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IRISH STANDARD

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ICS 35.240.30

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INFORMATION PROCESSING - TECHNIQUES FOR USING SGML - APPLICATION FOR EUROPEAN STANDARDS

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EUROPEAN PRESTANDARD **ENV 1285**

PRÉNORME EUROPÉENNE

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Information processing - Techniques for using SGML - Application for European Standards

Traitement de l'information - Techniques d'utilisation du SGML - Application pour les normes européennes

Informationsverarbeitung - Techniken fur den Gebrauch von SGML - Anwendung fur Europaische Normen

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Contents

Foreword 3

Introduction 4

1 Scope 5

2 Normative references 5

3 DTD for European Standards 6

Annex A (informative) **Subset DTD** 47

Annex B (informative) **Bibliography** 93

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FOREWORD

This European Prestandard has been prepared as a result of the work carried out in the project Eurostand SGML 1155 under the IMPACT programme initiated by the Commission of the European Communities. The participating partners in the project were AFNOR, BSI and DIN who worked in close cooperation with the International Organization for Standardization (ISO).

This European Prestandard provides the Document Type Definition (DTD) that is required for an SGML application for European Standards. It is closely based on the DTD described in ISO/IEC TR 9573-11, a type 3 technical report. It is expected that a revision of this technical report will be proposed to the responsible committee (JTC 1) for conversion to an international standard. The maintenance of both the ISO DTD and the European DTD will be monitored by a single Maintenance Group and as a result it is expected that future work on the ENV 1285 and the ISO/IEC TR will be carried out in common so that in the end the European standard and internationl standard can be published at the same time and that their common part be identical.

As a result of the work within the Impact project this ENV provides an informative annex describing a subset of the DTD to facilitate the authoring of a standard in an SGML-encoded format. The subset does **not** replace the full DTD.

The European references to international publications are given in annex A (informative) and in annex B (informative).

In accordance with the CEN/CENELEC Internal Regulations, the following countries are bound to announce the existence of this European Prestandard :

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INTRODUCTION

Rules for the description and markup of documents for publishing and interchange are contained in ISO 8879 Information processing -Text and office systems - Standard Generalized Mark-Up Language (SGML). ENV 1285, like ISO/IEC TR 9573-11, complements that standard but it is not, and should not be regarded as, an extension, modification or interpretation of ISO 8879.

As part of the European project, the DTD for European Standards has been validated by the preparation of a sample of prENs using different SGML tools, and by the experiences gained within ISO which has been using SGML in a production environment for a number of years.

The DTD consists of two parts - a specific part mainly related to the front matter of European standards and a common part (stdcomt) derived from the ISO DTD. The one significant addition that has been made to the common part for the European DTD relates to the inclusion of a CALS structure for handling tables as well as the ISO structure. This inclusion is intended to encourage the widest possible use of this European SGML application within the standards-making organizations given the current stage of development in handling tables by SGML formatting tools.

Other differences between ISO and the European DTD arise from the need to take into account particular requirements as detailed in the CEN/CENELEC Internal Regulations Part 3 : 1990 Rules for the Drafting and presentation of European Standards (PNE-Rules). These differences are described within the EN specific part of the DTD.

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