

# ECRS 855 Purchase Order Acknowledgement Specification • Version 2.0

## Overview:

This document defines the structure and usage of the 855 Purchase Order Acknowledgment 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*000010357*0*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\*PR\*123456789\*ECRSSIS\*20250908\*1855\*10357\*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 (855)
- - ST02: Transaction Set Control Number

**Example:**

ST\*855\*25228~

### **BAK – Beginning Segment for Purchase Order Acknowledgment**

**Usage:** Mandatory

**Purpose:** Indicates the beginning of the Purchase Order Acknowledgment Transaction Set and transmits identifying numbers and dates.

**Fields:**

- - BAK01: Transaction Set Purpose Code (e.g., 06)
- - BAK02: Acknowledgment Type (e.g., AC)
- - BAK03: Purchase Order Number
- - BAK04: Date (CCYYMMDD)

**Example:**



BAK\*06\*AC\*100012345\*20250908~

## **N1 – Name**

**Usage:** Mandatory

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

### **Fields:**

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

### **Example:**

N1\*ST\*ECRS\*91\*9876543210~

## **N3 – Address Information**

**Usage:** Optional

**Purpose:** Provides address information.

### **Fields:**

- - N301: Address Information

### **Example:**

N3\*123 Main 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~

## **PO1 – Baseline Item Data**

**Usage:** Mandatory

**Purpose:** Specifies basic line-item data.

**Fields:**

- - **PO101:** Line Item Identification
- - **PO102:** Quantity Ordered
- - **PO103:** Unit of Measurement Code (e.g., EA, CS)
- - **PO104:** Unit Price
- - **PO106:** Product/Service ID Qualifier (e.g., VC)
- - **PO107:** Product/Service ID (Vendor Code)
- - **PO108:** Product/Service ID Qualifier (e.g., UP)

- - **PO109**: Product/Service ID (UPC)

**Example:**

PO1\*1\*1\*EA\*3.04\*\*VC\*2851699\*UP\*037000458685~

**PID – Product/Item Description**

**Usage:** Optional

**Purpose:** Describes the item.

**Fields:**

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

**Example:**

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

**ACK – Line Item Acknowledgment**

**Usage:** Mandatory

**Purpose:** Provides acknowledgment details for each line item.

**Fields:**

- - **ACK01**: Line Item Status Code (e.g., IA)
- - **ACK02**: Quantity
- - **ACK03**: Unit of Measurement Code

- - **ACK04:** Date

**Example:**

ACK\*IA\*1\*EA\*20250908~

**CTT – Transaction Totals**

**Usage:** Optional

**Purpose:** Transmits a hash total for a specific element 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\*13\*25228~



### **GE – Functional Group Trailer**

**Usage:** Mandatory

**Purpose:** Marks the end of the functional group.

**Example:**

GE\*1\*10357~

### **IEA – Interchange Control Trailer**

**Usage:** Mandatory

**Purpose:** Marks the end of the interchange.

**Example:**

IEA\*1\*000010357~