

Liaison Report of ISO/TC130, Graphic Technology

2000-04-10

1. TC 130 continues to focus primarily on CMYK as its preferred data exchange space although there is strong interest in moving to the exchange of color managed data.
2. TC130 has agreed to join with ISO/TC42 in a Joint Working Group with the aim of defining an extended gamut RGB color space for the exchange of image data.
3. TC130 together with TC42 (in TC42/JWG/21) is revising the ISO 5 series of densitometer standards. This revision will clearly separate the definition of density from the tolerances on measurement of densitometry.
4. A Technical Report is being prepared that will provide a set of "standardized" spectra for use in evaluating various reproduction systems. This data set will include some 300 - 400 curves which have been derived (selected) out of a larger data base of approximately 50,000 spectral curves. This larger data base will also be included (in electronic form) as part of the Technical Report.
5. TC130 currently has a set of CMYK reference images (ISO 12640) known as CMYK/SCID (Standard Color Image Data). Two additional image sets are being prepared. One, to be known as XYZ/SCID will be restricted to the sRGB color space and will be available as both sRGB and XYZ data. The other will be called LAB/SCID and will be a very large gamut image set which is intended for use in evaluating color management, gamut compression, etc.
6. While it is of more interest to Division 2, Division 8 should be aware that TC130 is developing a gloss parameter called "Visual Lustre" (ISO 15994). This is intended to apply to printed image areas and takes into account the diffuse reflectance as a correction factor.