
**Graphic technology — Prepress data
exchange — Tone adjustment curves
exchange**

*Technologie graphique — Échange de données pré-imprimées —
Échanges des courbes d'ajustement des tons*

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Contents

	Page
Foreword	iv
Introduction	v
1 Scope	1
2 Normative references	1
3 Terms and definitions	1
4 Symbols and abbreviated terms	1
4.1 Text styles.....	1
4.2 Data types.....	1
5 Requirements	2
5.1 XML Namespace.....	2
5.2 File structure	2
5.2.1 General.....	2
5.2.2 TransferCurveSet.....	2
5.2.3 FormPreparationDetails.....	3
5.2.4 PrintingCondition	3
5.2.5 TransferCurve.....	4
5.3 Interpretation of TransferCurve	5
5.4 Examples	5
5.4.1 Example 1.....	5
5.4.2 Example 2.....	6
Annex A (informative) Schema	8
Bibliography	10

Foreword

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The committee responsible for this document is ISO/TC 130, *Graphic technology*.

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Introduction

The aim of this International Standard is to define a simple format to exchange data of Tone Adjustment Curves (also called transfer functions and plate curves) between applications including, but not limited to, colour management, calibration and raster image processor systems.

In many cases, it is useful to be able to provide calibration data for printing plates in a standard form to ensure easy and accurate exchange of data. Graphic arts raster image processor vendors all provide support for printing plate calibration and adjustment of tone curves for digital presses using essentially the same data, however, each uses a proprietary format. One consequence of this is that companies providing tools to support print certification need to provide support for many different file formats. Increasingly, the importance of calibration is being recognized by printers who wish to provide a single, often centralized, solution for calibration and in this context it is becoming increasingly difficult to keep up with the many different formats in use.

TC 130 experts know of no commercial reason for each vendor to adopt a different standard and believe that if there was an ISO standard format, this would be likely to be adopted by the industry. This International Standard aims to define the minimum set of data required by all of today's applications and provide a format that is easily extensible so that additional metadata can be included when agreed on between the parties.

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