

COMMITTEE FOR GRAPHIC ARTS TECHNOLOGIES STANDARDS

Secretariat:

NPES The Association for Suppliers of
Printing, Publishing and Converting Technologies
1899 Preston White Drive
Reston, Virginia 20191
Telephone: 703/264-7200
Fax: 703/620-0994
Email: standards@npes.org
<http://www.npes.org/standards/workroom.html>



CGATS N 1194
USTAG/TC130 N 3975

JOINT MEETING **CGATS / USTAG**

Adobe Systems, Inc.
345 Park Avenue
San Jose, CA 95110-2704

Thursday, October 28 9:00 am – 5:00 pm
Friday, October 29 9:00 am – 12 noon

1. Call to Order

The meeting was called to order at 9:00 a.m. by Ray Cheydleur, SC3 Chair. The following were in attendance and introduced themselves:

Ray Cheydleur, SC3 chair	X-Rite
Dave McDowell, USTAG chair	NPES
Debbie Orf, Secretary	NPES
Mark Bohan	Printing Industries of America
Roy Bohnen	Epson America, Inc.
Ellen Carter	Konica Minolta
Bob Chung	RIT
Russell Doucette	Konica Minolta
Richard Falk	EFI
Joe Fazzi	IDEAlliance
Heath Luetkens	CGS
Dick Presley	Kodak
Mike Ruff	Nazdar SourceOne
Steve Smiley	Vertis Communication
Larry Warter	Fujifilm North America Corp.

2. Review and approve Agenda

The committee reviewed the agenda which had been distributed prior to the meeting. The following items were added to the agenda:

- Change date of minutes in item #3 and #4 from March 25-26 to July 15-16.
- Add item 16 i. Status of ISO/NWIP 15397
- Add discussion of numbering issue related to gamut ranges
- Add item 12. Discuss proposed IDEAlliance document for a CGATS standard. *Graphic technology – Methodology for Establishing Printing Aims based on shared neutral grey scale appearance.*

- Add item 13. Discuss resignation of CGATS SC4 chair
- Add item 16k. Status of US comments on ISO 12646
- Add item 16l. Status of US comments 14861
- Add item 16m. Status of 15339 comments received

The agenda was approved as amended.

3. Review and approve Minutes of the July 15-16, 2010 meeting (SC3 N 1177)

The committee reviewed the minutes of the July 15-16, 2010 meeting which had been distributed prior to the meeting. The minutes were approved as distributed.

4. Review status of action items from the July 2010 meeting (SC3 N 1178)

AI#	Action Item	Status
SC4-09-28	By January 10, Goodman will incorporate suggestions from today's meeting into the CtP plate document. With help from Pope, Ornati, Warter, Birkett, Presley, Suffoletto, Goodman, Schroeder, and Sigg , Goodman will prepare a new draft for circulation to the committee for additional input.	Open.
SC4-10-02	Orf to place a note on the cover of the electronic version of IT8.7/3 and on the NPES website noting that IT8/7.3 is deprecated and IT8.7/4 should be used for all new work.	Completed.
CGATS-10-02	Hutcheson to supply new target for IT8.7/4 with description for use to Warter.	See CGATS-10-04
CGATS-10-03	Smiley to submit IT8.7/4 edited to include rationale for x-number of additional user defined patches to Warter.	See CGATS-10-04
CGATS-10-04	Warter to put together write-ups based on information supplied from Hutcheson and Smiley in AI CGATS 10-02 and AI CGATS 10-03.	Under Discussion.
CGATS-10-05	Chung, Ornati and Goodman to collaborate to determine if there is a basis for creating a CGATS standard for platemaking of CtP offset plates.	Open.
CGATS-10-06	Chung, Ornati and Goodman to revisit the plate dimension document (ISO 12635:2008, <i>Graphic technology - Plates for offset printing – Dimensions</i>) and create an amendment to include the registration of the plate edge and determine if it is the same accuracy as that required within the image.	Open.
CGATS-10-07	Cheydleur will prepare the "Recommended Industry Practice for a color characterization of a printing system" document and provide to Orf to send out for ballot.	Completed. (SC4 N 1097)
USTAG-10-05	McDowell to send information on folding to the Postpress Task Force.	Completed.
USTAG-10-06	McDowell/Orf to provide contact information to the Postpress Task Force for the chairman of the Finishing WG in CIP4.	Completed.

USTAG-10-07	Warter will contact Urabe to get some feedback on the RGB image workflow and provide this to the CGATS committee.	Completed.
USTAG-10-08	Hutcheson will summarize his comments concerning color tolerancing using Delta L* and Delta F* and suggested revisions to be incorporated in both 12647-7 and 12647-8 and forward to Warter for submission as a US comment.	Under Discussion.
USTAG-10-09	Rich and Warter will develop a comment on 12647-8 to recommend the move to CIEDE2000.	Completed.
USTAG-10-10	Rich , Hsu , McDowell and Cheydleur will collaborate to create modified numbers for CIEDE2000.	Completed. (USTAG N 3951)
USTAG-10-11	Luetkens to prepare a US comment for ISO 14861 stating the measurement of the light in the viewing booth should be either reflected or incident and should be more carefully defined to be field of view independent and should use a non gloss reflector.	Not completed as comments would impact not only this document but also ISO 3664. Will be discussed in Sao Paulo.
USTAG-10-12	Donahue and Orf to put together a press release on ISO 16612-2 to go through NPES marketing.	Completed.
USTAG-10-13	McDowell to take part in the IDEAlliance screen printing conference call and review 2846-4.	Completed.
USTAG-10-14	Chung will review ISO 13656:2000 and provide comments on any continued value or areas for revision.	Completed. Under Discussion CGATS N 1190

5. Status of proposal to develop a CGATS TR to address CtP plates

It was noted that this project has been stalled with no forward movement or updates. The committee discussed whether it should be developed further in CGATS or to move it elsewhere. It was agreed that all stakeholders need to collaborate and that Goodman has not received sufficient feedback to continue. It was noted that although interested stakeholders want this to move forward they are not willing to take the lead.

The original document, regarding conventional platemaking, contained criteria that was widely used in the industry and was standardized. It was agreed that each plate manufacturer has criteria specific to their product and that there is little commonality within the industry. It was felt by some that until there is an established method to measure the printable dot area on a plate there is no reason to move forward. However, others felt that there is a need to define aim points and tolerances as well as a need for a document addressing how to print consistently across multiple locations. Also noted was that calibration as well as repeatability from edge to edge are issues to be considered, and that as a result accuracy could be improved.

It was felt that a larger group should be contacted within the industry to look at the document that has been prepared (SC4 N 1091). It was noted that the elements included in the process control document ISO 12647 and the existing plate standard (ISO 12218:1997, *Graphic technology -- Process control -- Offset platemaking*) should be included.

It was agreed that a more focused document that includes aims and tolerances, and that meets the needs of users, is needed.

Action Item CGATS 10-08: Smiley will discuss with Goodman and other printers the state of the CtP document (SC4 N 1091) and whether this project should be continued. Smiley will take the lead if it is agreed that a document is needed.

6. Resolution of comments on Recommended Industry Practice for a color characterization of a printing system

The committee discussed and resolved comments on the CGATS Recommended Industry Practice: *Color characterization of a printing system*, Draft #5 (CGATS/SC4 N 1108)

The following changes and additions were made to the document based on comments received:

Clause 2.6 Process Control

Edited to read:

The use of process analysis results to monitor and adjust a printing system to maintain a set of operating parameters within a defined range of values using mechanical, mathematical and/or statistical methodologies, so as to ensure a repeatable and reproducible output. It provides a means for making decisions regarding the state of the process relative to the specification.

Clause 3 Process setup

The second paragraph/last sentence was edited to read:

Those changes may require settings appropriate to the components used and may require a new system setup procedure that considers the differences that these components bring to the print process.

Clause 3.4 Production Settings

Production settings were pulled out of section 3.2 and placed here instead.

Annex A

Following a discussion of removing outlier data points it was agreed to add a Note under **Composite data set evaluation** as follows:

Note: removal of outliers may be a subjective decision. ASTM E178 *Practice for Dealing with Outlying Observations* can provide guidance. In general where one data point has a much larger deviation from the average of the data points being combined that data point is probably an outlier.

Action Item CGATS 10-09: Cheydleur to send out another DR #6 on the *Recommended Industry Practice for a color characterization of a printing system* after incorporating changes made during the October 2010 meeting.

During a discussion on measurement and data collection it was noted that FTA has put together statistical analysis showing how 6-8-10 targets provides the very best data. It was felt that this is useful data for this committee.

Action Item CGATS 10-10: Smiley will provide a document regarding 6-8-10 targets and make arrangements for Mazur to present the document at the March 2011 meeting.

7. Status of national adoption of ISO 15930-7 and ISO 15930-8

The CGATS ballot on national adoption of ISO 15930-7 and ISO 15930-8 closed on 8/27/10. The consensus was to approve the national adoption. It was noted that one comment was received from Sun Chemical (SC6/WG1 N 341) regarding the wording of the ballot. This was resolved to the commenter's satisfaction (SC6/WG1 N 345)

After CGATS approval is obtained a public review period is required. That review closes on 11/15 for both

standards. However, at the Sao Paulo TC130 Plenary a Corrigendum to ISO 15930-8 was approved to correct 4 capitalization and spelling errors (in XMP keys and elements). It was agreed to wait on publishing these documents in CGATS until the corrigendum is completed.

8. Status of national adoption of ISO 12646-Amd 1

ISO 12646 - *Graphic technology — Displays for colour proofing — Characteristics and viewing conditions AMENDMENT 1.*

The CGATS ballot closed on 10/1/10, we have not reached consensus and a reminder went out again to experts who have not returned a ballot asking for their ballots. The document has been submitted for public review which will close in 45 days.

9. Discussion on the proposal to use DE2000 in future CGATS documents where appropriate

After discussion of a paper re CIEDE2000 provided by Rich (USTAG N 3951), Carter noted that range of data used to establish the new CIEDE2000 formula is primarily from 1-5 Delta E units. Above 5 CIEDE2000 units it is not clear that CIEDE2000 is significantly better than CIELAB DE. It was noted to maintain consistency switching back and forth within formulas should be avoided.

There was also discussion of the best symbol to use for the euclidean difference in the CIE a*b* plane. Based on input from CIE experts, received through Danny Rich, (and the ISO rule that symbols should be only one letter, with subscripts) the recommended symbol is ΔC_h . It was noted that the same concept is being identified multiple ways in multiple documents leading to confusion and that all these documents must be cleaned up to bring into agreement with the new symbol.

After review and discussion of data provided by McDowell in showing DE2000 vs CIELAB DE it was agreed to make this available to CGATS with a description of the steps taken to arrive at findings. The discussion reinforced desire of CGATS to move to CIE DE2000.

It was noted that the CIE committee, TC157, is working at standardizing many of the color issues that are in the colorimetry document. The CIE draft standard (CIE 2000) is currently being developed but has not yet been approved for distribution for comments. The document should be available for circulation in next few months and comments would be useful and appreciated.

Action Item CGATS 10-11: Smiley will prepare a pivot table showing data from the IDEAlliance control strip with CIELAB Delta E and DE 2000 values.

Action Item CGATS 10-12: McDowell will provide spreadsheet showing comparison of DE2000 and CIELAB DE for 10 IDEAlliance proof certification data sets.

Action Item CGATS 10-13: Warter to discuss with Schroeder and provide LAB data from TASKERO universe.

10. Discussion of the adoption of M1 as a shall and M0 as a should in future documents

It was noted that there are a number of ISO documents that conflict with each other in referring to M1 and M0. It was agreed that the adoption of M1 as a "shall" and M0 as a "should" be adopted as the US position moving forward.

Action Item CGATS 10-14 : McDowell to take M0 data from substrate experiment conducted last year and predict M1 data and compare results with measured M1 data. To be completed by January 2011.

11. Discussion on potential targets for IT8.7/4 replacement or IT8.7/5 consideration

Smiley reported on discussions in the IDEAlliance meeting, and noted that additional targets have been provided for distribution to CGATS. The proposal is to produce a completely new IT8.7/5 target or targets rather than revise IT8.7/4. It was felt that these could then be used in the US for a period of time, to gain experience, and then offered to ISO as an addition to the 12642 series. This new target would not be backward compatible with the IT8.7/3 or IT8.7/4 targets.

Alternatively it was suggested that added patches be prepared for the IT8.7/4 target that would add the values of the IDEAlliance PtoP target and other near neutral patches. While this would be a new target it would also be backwards compatible with the existing targets. It was agreed to treat these two approaches as separate issues.

Action Item CGATS 10-15: McDowell and Smiley to revise IT8.7/4 adding additional target values to create a draft IT8.7/5 target for use in experimentation during an extended review stage. Both a visual and random set of imageable PDF files to be created.

12. Discussion of IDEAlliance proposal for a CGATS standard: *Graphic technology – Methodology for Establishing Printing Aims based on shared neutral grey scale appearance.*

In the IDEAlliance Print Properties Committee meeting a proposal was made to clean up the current draft of this document, include the graph paper rather than a formula, and to remove any reference to GRACoL and SWOP. In response to the request to include tabular information in addition to the graphs, it was noted that this had been discussed in the PPC meeting and rejected. It was reported that IDEAlliance membership companies have made the request that the formula not be released to the general public due to their investment in systems. The question was asked why there is a desire to standardize if companies are not willing to make it easy for users. It was suggested that using a fan graph rather than equation should be sufficient.

There was discussion on including the fan graph and data set as part of an annex to the document or as a Technical Report. It was felt that even with a Technical Report without an equation; publication of G7 will mean having to buy an additional application. It was argued that although it is time-consuming curves can be built using the methodology in the fan graph. Also pointed out is that having to go through the process of building provides a learning experience for the user. It was felt that as long as the document is a Technical Report it could go forward without only the graph. However, a standard would not be acceptable without the formula.

It was stated that the goal is to achieve the global acceptance that comes through CGATS. It was suggested that the document be written and submitted for feedback, then determine if IDEAlliance goals have been met.

Action Item CGATS 10-16: Smiley and Fazzi to deliver draft Technical Report for circulation to CGATS by January 2011 on *Methodology for Establishing Printing Aims based on shared neutral grey scale appearance* for distribution and feedback once the clean up is completed in the PPC.

13. Discussion of resignation of CGATS SC4 chair

A letter has been received from Howard Nelson indicating that he needs to step down as the chair of CGATS SC4, Process Control.

In discussing the way forward, there was a suggestion that in light of the current level of activity and way we have been operating, CGATS may want to consider putting all subcommittees into standby and operate as a CGATS main committee only. The subcommittee membership lists could still be used for document ratification if necessary.

The current chair of CGATS is Martin Bailey and the vice-chair is Walt Zawacki. Neither have been active participants at recent meetings of the SCs. Suggestion is to consider appointing a new chair and vice chair of CGATS, whose appointments are scheduled to be reviewed in 2011, rather than appointing a new chair of SC4.

Action Item CGATS 10-17: Orf to research the impact and requirements of either putting the CGATS SCs in standby mode or consolidating them into the main committee. The results of this review will reported at the next meeting.

14. Discussion of the screen ink issues from IDEAlliance meetings

In the WG4 meeting in Brazil the agreement was made to initiate a revision of 2846-4 *Graphic technology - Colour and transparency of printing ink sets for four-colour-printing - Part 4: Screen printing*. Rich and Sun Chemical will help with the US position and input. It was agreed that we need to begin put together ink colors of screen inks as tested on a reference paper and then initiate a revision of both ISO 2846-4 and 12647-5 based on those ink colors.

Action Item USTAG 10-15: Fazzi to prepare a list of companies (and contact names) that should be involved and provide to McDowell (both ink manufacturers and screen equipment manufacturers).

Rich, who is document editor of ISO 2846-4, will develop a recommendation for stocks and collect inks. It was agreed that a document should be prepared for proposal at the April 2011 TC130 meeting in Berlin.

Discussion followed on what should be included in a screen-making document. In the screen printing industry there is no standard that describes the process(s) of making a screen. It was suggested that this should be included as part of ISO 12647-5 instead of in a plate-making document. It was noted that with direct-to-screen the quality is not as good — nothing works as good as analog film. However, direct-to-screen is still being used based on cost.

Action Item USTAG 10-16: Warter and Ruff to prepare a draft of 12647-5 by February 2011 for review by the USTAG and subsequent forwarding to TC130.

15. Review of ISO TC130 meeting

McDowell reported that the document circulated (USTAG N 3952) summarized the key events at the TC130 meeting. Four new Working Groups were created that will take TC130 into new directions. These are:

WG10 Security printing

There is an effort to create a JWG with TC247, Fraud Countermeasures. There is concern both in ANSI and ISO TC247 that this work is being taken over by a Belgian group that it is being unduly secretive in what they are doing.

WG11 Carbon footprint

WG11 was formed out of Task Force 1. More participation is needed from the US. This group has a NWIP to start writing a standardized document. The goal is to create a way of computing carbon footprint that is consistent globally. Additionally, to encourage paper companies to work with various trade organizations in helping to publicize the fact that print does not create the carbon footprint and destructive properties that many attribute to today.

WG12 Post-press

WG12 was formed out of Task Force 2 to look at postpress standardization. The Chinese National Body is

providing both the Convenor and secretariat support. Two documents were approved at stage 0: ISO/PWI 16762 *Graphic technology – Requirements for postpress – General* and ISO/PWI 16763 *Graphic technology – Requirements for postpress – Bound products*

WG13 Printing Certification Requirements

WG13 was created in response to the WG3 task force that was created to look at the differences in certification requirements among those national body/industry association groups that are attempting to certify printers against ISO 12647-2 and other TC 130 standards. This WG will be chaired by Bob Chung and Brazil has agreed to provide Secretariat support. During discussion of the taskforce report, WG3 declined to take on this work which resulted in the formation of an ad-hoc group and the resolution to create WG13.

It was noted that once these new Working Groups are registered in the ISO Directory there will be a call for experts which will be forwarded through National Bodies.

16. Review of TC130 work, USTAG inputs, and potential impact on CGATS:

It was noted that the USTAG sent preliminary comments in on a number of documents for review in the meetings in Sao Paulo. The committee reviewed the comments on items which were still open to either reaffirm the comments or modify them as necessary.

16a ISO/CD 2469 Paper, board and pulps – Measurement of diffuse radiance factor (diffuse reflectance factor)

The TAG ballot closed on 9/15/10. No comments were received or forwarded to TC6. The official close was 10/10/10.

16b 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.

The TAG ballot closed on 9/24/10. The USTAG recommended a vote of Approve with comments (USTAG N 3913). The official close is 11/4/10.

The committee reviewed the Resolution of Comments proposed by the document editor (Warter) on the USNB comments.

Regarding the review of all CIELAB colour tolerances to see if CIEDE2000 would be more appropriate it was argued that the conversion numbers are not available. It was agreed that the US comment would stand. It was suggested that Warter use the conversion numbers suggested by Rich and circulate to the USTAG for feedback.

During a discussion of Note 3 in 4.2.1 it was argued by Fazzi that any reference to 12647-8 as a proof should not be included in the document. This was not added to the US comments but Warter agreed to note this in his revision.

In discussing 4.2.2.1 it was noted that the US comment states that this section is inconsistent and does not make sense from a mathematical standpoint. It was agreed that 4.2.2.1. a) should be reworded to show a maximum deviation as opposed to a standard deviation. This was added to the US NB comments.

It was noted that the numbers listed in section 4.2.2.2 Table 2 will fail consistently and cannot be used when given to a production printer to make prints. It was agreed that the numbers apply to the system capability as opposed to the validation print. This led to a discussion of the scope. Warter emphasized that ISO 12647-8 applies only to systems not to individual validation prints. The majority of the meeting participants indicated that they felt the scope of the document does not say this.

It was suggested that the US recommend that the scope be changed to read:

"This part of ISO 12647 specifies requirements that can be used for certification of systems that produce a hard-copy validation print, directly from digital data, which is intended to simulate the expected appearance of material printed in accordance with a characterized printing condition.

It is not intended for use in certification of production printing systems (digital or conventional) since many aspects of production printing are not covered in this part of ISO 12647."

This was added to the USNB comments.

After discussion it was agreed that the US will submit a vote of Disapprove with the submission of this comment to the change in scope. If the change in scope is accepted by the editor and Convenor of WG3, the US will change the vote to Approve with comments.

In reviewing section 5.2 d) it was felt there should be a note addressing the matching of tone scales. This was added to the USNB comments.

16c ISO/CD 12647-6 *Graphic technology – Process control for the production of half-tone colour separations, proof and production prints – Part 6: Flexographic printing*

The TAG ballot closed on 9/24/10. The USTAG recommended a vote of Approve with comments (USTAG N 3931). The official close is 11/12/10.

The committee discussed the proposed USNB comments and agreed the comments should stand as is.

16d ISO/DIS 19005-2 *Document management – Electronic document file format for long-term preservation — Part 2: Use of ISO 32000-1 (PDF/A-2.)*

The 2nd CD ballot closed on 10/1/10. No comments were received or forwarded to TC171. The official close was 10/18/10.

16e ISO/NWI/CD 19005-3 *Document management — Electronic document file format for long-term preservation including embedded files — Part 3: Use of ISO 32000-1 (PDF/A-3).*

The TAG ballot closed on 10/1/10. No comments were received or forwarded to TC171. The official close is 11/5/10.

16f ISO/FDIS 15076-1 *Image technology colour management — Architecture, profile format and data structure — Part 1: Based on ICC.1:2004-10*

The TAG ballot closed on 10/1/10. The USTAG recommended a vote of Approve as submitted. The official close was 10/18/10.

16g ISO/NWI/CD 12640-5 *Graphic technology – Prepress digital data exchange – Part 5: Scene-referred standard colour image data (RIMM/SCID)*

The TAG ballot closed on 10/1/10. No comments have been received. The USTAG has not submitted a recommendation to ANSI yet. The official close is 11/11/10. Based on current information the US ballot response will be to Approve both the NWI and CD.

16h ISO/NWIP 15341 *Graphic technology – Method for radius determination of printing cylinders*

This document is currently out for ballot as a NWIP, the TAG ballot closes on 11/5/10. The official close is 11/27/10.

No comments have been received to date. FTA wants to look at the document further.

16i ISO/NWIP 15397 *Graphic technology – Communication of optical and surface properties of printing substrates – Graphic papers for proofing, rotogravure, heat-set web-offset, offset sheets*

This document is currently out for NWIP ballot, the TAG ballot closes on 11/5/10. The official close is 12/8/10.

The preliminary comments that were submitted prior to the TC130 meeting in Sao Paulo were discussed. It was agreed that the present comments should be supplemented to point out that the document needs to provide guidance and recommendation, not simply list potentially applicable standards.

The recommended US position is to accept the NWI but reject the draft document provided.

16j ISO/DIS 16684-1 *Graphic technology — Extensible metadata platform (XMP) specification — Part 1: Data model, serialization and core properties*

This document is currently out for ballot on fast track at the DIS stage, the TAG ballot closes 2/4/11. The official close is 3/4/11.

The document was circulated extensively before ballot. No comments were received. It is recommended that the US approved the DIS.

16k ISO/CD 12646 - *Displays for colour proofing — Characteristics and viewing conditions*

The preliminary US comments submitted prior to the TC130 meeting will stand.

16l ISO NWI/CD 14861 - *Graphic technology – Requirements for colour proofing systems using electronic displays*

The ballot closed September 29 and was approved.

16m ISO 15339-1 *Graphic technology – Printing of digital data – Part 1: Basic principles*

The committee reviewed the final resolution of comments from the TC130 WG3 meeting in Sao Paulo. It was noted that once changes are made to the document it will be distributed for a second CD ballot.

It was reported that some at the TC130 meeting felt that digital printing does not have TVI. The response given was that TVI is nothing more than single channel reproduction curves. It was noted that digital printing is not linear so there is always a single channel reproduction curve. It was suggested that a separate definition be created for the term single channel tone reproduction curve.

17. Activity status reports

17a SWOP

Presley reported no current activity. It was noted that Gina Sigman has stepped down as Liaison and will be replaced by Presley.

17b SNAP

Smiley noted that the new SNAP 2010 book is available and he will provide it to Orf for distribution to the committee.

17c GRACoL

All qualification kits and process for G7 documents have been revised and are free to download on IDEAlliance website.

17d FTA

Smiley reported the FTA is working on testing of corrugated and wide film flexible packaging to develop characterization data. The corrugated industry is looking at SWOP as a possible new standard for 7-color printing.

17e IDEAlliance Print Properties Committee

Fazzi reported that the minutes from the Print Properties Committee meeting will be posted on the IDEAlliance website. He noted they are seeing renewed interest in the printing industry. He stated discussions are planned within IDEAlliance on new e-media and what new workflows will look like.

18. Other business

18a TC130 Resolutions

The committee reviewed the Plenary resolutions (TC130 N 1733) with the following observations.

Resolution #398

"ISO/TC130 resolves to divide ISO 15311 Graphic Technology - Requirements for printed matter utilizing digital printing technologies for the commercial and industrial production, presently at Stage 0, into multiple parts. The currently identified parts are as follows: Part 1: Parameters and Measurement Methods Part 2: Commercial Production Printing Part 3: Large Format Signage Printing."

It was noted that market needs are being addressed in these documents, but it was felt market needs is not a subject for standardization. Goal is to define how these pieces of equipment vary under different conditions.

Resolution # 399

"ISO/TC 130 resolves to initiate new work item proposals to revise ISO 12647-1, ISO12647-2, and ISO12647-3."

In response to a question on the steps forward for these documents it was noted that a NWIP must be submitted showing the proposed revisions which will be circulated to all national bodies. At that point there is an opportunity to vote and comment on the submitted drafts. After a review of the proposed draft of ISO 12647-1 it was felt that it is a poor document that serves little purpose. The original ISO 12647-1 was created as a framework document and that need has largely disappeared.

18b Review of White paper provided by Rich

There was a request for review of the white paper provided by Rich (USTAG N 3951) and a comparison of data presented by Smiley.

It was suggested that all data provided by Rich, Smiley, McDowell and Kraushaar should be compared. If the data correlate it was agreed an average and standard deviation is needed to get a measure of potential variability. It was noted that CIELAB DE is related to physical tolerances of the processes, where DE2000 is related to errors seen visually. It was argued that the original CIELAB was also visual but not as good. It was felt that DE2000 is a better yardstick to measure color effects and tolerancing.

19. Date and location of upcoming joint meetings with IDEAlliance PPC

The 2011 schedule for joint Print Properties Committee and CGATS/USTAG meetings is as follows:

Printing Industries of America, Sewickley, PA
PPC March 1-2
CGATS/USTAG March 3-4

Hallmark, Kansas City, MO
PPC June 21-22
CGATS/USTAG June 23-24

Epson America, Long Beach, CA
PPC October 4-5
CGATS/USTAG October 6-7

20. Adjournment

The committee thanked Dov Isaacs for arranging for facilities and hosting the meeting at Adobe. There being no further business the meeting was adjourned.