

## COMMITTEE FOR GRAPHIC ARTS TECHNOLOGIES STANDARDS

### Secretariat:

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### Standards Approved, January 7, 2000:

**CGATS.11/PIMA IT2.11-1999, *Graphic technology and photography – Reflection and transmission metrology-Certified reference materials-Documentation and procedures for use, including determination of combined standard uncertainty***, developed in cooperation with a standards committee of the Photographic and Imaging Manufacturers Association (PIMA), specifies documentation for certified reference materials (CRMs), procedures for the use of CRMs, and procedures for computation and reporting of combined standard uncertainty, as applicable to the calibration, performance characterization and verification, and routine use of reflectance and transmittance measurement systems in the graphic arts, photographic, and other imaging processes.

The standard was developed by ANSI CGATS Subcommittee 3, chaired by Lawrence Steele, Senior Technologist of Kodak Polychrome Graphics, with David Albrecht, Product Support Manager of GretagMacbeth serving as vice chair. This work has also been moved into ISO TC 130, where it is being forwarded as an International Standard.

**CGATS.12/1-1999, *Graphic technology – Prepress digital data exchange-Use of PDF for composite data- Part 1: Complete exchange (PDF/X-1)*** is the first document of a multipart standard addressing use of PDF for graphic arts applications. This part specifies the methods for the use of the Adobe Portable Document Format (PDF) for the dissemination of composite digital data, in a single exchange, that is complete and ready for final print reproduction. The standard was developed by ANSI CGATS Subcommittee 6, chaired by Martin Bailey, Senior Technical Consultant of Harlequin. An Application Note, not a part of the standard, will be bound with the standard when it is printed to provide the user with additional information which will help with implementation of CGATS.12.

This standard is being moved through the ISO standards process through ISO TC 130 to become an International Standard. A second part of the standard is being developed to address color spaces other than CMYK, font issues, referencing external files, exchange of "partial" files, and other issues which have been identified. This work is being done with the input and cooperation of a task force of ISO TC 130 WG2 to provide input from the international community so that the standard will be able to be moved quickly into the ISO process to become an International Standard.

For more information about standards activities, contact NPES at [standards@npes.org](mailto:standards@npes.org).