

ECRS 832 Catalog Specification • Version 2.0

Overview:

This document defines the structure and usage of the 832 Catalog X12 transaction set for ECRS.

ISA – Interchange Control Header

Usage: Mandatory

Purpose: Identifies the start of an interchange and provides sender/receiver IDs, date/time, control numbers, and version info.

Example:

```
ISA*00*~*00*~*ZZ*123456789~*ZZ*ECRSSIS~*250908*1855*U*00401*000010836*O~*P*~>
```

GS – Functional Group Header

Usage: Mandatory

Purpose: Groups related transaction sets and provides application sender/receiver codes, date/time, group control number, and version.

Example:

```
GS*SC*123456789*ECRSSIS*20250908*1855*10836*X*004010~
```

ST – Transaction Set Header

Usage: Mandatory

Purpose: Indicates the start of a transaction set and assigns a control number.

Fields:

- - ST01: Transaction Set Identifier Code (832)
- - ST02: Transaction Set Control Number

Example:

ST*832*108360001~

BCT – Beginning Segment for Price/Sales Catalog

Usage: Mandatory

Purpose: Transmits catalog purpose and number information.

Fields:

- - BCT01: Catalog Purpose Code (e.g., PC)
- - BCT10: Transaction Set Purpose Code (e.g., 00, 02 Add, 03 Delete, 04 Change)

Example:

BCT*PC*****04~

DTM – Date/Time Reference

Usage: Optional

Purpose: Specifies pertinent dates and times related to the catalog.

Fields:

- - DTM01: Date/Time Qualifier (e.g., '007')
- - DTM02: Date (CCYYMMDD)

Example:

DTM*007*20250908~

N1 – Name

Usage: Mandatory

Purpose: Identifies a party by type of organization, name, and code.

Fields:

- - N101: Entity Identifier Code (e.g., VN, BY)
- - N102: Name
- - N103: Identification Code Qualifier (e.g., 91)
- - N104: Identification Code

Example:

N1*VN*Supplier*91*123456789~

N3 – Address Information

Usage: Optional

Purpose: Provides address information.

Fields:

- - N301: Address Information

Example:

N3*277 Howard Street~

N4 – Geographic Location

Usage: Optional

Purpose: Provides geographic location information.

Fields:

- - N401: City Name
- - N402: State or Province Code
- - N403: Postal Code

Example:

N4*Boone*NC*28607~

LIN – Item Identification

Usage: Mandatory

Purpose: Specifies basic item identification data.

Fields:

- - LIN01: Assigned Identification (Line Item Number)
- - LIN02: Product/Service ID Qualifier (e.g., UI)
- - LIN03: Product/Service ID
- - LIN04: Product/Service ID Qualifier (e.g., N4)
- - LIN05: Product/Service ID
- - LIN06: Product/Service ID Qualifier (e.g., VC)
- - LIN07: Product/Service ID

Example:

LIN*1*UI*310158053064*N4*10158005306*VC*1004274~

G53 – Maintenance Type

Usage: Optional

Purpose: Identifies the specific type of item maintenance.

Fields:

- - G5301: Maintenance Type Code (e.g., 001)

Example:

G53*001~

PID – Product/Item Description

Usage: Mandatory

Purpose: Describes the item in free-form format.

Fields:

- - PID01: Item Description Type (e.g., F)
- - PID05: Description

Example:

PID*F****Charmin Ultra Soft Bath Tissue~

PO4 – Item Physical Details

Usage: Mandatory

Purpose: Specifies the physical qualities, packaging, weights, and dimensions relating to the item.

Fields:

- - PO401: Pack
- - PO402: Size
- - PO403: Unit or Basis for Measurement Code

Example:

PO4*1*40*EA~

CTP – Pricing Information

Usage: Optional

Purpose: Specifies pricing information.

Fields:

- - CTP02: Price Identifier Code (e.g., AWP, INV)
- - CTP03: Unit Price

Example:

CTP**INV*2.64~

CTT – Transaction Totals

Usage: Mandatory

Purpose: Provides the count of line items in the transaction set.

Fields:

- - CTT01: Number of Line Items

Example:

CTT*4~

SE – Transaction Set Trailer

Usage: Mandatory

Purpose: Indicates the end of the transaction set and provides the count of transmitted segments.

Fields:

- - SE01: Number of Included Segments
- - SE02: Transaction Set Control Number

Example:

SE*29*241070001~

GE/IEA – Group/Interchange Trailers

Usage: Mandatory

Purpose: Marks the end of the functional group/interchange.

Example:

GE*1*24107~

IEA*1*000024107~