



## **Implementation Guide for EDI Conventions**

Planning Schedule Transaction Set (830)

AIAG Version 2040  
ANSI ASC X12

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Metaldyne – EDI / Supply Chain Integration Department  
Email: [edisupport@metaldyne.com](mailto:edisupport@metaldyne.com)

**Document Change Log**

<b>Version</b>	<b>Date</b>	<b>Description</b>
1.00	March 1, 2006	Document issued.
1.01	May 8, 2007	Added "An Asahi Tech Company" to the Metaldyne Title.
1.02	December 10, 2007	Add ISA ID for Metaldyne-Ramos in the "Metaldyne ISA and GS ID Information" chart.
1.03	February 26, 2010	Removed "An Asahi Tech Company" from the Metaldyne title. Removed some locations in the "Metaldyne ISA and GS ID Information" chart.
1.04	July 7, 2010	Updated the "Metaldyne ISA and GS ID Information" chart.

Metaldyne's EDI documents are exchanged using the data messaging services of Covisint, a subsidiary of Compuware Corporation. You will have to approve the Trading Partner Relationship we have created in Covisint before EDI documents can be exchanged. Please set up relationships for all Metaldyne locations as defined on the following pages.

**Segment:** ISA – Interchange Control Header.

**Level:** Header

**Purpose:** To start and identify an interchange of zero or more functional groups and interchange-related control segments

**Examples:** ISA\*00\* \*00\* \*01\*118733062 \*01\*201547189  
\*060217\*1243\*U\*00204\*000000467\*0\*P\*|?

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
ISA01	I01	Authorization Information Qualifier	M ID 2/2	Yes	00 = No authorization information included
ISA02	I02	Authorization Information	M AN 10/10	Yes	If ISA01 = 00 use ten spaces
ISA03	I03	Security Information Qualifier	M ID 2/2	Yes	00 = No authorization present
ISA04	I04	Security Information	M ID 10/10	Yes	If ISA04 = 00 use ten spaces.
ISA05	I05	Interchange ID Qualifier	M ID 2/2	Yes	01 = Duns Number
ISA06	I06	Interchange Sender ID	M AN 15/15	Yes	See next page for Metaldyne IDs
ISA07	I05	Interchange ID Qualifier	M ID 2/2	Yes	01 = Duns Number 12 = Phone Number ZZ = Mutually Defined
ISA08	I07	Interchange Receiver ID	M AN 15/15	Yes	
ISA09	I08	Interchange Date	M DT /6/6	Yes	Creation Date (YYMMDD)
ISA10	I09	Interchange Time	M TM 4/4	Yes	Creation Time (HHMM)
ISA11	I10	Interchange Control Standards Identifier	M ID 1/1	Yes	U = USA

<b>ISA12</b>	I11	Interchange Control Version Number	M ID 5/5	Yes	Use 00204
<b>ISA13</b>	I12	Interchange Control Number	M N0 9/9	Yes	Must be the same as IEA02. A sequential number starting with 1 and incremented by 1 for each ISA between sender and receiver
<b>ISA14</b>	I13	Acknowledgment Requested	M ID 1/1	Yes	1 = Acknowledgment required
<b>ISA15</b>	I14	Usage Indicator	M ID 1/1	Yes	P = Production data
<b>ISA16</b>	I15	Component Element Separator	M AN 1/1	Yes	

**Segment:** GS Functional Group Header

**Level:** Header

**Purpose:** To indicate the beginning of a functional group and to provide control information

**Examples:** GS~PS~118733062~201547189~060217~1243~467~X~002040

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
<b>GS01</b>	479	Functional Identifier Code	M ID 2/2	Yes	PS=Planning Schedule
<b>GS02</b>	142	Application Sender's Code	M AN 2/15	Yes	See next page for Metaldyne IDs
<b>GS03</b>	124	Application Receiver's Code	M AN 2/15	Yes	
<b>GS04</b>	029	Date	M DT 6/6	Yes	Date created. (YYMMDD)
<b>GS05</b>	030	Time	M TM 4/4	Yes	Time created (HHMM)
<b>GS06</b>	028	Group Control Number	M N0 1/9	Yes	This is a sequential number starting with 1 and incremented by 1 for each subsequent GS segment.
<b>GS07</b>	455	Responsible Agency Code	M ID ½	Yes	"X" = ASC X12
<b>GS08</b>	480	Version / Release / Industry Identifier Code	M AN 1/12	Yes	Use 002040

## Metaldyne ISA and GS ID Information

Metaldyne Location	ISA ID	GS ID	EDI VAN
<b>Driveline &amp; BSM Products</b>			
<b>Metaldyne Bluffton</b> 131 West Harvest Road Bluffton, Indiana 46714	01:118733062	092041409	Covisint
<b>Metaldyne Fremont</b> 307 S. Tillotson Fremont, IN 46737	01:118733062	005174933	Covisint
<b>Metaldyne Twinsburg</b> 8001 Bavaria Road Twinsburg, OH 44087	01:118733062	785126632	Covisint
<b>Sintered Products</b>			
<b>Metaldyne North Vernon</b> 3100 North Highway #3 North Vernon, IN, 47265	01:840551634	840551634	Covisint
<b>Metaldyne Ridgway</b> 1149 Rocky Road Ridgway, PA 15853	01:063654768	063654768	Covisint
<b>Metaldyne St. Marys</b> 197 West Creek Road St. Marys PA 15857	01:079365222	079365222	Covisint
<b>Metaldyne Warren</b> 30500 Ryan Rd Warren, Mi 48092	01:884079021	884079021	Covisint
<b>Metaldyne - Mexico</b> Blvd. Industrias de la Transformación 3120 Ramos Arizpe, Coahuila, México 25900	ZZ:METALDYNERA	812519932	Covisint
<b>Vibration Control Products</b>			
<b>Metaldyne Litchfield</b> 917 Anderson Road Litchfield, MI 49252	01:118733062	045245149	Covisint

## Introduction.

Metaldyne requires its suppliers to be capable of EDI communications to maintain a competitive position in the automotive industry.

As of the release of this document Metaldyne is requiring suppliers of direct raw materials to electronically receive from Metaldyne material planning information. Other Metaldyne suppliers will be notified of the need to comply with EDI requirements on a selected basis.

This document presents the Planning Schedule (document 830) transaction set as implemented at Metaldyne. This specification closely follows the AIAG 2040 specification for the Planning Schedule (830).

Metaldyne requires a 997 Functional Acknowledgement be returned for each 830 Planning Schedule sent to your company. Any Version is acceptable.

## Planning Schedule Structure.

A Planning Schedule will consist of three levels of hierarchical structures containing:

1. Header
2. Detail
3. Summary

A Planning Schedule will contain one Header level. There will be one Detail level for each separate item that is included in the plan. There must be one Summary level at the end of the document.

Only the segments shown in this document at their respective hierarchical levels are used in a Planning Schedule from Metaldyne. All other segment types not shown are not used and are omitted.

## Segment Descriptions.

The description of each segment is divided into two parts, as follows.

The **first part** provides a general description of the segment. The *Segment*, *Level*, *Loop*, *Usage*, *Max Usage*, and *Purpose* sections are a generic description of the segment. The *Notes* section provides information about the segment and **may contain information specific to Metaldyne's usage of the segment**. The *Example* section shows a typical example of the segment.

In the **second part** each of the elements in each segment is examined in detail. *Review these sections carefully because element sizes may be smaller than expected* or elements are not used at Metaldyne.

The *Elem ID*, *Elem #* and *Element Name* elements sections are simply the standard element descriptors from the AIAG manual for 830s.

The *Attributes* section describes whether the element is **Mandatory** or **Optional**, the type of element, and the minimum and maximum element length. Note that the maximum length of some elements will follow AIAG specifications length allowed in the Planning Schedule. However, Metaldyne may only use part of the element length allowed by the AIAG specifications. The maximum length used by Metaldyne is shown as the maximum length.

The *MD Use* section indicates whether Metaldyne uses this element.

The *Comments* section provides important information as to how each element is to be interpreted. If additional information about this element is required it will appear following the second part.

After all of the segments have been described, an example of a complete Planning Schedule will be provided.

## Header Level.

The Header level specifies information which pertains to the entire planning schedule. The segments at this level follow the standard EDI interpretation for a planning schedule with release capability.

The segments included in this level are:

SEG ID	Segment Name	Metaldyne Use
<b>ST</b>	<b>Transaction Set Header</b>	<b>Yes</b>
<b>BFR</b>	<b>Beginning Segment for Forecast/Material Release</b>	<b>Yes</b>
<b>NTE</b>	<b>Note/Special Instruction</b>	<b>Yes - Optional</b>
CUR	Currency	No
REF	Reference Numbers	No
PER	Administrative Communication Contact	No
TAX	Tax Reference	No
FOB	F.O.B. Related Instructions	No
<b>N1</b>	<b>Name</b>	<b>Yes</b>
N2	Additional Name Information	No
<b>N3</b>	<b>Address Information</b>	<b>Yes – Optional</b>
<b>N4</b>	<b>Geographic Location</b>	<b>Yes – Optional</b>
REF	Reference Numbers	No
<b>PER</b>	<b>Administrative Communications Contact</b>	<b>Yes – Optional</b>
FOB	F.O.B. Related Instructions	No
CTP	Pricing Information	No
SSS	Special Services	No
CSH	Header Sale Condition	No
ITD	Terms of Sale/Deferred Terms of Sale	No
DTM	Date/Time Reference	No
PID	Product/Item Description	No
MEA	Measurements	No
PWK	Paperwork	No
PKG	Marking, Packaging, Loading	No
TD1	Carrier Details (Quantity and Weight)	No
TD5	Carrier Details (Routing Sequence/Transit Time)	No
TD3	Carrier Details (Equipment)	No
TD4	Carrier Details (Special Handling)	No
MAN	Marks and Numbers	No
LM	Code Source Information	No
LQ	Industry Code	No

**Segment:** ST - Transaction Set Header..

**Level:** Header

**Loop:** -

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the start of a transaction set and to assign a control number.

**Notes:** The transaction set control number (ST02) in this header will match the transaction set control number (SE02) in the transaction set trailer (SE).

**Examples:** ST\*830\*1

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
ST01	143	Transaction Set Identifier Code	M ID 3/3	Yes	Use 830 = Planning Schedule
ST02	329	Transaction Set Control Number	M AN 4/9	Yes	A unique control number assigned to each transaction set within a functional group, starting with 0001 and incrementing by 1 for each subsequent transaction set. Same for SE02 segment.

**Segment:** BFR - Beginning segment for Forecast/Material Release.

**Level:** Header

**Loop:** -

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the beginning of a planning schedule transaction set and related forecast dates.

**Notes:** Element BFR04 indicates whether the planning schedule is shipment or delivery based.

**Examples:** BFR\*05\*\*266716 06021601\*DL\*A\* 060220\*070226\*060216

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
<b>BFR01</b>	353	Transaction Set Purpose Code	M ID 2/2	Yes	“05” = Replace.
<b>BFR02</b>	127	Reference Number	O AN 1/30	No	
<b>BFR03</b>	328	Release Number	M AN 1/30	Yes	
<b>BFR04</b>	675	Schedule Type Qualifier	M ID 2/2	Yes	“DL” = Delivery based
<b>BFR05</b>	676	Schedule Quantity Qualifier	M ID 1/1	Yes	“A” = Discrete Quantities
<b>BFR06</b>	373	Forecast Horizon Start	M DT 6/6	Yes	Horizon start date: the date when the forecast horizon begins in YYMMDD format.
<b>BFR07</b>	373	Forecast Horizon End	M DT 6/6	Yes	Horizon end date: the date when the forecast horizon ends in YYMMDD format.
<b>BFR08</b>	373	Forecast Generation Date	M DT 6/6	Yes	The forecast issue date in YYMMDD format.

**Segment:** NTE – Notes and Special Instructions.  
**Level:** Header  
**Loop:** -  
**Usage:** Floating  
**Max Use:** 100  
**Purpose:** To transmit information in a free-form format, if necessary, for comment or special instruction.

**Notes:**

**Examples:** NTE\*GEN\*Part is consigned from Metaldyne - Ridgeway for machining?

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
NTE01	363	Reference Code	M ID 3/3	Yes	Will send “GEN” in the Header area, “LIN” in the Detail area.
NTE02	003	Free Form Message	M AN 1/60	Yes	

<b>Segment:</b>	N1 - Name
<b>Level:</b>	Header
<b>Loop:</b>	N1
<b>Usage:</b>	Mandatory
<b>Max Use:</b>	4
<b>Purpose:</b>	To identify a party by type of organization, name and code.
<b>Notes:</b>	Metaldyne uses three N1 segments at the Header level. Your Metaldyne assigned Supplier/Vendor Number will be sent in the "N1*SU" segment. Your Duns Number will be sent in the "N1*Sf" segment. Metaldyne's Duns Number will be sent in the "N1*ST" segment.
<b>Examples:</b>	N1*ST*Metaldyne, Inc*01*119269827 N1*SU*Best Supplier*ZZ*00123456 N1*Sf*Best Supplier*01*123456789

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
N101	98	Entity Identifier Code	M ID 2/2	Yes	"SF" = Ship-from "ST" = Ship-to "SU" = Supplier
N102	93	Name	O AN 1/35	Yes	
N103	66	Identifier Code Qualifier	M ID 1/2	Yes	Metaldyne use: "01" = Duns Number "92" or "ZZ" = Metaldyne Assigned Code.
N104	67	Identification Code	M ID 2/18	Yes	

**Segment:** N3 - Address Information

**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 4

**Purpose:** To specify the location of the named party.

**Notes:**

**Examples:** N3\*P.O. Box 615

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
N301	166	Address information	M AN 1/35	Yes	
N302	166	Address information	O AN 1/35	Yes	

**Segment:** N4 - Geographic Location

**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 4

**Purpose:** To specify the location of the named party.

**Notes:**

**Examples:** N4\*Fremont\*IN\*46737-061

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
N401	019	City Name	M AN 2/19	Yes	
N402	156	State	M ID 2/2	Yes	
N403	116	Zip Code	M ID 5/9	Yes	

**Segment:** PER - Administrative Communications contact

**Level:** Header

**Loop:** N1

**Usage:** Optional

**Max Use:** 1

**Purpose:** To identify a person or office to whom administrative communications should be directed.

**Notes:**

**Examples:** PER\*SC\*Lambert, Glenn

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
PER01	366	Contact Function Code	M AN 2/2	Yes	
PER02	093	Name	M AN 1/35	Yes	

## Detail Level.

The **Detail** level specifies those segments which pertain to the items in the planning schedule. The segments included in this level are:

SEG ID	Segment Name	Metaldyne Use
<b>LIN</b>	<b>Item Identification Detail</b>	<b>Yes</b>
<b>UIT</b>	<b>Unit Detail</b>	<b>Yes</b>
CUR	Currency	No
SLN	Subline Detail	No
PID	Product/Item Description	No
PO3	Additional Line Detail	No
CTP	Pricing Information	No
PID	Product/Item Description	No
MEA	Measurements	No
PWK	Paperwork	No
PKG	Marking, Packaging, Loading	No
PO4	Item Physical Details	No
PRS	Part Release Status	No
REF	Reference Numbers	No
PER	Administrative Communications Contact	No
SSS	Special Services	No
ITA	Allowance, Charge or Service	No
ITD	Terms of Sale/Deferred Terms of Sale	No
TAX	Tax Reference	No
FOB	F.O.B. Related Instructions	No
N1	Name	No
N2	Additional Name Information	No
N3	Address Information	No
N4	Geographic Information	No
REF	Reference Numbers	No
PER	Contacts	No
FOB	F.O.B. Related Instructions	No
FST	Forecast Schedule	No
<b>SDP</b>	<b>Ship/Delivery Pattern</b>	<b>Yes</b>
<b>FST</b>	<b>Forecast Schedule</b>	<b>Yes</b>
SDQ	Destination Quantity	No
<b>ATH</b>	<b>Resource Authorizations</b>	<b>Yes</b>
<b>SHP</b>	<b>Shipping Information</b>	<b>Yes</b>
<b>REF</b>	<b>Reference Numbers</b>	<b>Yes</b>
TD1	Carrier Details (Quantity and Weight)	No
TD5	Carrier Details (Routing Sequence/Transit Time)	No
TD3	Carrier Details (Equipment)	No
TD4	Carrier Details (Special Handling)	No
MAN	Marks and Numbers	No
<b>CTT</b>	<b>Transaction Total</b>	<b>Yes</b>
<b>SE</b>	<b>Transaction Set Trailer</b>	<b>Yes</b>



**Segment:** LIN - Item Identification Detail

**Level:** Detail

**Loop:** LIN

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify basic item identification data.

**Notes:**

**Examples:** LIN\*\*BP\*SPN012402\*PD\*Casting Water Pump\*PO\*458

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
LIN01	350	Assigned Identification	O AN 1/6	No	
LIN02	235	Product ID Qualifier	M ID 2/2	Yes	“BP” = Buyer’s Part Number
LIN03	234	Product ID	M AN 1/18	Yes	Metaldyne Part Number. <b>NOTE:</b> A Metaldyne Part Number will not exceed 18 characters.
LIN04	235	Product ID Qualifier	M ID 2/2	Yes	“PD” = Part Description
LIN05	234	Product ID	M AN 1/30	Yes	Part Description
LIN06	235	Product ID Qualifier	O ID 2/2	Yes	“PO” = Purchase Order Number
LIN07	234	Product ID	M AN 1/8	Yes	Purchase Order Number <b>NOTE:</b> A Metaldyne PO Number will not exceed 8 characters.

**Segment:** UIT - Unit Detail  
**Level:** Detail  
**Loop:** LIN  
**Usage:** Mandatory  
**Max Use:** 1  
**Purpose:** To specify item unit data.  
**Notes:**  
**Examples:** UIT\*01

Elem ID	Elem #	Element Name	Attribute	MD Use	Comments
UIT01	355	Unit or Basis for Measurement Code	M ID 2/2	Yes	“EA” = Each

**Segment:** SDP - Ship/Delivery Pattern

**Level:** Detail

**Loop:** LIN/SDP

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To identify specific ship/delivery requirements.

**Notes:**

**Examples:** SDP\*A\*A

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
<b>SDP01</b>	678	Ship/Delivery Pattern Code	M ID 1/1	Yes	“A” = Monday - Friday
<b>SDP02</b>	679	Ship/Delivery Pattern Time Code	M ID 1/1	Yes	“A” = 1 <sup>st</sup> Shift

**Segment:** FST - Forecast Schedule

**Level:** Detail

**Loop:** LIN/SDP

**Usage:** Mandatory

**Max Use:** 260

**Purpose:** To specify the forecasted dates and quantities.

**Notes:**

**Examples:** FST\*500\*C\*D\*060213  
FST\*300\*D\*D\*060220

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
FST01	380	Quantity	M R 1/8	Yes	Discrete requirement quantity
FST02	680	Forecast Qualifier	M ID 1/1	Yes	“C” = Firm “D” = Planning
FST03	681	Forecast Timing Qualifier	M ID 1/1	Yes	“D” = Discrete “W” = Weekly “M” = Monthly
FST04	373	Date	M DT 6/6	Yes	Due Date (YYMMDD)

**Segment:** ATH - Resource Authorization

**Level:** Detail

**Loop:** LIN

**Usage:** Optional

**Max Use:** 3

**Purpose:** To specify resource authorizations (i.e., finished labor, material, etc.) in the planning schedule.

**Notes:**

**Examples:** ATH\*FI\*060213\*392221\*\*060101  
 ATH\*MT\*060212\*300000\*\*060101

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
ATH01	672	Resource Authorization Code	M ID 2/2	Yes	“FI” = FAB Authorization “MT” = Material Authorization.
ATH02	373	Date	C DT 6/6	Yes	
ATH03	380	Quantity	M R 1/15	Yes	.
ATH04	380	Quantity	O R 1/15	No	
ATH05	373	Date	M DT 6/6	Yes	

**Segment:** SHP - Shipped/Receive Information

**Level:** Detail

**Loop:** LIN/SHP

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify shipment and/or receipt information.

**Notes:**

**Examples:** SHP\*01\*10125\*050\*060208  
 SHP\*02\*383400\*051\*060101\*\*060213

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
<b>SHP01</b>	673	Quantity Qualifier	M ID 2/2	Yes	“01” = Discrete Quantity. “02” = Cumulative Quantity.
<b>SHP02</b>	380	Quantity	M R 1/15	Yes	SHP01 = “01”; Last shipment quantity received. SHP01 = “02”; Year-To-Date received quantity.
<b>SHP03</b>	374	Date/Time Qualifier	M ID 3/3	Yes	“050” = Shipment received date. “051” = Cumulative Quantity Start Date.
<b>SHP04</b>	373	Date	M DT 6/6	Yes	SHP01 = “01”; Last Ship Date. SHP01 = “02”; Beginning Inventory Date for this ship-to destination.
<b>SHP05</b>	337	Time	O TM 4/8	No	
<b>SHP06</b>	373	Date	C DT 6/6	Yes	SHP01 = “02”; Cumulative Quantity End Date

**Segment:** REF - Reference Numbers

**Level:** Detail

**Loop:** LIN/SHP

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To specify the Shipment ID Number of the last shipment received.

**Notes:**

**Examples:** REF\*SI\*0062892

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
<b>REF01</b>	128	Reference Number Qualifier	M ID 2/2	Yes	“SI” = Shipper’s identifying number.
<b>REF02</b>	127	Reference Number	M AN 1/30	Yes	

## Summary level.

The **Summary** hierarchical level specifies those segments, shown as **bold**, which pertain to the complete forecast. The segments included in this level are:

SEG ID	Segment Name	Metaldyne Use
<b>CTT</b>	<b>Transaction Totals</b>	<b>Yes</b>
<b>SE</b>	<b>Transaction Set Trailer</b>	<b>Yes</b>

**Segment:** CTT - Transaction Totals

**Level:** Summary

**Loop:**

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To transmit a hash total for a specific element in the transaction set.

**Notes:** Used to provide the hash totals for “LIN” segments and for the total quantities appearing in element “FST01” within this transaction set.

**Examples:** CTT\*4\*1234567

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
CTT01	354	Number of Line Items	M NO 1/6	Yes	Total number of LIN segments
CTT02	347	Hash Total	M R 1/10	Yes	The hash total of all quantities released (FST01).

**Segment:** SE - Transaction Set Trailer

**Level:** Summary

**Loop:**

**Usage:** Mandatory

**Max Use:** 1

**Purpose:** To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments).

**Notes:** The transaction set control number value in this trailer must match the same element value in the transaction set header (ST02).

**Examples:** SE\*52\*0001

Elem ID	Elem #	Element Name	Attributes	MD Use	Comments
SE01	96	Number of Included Segments	M NO 1/10	Yes	
SE02	329	Transaction Set Control Number	M AN 4/9	Yes	Same as ST02.

## Metaldyne (830) Example.

ST\*830\*820001  
 BFR\*05\*\*266650 06021601\*DL\*A\*060220\*070226\*060216  
 N1\*ST\*Metaldyne - New Castle\*01\*006068506  
 N4\*New Castle\*IN\*47362  
 PER\*SC\*NC- East Building  
 N1\*SU\*Best Supplier\*ZZ\*00123456  
 N1\*Sf\*Best Supplier\*01\*123456789  
 N4\*Plymouth\*MI\*48170  
 LIN\*\*BP\*01234567AD\*PD\*LX SRT8 Silver Caliper\*PO\*1557  
 UIT\*EA  
 SDP\*A\*A  
 FST\*1320\*C\*D\*060219  
 FST\*420\*C\*D\*060220  
 FST\*420\*C\*D\*060227  
 FST\*480\*C\*D\*060306  
 FST\*480\*C\*D\*060313  
 FST\*480\*C\*D\*060320  
 FST\*480\*C\*D\*060327  
 FST\*480\*D\*D\*060403  
 FST\*960\*D\*D\*060410  
 FST\*2160\*D\*D\*060424  
 FST\*720\*D\*D\*060529  
 FST\*600\*D\*D\*060626  
 FST\*1200\*D\*D\*060731  
 FST\*1200\*D\*D\*060828  
 FST\*1200\*D\*D\*060925  
 FST\*1200\*D\*D\*061030  
 FST\*1200\*D\*D\*061127  
 FST\*1200\*D\*D\*061226  
 FST\*1200\*D\*D\*070129  
 FST\*1200\*D\*D\*070226  
 ATH\*FI\*060216\*5781\*\*060101  
 SHP\*01\*300\*050\*060216  
 REF\*SI\*0062892  
 SHP\*02\*4461\*051\*060101\*\*060216  
 LIN\*\*BP\*SPN016580\*PD\*HUB\*PO\*1557  
 UIT\*EA  
 SDP\*A\*A  
 FST\*320\*C\*D\*060219  
 FST\*920\*C\*D\*060220  
 FST\*920\*C\*D\*060227  
 FST\*980\*C\*D\*060306  
 FST\*980\*C\*D\*060313  
 FST\*980\*C\*D\*060320  
 FST\*980\*C\*D\*060327  
 FST\*980\*D\*D\*060403  
 FST\*960\*D\*D\*060410  
 FST\*2160\*D\*D\*060424  
 FST\*720\*D\*D\*060529  
 FST\*600\*D\*D\*060626  
 FST\*1200\*D\*D\*060731  
 FST\*1200\*D\*D\*060828  
 FST\*1200\*D\*D\*060925  
 FST\*1200\*D\*D\*061030  
 FST\*1200\*D\*D\*061127  
 FST\*1200\*D\*D\*061226

FST\*1200\*D\*D\*070129  
FST\*1200\*D\*D\*070226  
ATH\*FI\*060216\*5781\*\*060101  
SHP\*01\*300\*050\*060216  
REF\*SI\*0062891  
SHP\*02\*5461\*051\*060101\*\*060216  
CTT\*1\*18600  
SE\*63\*820001