

ISO TC 130
AND
US TAG
TO
ISO TC 130

ISO TC 130 and US TAG to ISO TC 130

Background

The International Organization for Standardization Technical Committee 130, Graphic Technology (ISO TC 130), is the international technical committee of ISO that develops International Standards relating to printing, publishing and the graphic arts industry. Information about ISO can be found in **Chapter 3: Who are ANSI, ISO & IEC?**

ISO TC 130 Organization

The Secretariat for ISO TC 130 is Deutsches Institut für Normung (DIN), the German national standards body. Under the agreements made at the 1989 and 1990 Plenary meetings, TC 130 is organized into five working groups (WG) with convener and assistant convener responsibilities assigned to national bodies, and task forces (TF) headed by a chairperson, as follows:

- **WG 1 – Terminology:** Convener – Dipple (U.K.); Assistant Convener – TBD (Brazil)
- **WG 1 TF 1 – Correction Marks:** Chair – Dipple (U.K.)
- **WG 2 – Prepress Data Exchange:** Convener – McDowell (U.S.); Assistant Convener – Aoki (Japan)
- **WG 2 TF 1 – Revision of ISO 12639 (TIFF/IT):** Chair – Kelly (U.S.)
- **WG 2 TF 2 – PDF/X:** Chair – Bailey (U.K.)
- **WG 2 TF 3 – Variable Data Exchange (VDX):** Chair – Donahue (U.S.)
- **WG 3 – Process Control and Related Metrology:** Convener – Dolezalek (Germany); Assistant Convener – Warter (U.S.)
- **WG 4 – Media & Materials:** Convener – Rosenberg (Germany); Assistant Convener – Zawacki (U.S.)
- **WG 4 TF 1 – Inks:** Chair – Rosenberg (Germany)
- **WG 5 – Safety & Ergonomics:** Convener – Smythe (U.S.); Assistant Convener – Open
- **WG 5 TF 1 – Symbology:** Chair – Kinson (U.S.)

In addition, TC 130 participates in three joint working groups (JWG) as follows:

- **TC 42/JWG 20 (Joint with TC 42 – Photography) ISO 17321** *Colour characterization of digital still cameras.* Convener: Holm (US)
- **TC 42/JWG 21 (Joint with TC 130)** Revision of ISO 5 series, Densitometry. Convener: Goodman (US)
- **TC130/JWG6 (Joint with TC 42 – Photography) ISO 15790** *Graphic technology - Reflection and transmission metrology - Documentation requirements for certified reference materials, procedures for use, and determination of combined standard uncertainty, Certified reference materials.* Convener: Steele (US)

The United States is a participating, or P-member, of ISO TC 130. In order for the U.S. to participate in the ISO work, there must be an ANSI-accredited U.S. Technical Advisory Group (TAG) for each ISO TC in which the U.S. has an interest. Those TAGs provide the U.S. technical experts to the ISO committees, and formulate the U.S. position on the ISO TC matters, which is formally submitted by ANSI as the voting member body.

NPES serves as the Secretariat of the US TAG to ISO TC 130.

United States Technical Advisory Group (US TAG) Membership

Membership in the US TAG to ISO TC 130 is open to all U.S. organizations and individuals who have an interest, and who may be directly and materially affected by the standards work. There is no membership fee; however, members are expected, at a minimum, to review and comment on documents under development that fall into their areas of interest and expertise. To join the US TAG, please complete the application form at the end of this chapter. Please direct US TAG membership questions to NPES Director of Standards Programs, Mary Abbott at mabbott@npes.org.

ISO TC 130 Working Groups and Technical Experts

ISO Technical Committees often establish working groups for specific tasks. A working group reports to its parent committee through the working group convener. A working group is comprised of a number of individually appointed experts brought together to deal with the specific task allocated to the working group. The experts act in a personal capacity; however, it is recommended that they keep in close contact with the Participating (P) member organization by which they have been appointed.

Arrangements for meetings of working groups are made between the convener of the working group and the member of the working group in whose country the meeting is being held.

ISO TC 130/JWG 7 - Colour Management

The International Color Consortium (ICC) entered into discussions with ISO TC130 regarding an interest in having the ICC specification become an ISO standard. TC 130 responded by having a new work item approved for this project. A formal agreement was made between the ICC and ISO identifying the responsibilities and process for the development of ICC specifications as ISO standards, and the distribution rights of such documents.

The ISO Joint Working Group (ISO/TC130/JWG 7 – Colour Management) was formed to handle the work with other ISO Technical Committees invited to participate. TC 130 is the administrator of the joint working group. For more information on the ICC, see **Chapter 8: Industry Consortia**.

ISO TC 130 Joint Work with ISO TC 171 SC2 JWG 5

TC 130 is one of 4 ISO Technical Committees involved in the work of an ISO Joint Working Group – ISO/TC 171 SC 2 JWG 5 (Document management applications, Application issues, PDF/A) – to develop a standard that defines the use of PDF to create an archival format for long-term retention of documents. ISO 19005-1, *Document management - Electronic document file format for long-term preservation - Part 1: Use of PDF (PDF/A)*, is being developed jointly by ISO TC 171 SC2, ISO TC 130 (Graphic technology), ISO TC 42 (Photography) and ISO TC 46 SC 11 (Instrumentation and documentation, Archives/records management).

Association for Information and Image Management (AIIM International) is the administrator of the joint working group. A list serve has been set up by AIIM International and interested persons can sign up for the committee at http://www.aiim.org/pdf_a.

Secretariat Responsibilities

The relationships between the Secretariats, the Technical Committee, the Working Groups and the individual Conveners is often a source of confusion and misunderstanding. Two documents available from the American National Standards Institute (ANSI) that provide guidelines in more detail are:

- ANSI Procedures for U.S. Participation in the International Standards Activity of the ISO;
- ISO Directives Part 1, Procedures for the Technical Work.

The Secretariat of a Technical Committee (or Subcommittee) is responsible for:

- Monitoring, reporting and ensuring the active progress of the work of the committee
- Preparing and circulating committee drafts, and the treatment of comments
- Preparing meetings (of the committee or subcommittee) and recording the decisions made at meetings
- Distributing minutes, reports, etc.

The US TAG and its Secretariat are responsible for:

- Initiating and approving U.S. proposals for new work items or working drafts for submission to an ISO technical committee
- Determining the U.S. position on ISO draft standards, reports, questionnaires, agenda items, etc.
- Providing adequate U.S. representation to ISO committee meetings
- Nominating U.S. technical experts to serve on ISO subcommittees and working groups
- Advising or making recommendations to ANSI regarding administrative issues relating to the ISO Technical Committee

Stages of the Development of International Standards

An international standard is the result of an agreement between the member bodies of ISO. It may be used as such, or may be implemented through incorporation in national standards of different countries.

All International Standards are reviewed at least once every five years by the responsible technical committees. A majority of the P-members of the technical committee decides whether an International Standard should be confirmed, revised or withdrawn.

International standards are developed by ISO technical committees (TC), subcommittees (SC) and working groups (WG) by a six step process. If a document with a certain degree of maturity is available at the start of a standardization project, for example a standard developed by another organization, it is possible to omit certain stages. In the so-called fast-track procedure, a document is submitted directly for approval as a Draft International Standard (DIS) to the ISO member bodies (DIS, stage 4) or, if the document has been developed by an international standardizing body recognized by the ISO Council, as a Final Draft International Standard without passing through previous stages. The following is a summary of each of the six stages:

- **Stage 1: Proposal stage (New Proposal - NP)** The first step in the development of an International Standard is to confirm that a particular International Standard is needed. A new work item proposal (NWIP) is submitted for vote by the members of the relevant Technical Committee to determine the inclusion of the work item in the program of work. The proposal is accepted if a majority of the participating (P) members of the Technical Committee vote in favor, and at least five P-members declare their commitment to participate actively in the project. At this stage, a project leader responsible for the work item is normally appointed.

- **Stage 2: Preparatory stage (Working Draft - WD)** A working group of experts prepares working drafts of the standard. Successive working drafts may be considered until the working group is satisfied that it has developed the best technical solution to the problem being addressed. At this stage, a Committee Draft (CD) is forwarded to the Technical Committee for the consensus-building phase.
- **Stage 3: Committee stage (Committee Draft - CD)** Once a Committee Draft is received by the TC Secretariat, it is registered by the ISO Central Secretariat. It is distributed to the P-members of the TC for a 3-month ballot. Successive committee drafts may be considered until consensus is reached on the technical content, after which the text is finalized for submission as a Draft International Standard (DIS).
- **Stage 4: Enquiry stage (Draft International Standard - DIS)** The Draft International Standard (DIS) is circulated to all ISO member bodies by the ISO Central Secretariat for voting and comment within a period of five months. It is approved for submission as a FDIS (see Stage 5) if a two-thirds majority of the P-members of the TC/SC are in favor and not more than one-quarter of the total number of votes cast are negative. If the approval criteria are not met, the text is returned to the originating TC/SC for further study and a revised document will be circulated for voting and comment as a DIS. DIS approval requires two-thirds of the votes cast by the P-members are affirmative, and no more than one-fourth of the votes cast are negative.
- **Stage 5: Approval stage (Final Draft International Standard - FDIS)** The Final Draft International Standard (FDIS) is circulated to all ISO member bodies by the ISO Central Secretariat for a final Yes/No vote within a period of two months. If technical comments are received during this period, they are no longer considered at this stage, but are registered for consideration during a future revision of the International Standard. The text is approved as an International Standard if a two-thirds majority of the P-members of the TC/SC are in favor and not more than one-fourth of the total number of votes cast are negative. If these approval criteria are not met, the standard is referred back to the originating Technical Committee for reconsideration in the light of the technical reasons submitted in support of the negative votes received. This stage may be omitted if there are no negative votes at the Enquiry (DIS) stage.
- **Stage 6: Publication stage (Approved International Standard - IS)** Once a final Draft International Standard has been approved and all editorial changes have been made, if necessary, the final text is sent to the ISO Central Secretariat, which publishes the International Standard.

Practical Implications for U.S. Participation

How Individuals Participate and Vote

The preceding material provides information on the structure and relationship of ISO TC 130 and the US TAG to ISO TC 130. However, the real issue in simple terms is, what does it mean to those willing to be involved?

- Participation in the US TAG is by organization or as an individual consultant. Members vote as individuals on behalf of their sponsoring organizations.
- Technical Experts to the meetings are appointed by the US TAG, and the TC 130 Secretariat is advised of those experts by ANSI.
- For all ISO and ISO TC 130 ballots, including votes taken at Plenary meetings, each member country is allowed one vote. We must therefore coordinate a single national position through the US TAG.
- Determination of the U.S. position on any issue at the Technical Committee level (either to respond to a mail ballot or to prepare for meetings) is accomplished by solicitation of comments through the TAG members who represent affected organizations. The TAG chair and Secretariat will also solicit input from

other organizations within the industry, if appropriate. The ANSI, CGATS and B65 Committee members also provide input to the development of the U.S. position.

- Note, however, that participation in working groups is by individual technical experts appointed by the TAG. Within working groups each technical expert has a vote. The U.S. technical experts have a responsibility to keep the TAG informed of the progress and activities of the working group.
- While the Secretariat of the TAG and the Technical Committee Secretariat will be supportive of the working groups, the meetings and administration of the working group are the responsibility of the appointed convener and assistant convener.

Coordination by the US TAG

In regards to membership participation and working group assignments, the following practices are being implemented to support the ANSI procedures.

- The Secretariat will review participation in the activities of the TAG (attendance at meetings of the TAG, participation in plenary or working group meetings, response to ballots and other communications from the TAG) and will drop from membership those members who are non-responsive.
- The Secretariat will seek to insure that all organizations represented in the active work of TC 130 or affected by the work of TC 130 are represented on the TAG by either experts or observers.
- Before appointment as a technical expert to a working group, individuals will be expected to commit to ongoing active participation through correspondence and attendance at meetings. Casual attendance at meetings by others will be as an observer or in a support status.
- One U.S. technical expert for each working group will be asked to take on the additional responsibility of coordinating the activities of the U.S. experts in that working group and informing the TAG of the activities of the working group. This will include being sure that all U.S. technical experts, the TAG Chair, and the Secretariat receive copies of all working group documents.
- The TAG Secretariat will circulate TC 130 Technical Committee documents and information to TAG members. It will assist the U.S. technical experts in circulating selected working group documents to the TAG and to all U.S. technical experts.
- The TAG Secretariat will assist the U.S. working group coordinators in maintaining a list of interested persons who should be kept informed of the activities of the working group and who can provide technical support to the technical experts. However, distribution of working group documents to technical experts and interested persons will be the responsibility of the working group coordinator noted above, with support from the TAG Secretariat.
- The TAG Secretariat and Chair will maintain a complete file of all technical committee and working group numbered documents to be available as a resource to any affected party within the U.S. industry.

For a description of the approved standards and technical reports, please refer to **Chapter 11: List of Available Technical and Safety Standards**, at the end of this book. Drafts of other TC 130 work in progress may be obtained by contacting the NPES Standards Department at standards@npes.org.

Withdrawn ISO Standards

The standards listed below have been withdrawn after having been considered no longer necessary, or after their requirements were incorporated into other standards. (W xxxx) indicates year of withdrawal.

- **2838:1974 (W1999)** *Prints and printing inks - Assessment of resistance to soaps (Requirements included in ISO 2836)*
- **2839:1974 (W1999)** *Prints and printing inks - Assessment of resistance to soaps (Requirements included in ISO 2836)*
- **2840:1974 (W1999)** *Prints and printing inks - Determination of the resistance of prints to detergents soaps (Requirements included in ISO 2836)*
- **2841:1974 (W1999)** *Printing and printing inks - Determination of the resistance of prints to cheese soaps (Requirements included in ISO 2836)*
- **2842:1974 (W1999)** *Prints and printing inks - Determination of the resistance of prints to edible oils and fats soaps (Requirements included in ISO 2836)*
- **2843:1974 (W1999)** *Prints and printing inks - Determination of the resistance of prints to impregnation by wax or paraffin wax (Requirements included in ISO 2836)*
- **2844:1974 (W1999)** *Prints and printing inks - Determination of the resistance of prints to spices (Requirements included in ISO 2836)*
- **2845:1975 (W1997)** *Set of printing inks for letterpress printing - Colorimetric characteristics spices (Requirements included in ISO 2846-1)*
- **2846:1975 (W1997)** *Set of printing inks for offset printing -- Colorimetric characteristics*
- **3872:1976 (W1997)** *Graphic technology - Sheet-fed printing machines - Range of sizes*
- **4218-1:1979 (W1999)** *Printing machines - Vocabulary - Part 1: Fundamental terms*
- **5736:1983 (W1999)** *Prints - Determination of resistance to sterilization of prints on metallic substrates*
- **5737:1983 (W1999)** *Prints - Preparation of standard prints for optical tests (Requirements included in ISO 2834)*
- **6716:1983 (W1999)** *Graphic technology - Textbooks and periodicals - Sizes of untrimmed sheets and trimmed pages*
- **10755:1992 (W2003)** *Graphic technology - Prepress digital data exchange - Colour picture data on magnetic tape*
- **10756:1994 (R1999)** *Graphic technology - Prepress digital data exchange - Colour line art data on magnetic tape*

- **10757 (W1998)** *Graphic technology - Prepress digital data exchange - Geometric data on magnetic tape (not printed)*
- **10758:1994 (R1999)** *Graphic technology - Prepress digital data exchange - Online transfer from electronic prepress systems to colour hardcopy devices*
- **10759:1994 (R1999)** *Graphic technology - Prepress digital data exchange - Monochrome image data on magnetic tape*
- **12637-2:1997 (W2001)** *Graphic technology - Multilingual terminology - Part 2: Screen printing terms (Replaced by 12637-5:2001)*
- **13928:1994 (TR)** *Technical report - Application guide for ISO 10755, ISO 10756, ISO 10757, ISO 10758 and ISO 10759*

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Membership Application

U.S. Technical Advisory Group to ISO Technical Committee 130 – Graphic Technology (US TAG to ISO TC 130)

(Please feel free to make copies of this form so all persons who wish to be involved may respond.)

Name: _____	Name: _____
Title: _____	Title: _____
Company: _____	Company: _____
Address: _____	Address: _____
City/State/Zip+4: _____	City/State/Zip+4: _____
Phone: _____	Phone: _____
Fax: _____	Fax: _____
E-mail: _____	E-mail: _____

Any participant of the USTAG committee must have a valid email address to receive all documents, correspondence, ballots, etc.

Area(s) of Interest

Please indicate all working groups of interest and level of interest in accordance with the following guidelines:

Expert: I am prepared to participate in and attend the meetings of the designated working group and wish to be designated a technical expert to that working group.

or

Observer: I wish to be kept informed of the work of the designated working group and agree to actively provide input and comments to the appointed technical experts.

If participants are other than listed above, please include contact information on a separate page.

Working Groups	Name(s)	Expert	Observer
WG 1 - Terminology	_____	<input type="checkbox"/>	<input type="checkbox"/>
WG 2 - Prepress Data Exchange	_____	<input type="checkbox"/>	<input type="checkbox"/>
WG 2 TF 3 – VDX	_____	<input type="checkbox"/>	<input type="checkbox"/>
WG 3 - Process Control and Related Metrology	_____	<input type="checkbox"/>	<input type="checkbox"/>
WG 4 - Media and Materials	_____	<input type="checkbox"/>	<input type="checkbox"/>
WG 5 - Ergonomics and Safety	_____	<input type="checkbox"/>	<input type="checkbox"/>

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