

# INTERNATIONAL STANDARD

ISO  
8651-3

First edition  
1988-09-15



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INTERNATIONAL ORGANIZATION FOR STANDARDIZATION  
ORGANISATION INTERNATIONALE DE NORMALISATION  
МЕЖДУНАРОДНАЯ ОРГАНИЗАЦИЯ ПО СТАНДАРТИЗАЦИИ

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## Information processing systems — Computer graphics — Graphical Kernel System (GKS) language bindings —

### Part 3 : Ada

*Systèmes de traitement de l'information — Infographie — Système graphique de base (GKS) —  
Interface langage —*

*Partie 3 : Ada*

## Foreword

ISO (the International Organization for Standardization) is a worldwide federation of national standards bodies (ISO member bodies). The work of preparing International Standards is normally carried out through ISO technical committees. Each member body interested in a subject for which a technical committee has been established has the right to be represented on that committee. International organizations, governmental and non-governmental, in liaison with ISO, also take part in the work. ISO collaborates closely with the International Electrotechnical Commission (IEC) on all matters of electrotechnical standardization.

Draft International Standards adopted by the technical committees are circulated to the member bodies for approval before their acceptance as International Standards by the ISO Council. They are approved in accordance with ISO procedures requiring at least 75 % approval by the member bodies voting.

International Standard ISO 8651-3 was prepared by Technical Committee ISO/TC 97, *Information processing systems*.

Users should note that all International Standards undergo revision from time to time and that any reference made herein to any other International Standard implies its latest edition, unless otherwise stated.

ISO 8651 consists of the following parts, under the general title *Information processing systems — Computer graphics — Graphic Kernel System (GKS) language bindings* :

- *Part 1 : FORTRAN*
- *Part 2 : PASCAL*
- *Part 3 : Ada*

Annexes A to G are for information only.

<b>Contents</b>	<b>Page</b>
0 Introduction .....	1
1 Scope and field of application .....	2
2 References .....	3
3 The Ada language binding of GKS .....	4
3.1 Conformance .....	4
3.2 Implications of the language .....	4
3.2.1 Functional mapping .....	4
3.2.2 Implementation and host dependencies .....	4
3.2.3 Error handling .....	4
3.2.4 Data mapping .....	5
3.2.5 Multi-tasking .....	6
3.2.6 Packaging .....	6
3.2.7 Application program environment .....	7
3.2.8 Registration .....	7
4 Tables .....	8
4.1 Procedures .....	8
4.2 Data Type Definitions .....	23
4.2.1 Abbreviations used in the data type definitions .....	23
4.2.2 Alphabetical list of type definitions .....	23
4.2.3 Alphabetical list of Private type definitions .....	48
4.2.4 List of constant declarations .....	50
4.3 Error codes .....	51
4.3.1 Error Code Definition .....	51
4.3.2 Precluded error codes .....	52
5 Functions in the Ada Binding to GKS .....	53
5.1 GKS Functions .....	53
5.2 Additional functions .....	91
5.2.1 Subprograms for Manipulating Input Data Records .....	91
5.2.2 GKS Generic coordinate system package .....	94
5.2.3 GKS Generic list utility package .....	95
5.2.4 Metafile function utilities .....	97
5.3 Conformal Variants .....	97
Annex A Compiled GKS Specification .....	98
Annex B Cross Reference Listing of Implementation Defined Items .....	148
Annex C Example Programs .....	149
C.1 Example Program 1 : STAR .....	149
C.2 Example Program 2 : IRON .....	151
C.3 Example Program 3 : MAP .....	157
C.4 Example Program 4 : MANIPULATE .....	159
C.5 Example Program 5 : PROGRAM SHOWLN .....	163
Annex D GKS Multi-Tasking .....	167
Annex E Unsupported Generalized Drawing Primitives and Escapes .....	172
Annex F Metafile Item Types .....	175
Annex G Index of GKS Functions .....	177
G.1 GKS functions .....	177
G.2 Ada procedures .....	181

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# **Information processing systems — Computer graphics — Graphical Kernel System (GKS) language bindings —**

## **Part 3 : Ada**

### **0 Introduction**

The Graphical Kernel System (GKS) (ISO 7942) is specified in a language independent manner and needs to be embedded in language dependent layers (language bindings) for use with particular programming languages.

The purpose of this part of ISO 8651 is to define a standard binding for the Ada computer programming language.

## **ISO 8651-3 : 1988 (E)**

### **1 Scope and field of application**

ISO 7942 (GKS) specifies a language independent nucleus of a graphics system. For integration into a programming language, GKS is embedded in a language dependent layer obeying the particular conventions of that language. This part of ISO 8651 specifies such a language dependent layer for the Ada language.

## **2 References**

ISO 7942, *Information processing systems — Computer graphics — Graphical Kernel System (GKS) functional description*.

ISO 8652, *Programming Languages — Ada*.