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Data Application Identifier Standard



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ANSI[®] MH10.8.2-1995 Revision and redesignation of ANSI/FACT 1-1991

Data Application Identifier Standard

Secretariat Material Handling Institute

Approved November 15, 1995 American National Standards Institute, Inc.

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Foreword (This foreword is not part of American National Standard MH10.8.2-1995.)

The Federation of Automatic Coding Technologies (FACT) developed a standard for Data Identifiers (DIs) in 1989. In early 1990 FACT submitted the *FACT Data Identifier Standard* dated October 2, 1989 to the American National Standards Institute (ANSI). This standard was approved in 1991 and has been published as ANSI/FACT 1-1991.

In 1991 the Uniform Code Council (UCC) and the EAN International (EAN) adopted an expanded list of application identifiers which served many of the same purposes as had been accomplished with FACT DIs. These UCC/EAN identifiers are known as Application Identifiers (AIs).

The existence of two approaches to accomplish the same level of identification became a burden to those companies supplying general trade product to many customers. FACT was asked to develop a standard that would harmonize these two approaches.

The stated mission of the UCC is to enable "...related distribution channels to operate more efficiently and effectively while contributing added value..." to the end user. FACT's mission statement included a charge to "...reduce the proliferation of conflicting bar code standards..." to achieve similar efficiencies.

Recognizing their common missions, FACT and UCC committed to the development of a committee that would issue a comprehensive dictionary of data and application identifiers. The dictionary would be to ANSI a revision for ANSI/FACT 1-1991.

On December 31, 1992 the FACT organization was dissolved. Prior to its dissolution, the SBC-8 Subcommittee of ANSI MH10 agreed to continue its maintenance and assume responsibility for the document.

It is the mission of this committee to develop a comprehensive dictionary of data and application identifiers, assign new data identifiers, as required, and to provide a document detailing the correlation, or mapping, of data identifiers to application identifiers, where a correlation exists.

As with any standard, new requirements are identified and interested parties request the assignment of new Data Application Identifiers to meet the needs of a particular industry or activity. Under ANSI rules, ANSI standards are valid for five (5) years from the date of publication, after which time these standards are either reaffirmed, modified, or withdrawn. During the intervening five-year period between publication and re-review a Working Document is maintained by a maintenance committee.

This standard contains 10 annexes that are for information only and are not part of this standard.

Users desiring assignment of new Data Identifiers may submit their request to the ANSI MH10.8.2-1995 Chairman, Craig K. Harmon (Telephone: +1 319/364-0212; Fax: +1 319/365-8814).

North American users desiring assignment of new Application Identifiers may submit their request to the Uniform Code Council, Inc., Attn: Technical Director, (Telephone: +1 513.435.3870; Fax: +1 513.435.4749). Users in other countries desiring assignment of new Application Identifiers may submit their request to EAN International, Attn: Technical Director, (Telephone: +32 2.218.76.74; Fax: +32 2.218.75.85). These Data Application Identifier Guidelines were prepared by the ANSI/FACT-1 Work Group (WG2) of ANSI MH10 SBC-8 who maintained contact with the following individuals involved with the associated standards-making activities:

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	Tom Brady
Union Carbide Chemical & Plastic	.Dave Hill
United Parcel Service	.Mark Lewis
Upjohn Company	.Jerome Johnson
Zebra Technologies	.Karen Longe

AMERICAN NATIONAL STANDARD

ANSI MH10.8.2-1995

Data Application Identifier Standard

Referenced standards

The current standard or "draft standard approved for trial use" of all referenced ANSI, ISO and UCC/EAN standards shall apply where referenced within this document.

Definitions

For the purposes of these Guidelines, the following definitions shall apply:

"+" (PLUS SIGN)

The "+" is used with specific data identifiers defined within this document (e.g., 14K and 3W) to separate different types of data that are encoded within a single field (e.g., a single bar code symbol). The "+" is also referenced as a flag character used by the HIBCC.

<SPACE>

See DI Indicator.

ACTUAL WEIGHT

The weight as measured. Also see "Theoretical Weight".

ALLOCATED

Set aside for a specific purpose, such as a set of Data Identifiers *allocated* for a specific Category.

ALPHANUMERIC CODE

A code containing both numbers (0-9) and alphabetic characters (A-Z).

APPLICATION IDENTIFIER

A UCC/EAN specified character (or string of characters) that defines the general category or intended use of the data that follows.

ASSIGNED

Designated for a specific purpose, such as a given Data Identifier *assigned* for a specific purpose (e.g., "Container Type" has been *assigned* the Data Identifier "**B**".)

AUTHORIZED RETAIL INDUSTRY FORMAT

A coding structure assigned by the Uniform Code Council (UCC) or EAN International.

BILL OF LADING

An itemized list of goods contained in a shipment.

BUDGET RESPONSIBILITY

Accountability for the planning and reporting of resource expenditures.

CARRIER

In a transaction, the party that provides transportation services (e.g., air, boat, rail, truck, etc.).

CATEGORY

A class or division in a scheme of classification (e.g., the *Category* for dating formats is **Category 4: Date.**).

<u>CELL</u>

A discrete system which performs a predetermined series of operations in the manufacture or assembly of an item.