [ISO homepage](#).