

867 Product Transfer and Resale Report

Functional Group=PT

This Draft Standard for Trial Use contains the format and establishes the data contents of the Product Transfer and Resale Report Transaction Set (867) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to: (1) report information about product that has been transferred from one location to another; (2) report sales of product from one or more locations to an end customer; or (3) report sales of a product from one or more locations to an end customer, and demand beyond actual sales (lost orders). Report may be issued by either buyer or seller.

Notes:

2/2800 The LX loop conveys serial number, lot number, and inventory data.

3/0100 The number of line items (CTT01) is the accumulation of the number of LIN segments. If used, hash total (CTT02) is the sum of the value of quantities (QTY02) for each QTY segment.

Heading:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0100	ST	Transaction Set Header	M	1			Must use
0200	BPT	Beginning Segment for Product Transfer and Resale	M	1			Must use
* 0400	CUR	Currency	O	1			Not used
0500	DTM	Date/Time Reference	O	10			Used
0600	REF	Reference Identification	O	12			Used
0700	PER	Administrative Communications Contact	O	3			Used
* 0750	MEA	Measurements	O	20			Not used
* 0780	PSA	Partner Share Accounting	O	10			Not used
LOOP ID - N1					<u>5</u>		
0800	N1	Name	O	1			Used
* 0900	N2	Additional Name Information	O	2			Not used
1000	N3	Address Information	O	2			Used
1100	N4	Geographic Location	O	1			Used
1200	REF	Reference Identification	O	12			Used
LOOP ID - PER					<u>≥1</u>		
1300	PER	Administrative Communications Contact	O	1			Used
* 1350	REF	Reference Identification	O	>1			Not used
LOOP ID - LM					<u>≥1</u>		
1400	LM	Code Source Information	O	1			Used
1500	LQ	Industry Code	M	100			Must use

Detail:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - PTD					<u>≥1</u>		
0100	PTD	Product Transfer and Resale Detail	M	1			Must use
0200	DTM	Date/Time Reference	O	10			Used
0300	REF	Reference Identification	O	20			Used
* 0350	PRF	Purchase Order Reference	O	1			Not used
0400	PER	Administrative Communications Contact	O	3			Used
* 0450	MAN	Marks and Numbers	O	1			Not used

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - N1						5	
	0500	N1	Name	O	1		Used
*	0600	N2	Additional Name Information	O	2		Not used
*	0700	N3	Address Information	O	2		Not used
*	0800	N4	Geographic Location	O	1		Not used
*	0900	REF	Reference Identification	O	20		Not used
*	1000	PER	Administrative Communications Contact	O	3		Not used
LOOP ID - SII						≥1	
*	1050	SII	Sales Item Information	O	1		Not used
*	1070	N9	Reference Identification	O	1		
LOOP ID - QTY						≥1	
	1100	QTY	Quantity	O	1		Used
*	1200	LIN	Item Identification	O	1		Not used
*	1220	PO3	Additional Item Detail	O	25		Not used
*	1250	PO4	Item Physical Details	O	1		Not used
*	1300	UIT	Unit Detail	O	12		Not used
*	1400	AMT	Monetary Amount	O	12		Not used
*	1410	ITA	Allowance, Charge or Service	O	10		Not used
	1500	PID	Product/Item Description	O	200		Used
	1600	MEA	Measurements	O	40		Used
*	1700	PWK	Paperwork	O	25		Not used
*	1800	PKG	Marking, Packaging, Loading	O	25		Not used
	1900	REF	Reference Identification	O	>1		Used
*	2000	PER	Administrative Communications Contact	O	3		Not used
*	2100	DTM	Date/Time Reference	O	10		Not used
*	2200	CUR	Currency	O	1		Not used
*	2400	DD	Demand Detail	O	>1		Not used
*	2500	LDT	Lead Time	O	1		Not used
LOOP ID - LM						≥1	
	2600	LM	Code Source Information	O	1		Used
	2700	LQ	Industry Code	O	100		Used
LOOP ID - LX						≥1	
*	2800	LX	Assigned Number	O	1	N2/2800	Not used
*	2900	REF	Reference Identification	O	>1		
*	3000	DTM	Date/Time Reference	O	1		
*	3100	N1	Name	O	1		
LOOP ID - LM						≥1	
*	3200	LM	Code Source Information	O	1		
*	3300	LQ	Industry Code	M	100		
LOOP ID - FA1						≥1	
*	3400	FA1	Type of Financial Accounting Data	O	1		Not used
*	3500	FA2	Accounting Data	M	>1		

Summary:

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
LOOP ID - CTT						1	
*	0100	CTT	Transaction Totals	O	1	N3/0100	Not used
*	0200	AMT	Monetary Amount	O	12		
*	0210	ITA	Allowance, Charge or Service	O	10		

<u>Pos</u>	<u>Id</u>	<u>Segment Name</u>	<u>Req</u>	<u>Max Use</u>	<u>Repeat</u>	<u>Notes</u>	<u>Usage</u>
0300	SE	Transaction Set Trailer	M	1			Must use

ST Transaction Set Header

Pos: 0100	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 3

To indicate the start of a transaction set and to assign a control number

Semantics:

1. The transaction set identifier (ST01) is used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
2. The implementation convention reference (ST03) is used by the translation routines of the interchange partners to select the appropriate implementation convention to match the transaction set definition.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
ST01	143	Transaction Set Identifier Code Description: Code uniquely identifying a Transaction Set	M	ID	3/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>867</td> <td>Product Transfer and Resale Report</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	867	Product Transfer and Resale Report				
<u>Code</u>	<u>Name</u>									
867	Product Transfer and Resale Report									
ST02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Implementation Note: <i>The number is assigned by the sender's translation software to identify the transaction set.</i>	M	AN	4/9	Must use				
* ST03	1705	Implementation Convention Reference Description: Reference assigned to identify Implementation Convention	O	AN	1/35	Not used				

BPT Beginning Segment for Product Transfer and Resale

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 10

To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data

Syntax:

1. BPT05 P0506 -- If either BPT05 or BPT06 are present, then the others are required.

Semantics:

1. BPT02 identifies the transfer/resale number.
2. BPT03 identifies the transfer/resale date.
3. BPT08 identifies the transfer/resale time.
4. BPT09 is used when it is necessary to reference a Previous Report Number.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
BPT01	353	Transaction Set Purpose Code Description: Code identifying purpose of transaction set	M	ID	2/2	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>00</td> <td>Original</td> </tr> <tr> <td>05</td> <td>Replace</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	05	Replace				
<u>Code</u>	<u>Name</u>											
00	Original											
05	Replace											
BPT02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier Implementation Note: <i>The number is assigned by the sender to uniquely identify the transaction set.</i>	O	AN	1/50	Used						
BPT03	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year Implementation Note: <i>Use this data field to relay the date that the transaction set was sent.</i>	M	DT	8/8	Must use						
BPT04	755	Report Type Code Description: Code indicating the title or contents of a document, report or supporting item	O	ID	2/2	Used						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PX</td> <td>Production, Injection and Disposition Report</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PX	Production, Injection and Disposition Report						
<u>Code</u>	<u>Name</u>											
PX	Production, Injection and Disposition Report											
* BPT05	648	Price Multiplier Qualifier Description: Code indicating the type of price multiplier All valid standard codes are used.	C	ID	3/3	Not used						
* BPT06	649	Multiplier	C	R	1/10	Not used						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Value to be used as a multiplier to obtain a new value				
* BPT07	306	Action Code Description: Code indicating type of action All valid standard codes are used.	O	ID	1/2	Not used
* BPT08	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	O	TM	4/8	Not used
* BPT09	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	O	AN	1/50	Not used
* BPT10	786	Security Level Code Description: Code indicating the level of confidentiality assigned by the sender to the information following All valid standard codes are used.	O	ID	2/2	Not used

DTM Date/Time Reference

Pos: 0500	Max: 10
Heading - Optional	
Loop: N/A	Elements: 6

To specify pertinent dates and times

Syntax:

1. DTM02 R020305 -- At least one of DTM02, DTM03 or DTM05 is required.
2. DTM04 C0403 -- If DTM04 is present, then DTM03 is required
3. DTM05 P0506 -- If either DTM05 or DTM06 are present, then the others are required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>458</td> <td>Certification</td> </tr> </tbody> </table> <p>Implementation Note: Use this code value to relay the authorization or certification date.</p>	<u>Code</u>	<u>Name</u>	458	Certification						
<u>Code</u>	<u>Name</u>											
458	Certification											
* DTM02	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C	DT	8/8	Not used						
* DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C	TM	4/8	Not used						
* DTM04	623	Time Code Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow. All valid standard codes are used.	O	ID	2/2	Not used						
DTM05	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format	C	ID	2/3	Used						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>D6</td> <td>Date Expressed in Format YYMMDD</td> </tr> <tr> <td>DB</td> <td>Date Expressed in Format MMDDCCYY</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	D6	Date Expressed in Format YYMMDD	DB	Date Expressed in Format MMDDCCYY				
<u>Code</u>	<u>Name</u>											
D6	Date Expressed in Format YYMMDD											
DB	Date Expressed in Format MMDDCCYY											

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
DTM06	1251	Date Time Period Description: Expression of a date, a time, or range of dates, times or dates and times Implementation Note: <i>Use this data field to relay the actual authorization/certification date.</i>	C	AN	1/35	Used

REF Reference Identification

Pos: 0600	Max: 12
Heading - Optional	
Loop: N/A	Elements: 4

To specify identifying information

Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

Semantics:

- REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage				
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use				
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>Y8</td> <td>User ID</td> </tr> </tbody> </table> <p>Implementation Note: Use this code value is used to transmit the user identification data.</p>	Code	Name	Y8	User ID				
Code	Name									
Y8	User ID									
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used				
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used				
* REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used				
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use				
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use				
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used				
	127	Reference Identification	C	AN	1/50	Used				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
127		Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used

PER Administrative Communications Contact

Pos: 0700	Max: 3
Heading - Optional	
Loop: N/A	Elements: 9

To identify a person or office to whom administrative communications should be directed

Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage						
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use						
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>AU</td> <td>Report Authorizer</td> </tr> <tr> <td>PU</td> <td>Report Preparer</td> </tr> </tbody> </table> <p>Implementation Note: Use this code value to qualify the title of the report authorizer.</p>	Code	Name	AU	Report Authorizer	PU	Report Preparer				
Code	Name											
AU	Report Authorizer											
PU	Report Preparer											
PER02	93	Name Description: Free-form name	O	AN	1/60	Recommended						
		Implementation Note: Use this data field to relay the contact point's name using free-form text.										
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	Code	Name	TE	Telephone						
Code	Name											
TE	Telephone											
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used						
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						
		<table border="1"> <thead> <tr> <th>Code</th> <th>Name</th> </tr> </thead> <tbody> <tr> <td>EX</td> <td>Telephone Extension</td> </tr> </tbody> </table>	Code	Name	EX	Telephone Extension						
Code	Name											
EX	Telephone Extension											
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used						
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u>	<u>Name</u>				
		EM	Electronic Mail				
PER08	364	Communication Number		C	AN	1/256	Used
		Description: Complete communications number including country or area code when applicable					
* PER09	443	Contact Inquiry Reference		O	AN	1/20	Not used
		Description: Additional reference number or description to clarify a contact number					

N1 Name

Pos: 0800	Max: 1
Heading - Optional	
Loop: N1	Elements: 6

To identify a party by type of organization, name, and code

Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
N101	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual Implementation Note: <i>Please note the operator is also the transaction sender.</i>	M	ID	2/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>OP</td> <td>Operator of property or unit</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	OP	Operator of property or unit				
<u>Code</u>	<u>Name</u>									
OP	Operator of property or unit									
N102	93	Name Description: Free-form name Implementation Note: <i>Use this data field to relay the name of the company using free-form text.</i>	C	AN	1/60	Used				
* N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) All valid standard codes are used.	C	ID	1/2	Not used				
* N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Not used				
* N105	706	Entity Relationship Code Description: Code describing entity relationship All valid standard codes are used.	O	ID	2/2	Not used				
* N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.	O	ID	2/3	Not used				

N3 Address Information

Pos: 1000	Max: 2
Heading - Optional	
Loop: N1	Elements: 2

To specify the location of the named party

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N301	166	Address Information Description: Address information Implementation Note: Use this data field to relay company address information.	M	AN	1/55	Must use
N302	166	Address Information Description: Address information Implementation Note: Use this data field to relay additional company address information.	O	AN	1/55	Used

N4 Geographic Location

Pos: 1100	Max: 1
Heading - Optional	
Loop: N1	Elements: 7

To specify the geographic place of the named party

Syntax:

1. N402 E0207 -- Only one of N402 or N407 may be present.
2. N406 C0605 -- If N406 is present, then N405 is required
3. N407 C0704 -- If N407 is present, then N404 is required

Comments:

1. A combination of either N401 through N404, or N405 and N406 may be adequate to specify a location.
2. N402 is required only if city name (N401) is in the U.S. or Canada.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N401	19	City Name Description: Free-form text for city name Implementation Note: <i>Use this data field to relay the name of the city in which the company resides.</i>	O	AN	2/30	Used
N402	156	State or Province Code Description: Code (Standard State/Province) as defined by appropriate government agency Implementation Note: <i>Use this data field to relay the name of the state in which the company resides.</i>	C	ID	2/2	Used
N403	116	Postal Code Description: Code defining international postal zone code excluding punctuation and blanks (zip code for United States) Implementation Note: <i>Use this data field to relay the postal code for the city in which the company resides.</i>	O	ID	3/15	Used
N404	26	Country Code Description: Code identifying the country Implementation Note: <i>Use this data field to relay the postal code for the city in which the company resides.</i>	C	ID	2/3	Used
* N405	309	Location Qualifier Description: Code identifying type of location All valid standard codes are used.	C	ID	1/2	Not used
* N406	310	Location Identifier Description: Code which identifies a specific location	O	AN	1/30	Not used
* N407	1715	Country Subdivision Code	C	ID	1/3	Not used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description:				
		Code identifying the country subdivision				

REF Reference Identification

Pos: 1200	Max: 12
Heading - Optional	
Loop: N1	Elements: 4

To specify identifying information

Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

Semantics:

- REF04 contains data relating to the value cited in REF02.

Implementation Note:

This REF segment is used to identify the assigned number of the Operational/Submitter specified in the N1 segment.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use
		Code Name OF Operator Identification Number				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used
* REF03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used
* REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
	127	Reference Identification	C	AN	1/50	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
127		Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used

PER Administrative Communications Contact

Pos: 1300	Max: 1
Heading - Optional	
Loop: PER	Elements: 9

To identify a person or office to whom administrative communications should be directed

Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use
		<u>Code</u> <u>Name</u> CN General Contact				
PER02	93	Name Description: Free-form name Implementation Note: Use this data field to relay the contact point's name using free-form text.	O	AN	1/60	Used
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> TE Telephone				
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> FX Facsimile				
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> EM Electronic Mail				
PER08	364	Communication Number	C	AN	1/256	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Complete communications number including country or area code when applicable				
* PER09	443	Contact Inquiry Reference	O	AN	1/20	Not used
		Description: Additional reference number or description to clarify a contact number				

LM Code Source Information

Pos: 1400	Max: 1
Heading - Optional	
Loop: LM	Elements: 2

To transmit standard code list identification information

Comments:

- LM02 identifies the applicable industry code list source information.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use
		Description: Code identifying the agency assigning the code values				
		<u>Code</u>		<u>Name</u>		
		AP		American Petroleum Institute		
LM02	822	Source Subqualifier	O	AN	1/15	Used
		Description: A reference that indicates the table or text maintained by the Source Qualifier				
		Implementation Note: <i>The Source Subqualifier is the Petroleum Industry Data Dictionary (PIDD). Refer to http://www.api.org/faeb/pidd/base.html (see Code Source 261 in the Appendix).</i>				

LQ Industry Code

Pos: 1500	Max: 100
Heading - Mandatory	
Loop: LM	Elements: 2

Code to transmit standard industry codes

Syntax:

1. LQ01 C0102 -- If LQ01 is present, then LQ02 is required

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>				
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used				
		Description: Code identifying a specific industry code list								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PRR</td> <td>Petroleum Regulatory Report</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PRR	Petroleum Regulatory Report				
<u>Code</u>	<u>Name</u>									
PRR	Petroleum Regulatory Report									
LQ02	1271	Industry Code	C	AN	1/30	Used				
		Description: Code indicating a code from a specific industry code list								
		Implementation Note: <i>Populate this data field to relay the code used to indicate which royalty report being transmitting. (i.e., PRR003 is MMS-4054 or PRR027 is Alaska 10-405).</i>								

PTD Product Transfer and Resale Detail

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: PTD	Elements: 6

To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data

Syntax:

1. PTD02 P0203 -- If either PTD02 or PTD03 are present, then the others are required.
2. PTD04 P0405 -- If either PTD04 or PTD05 are present, then the others are required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																		
PTD01	521	Product Transfer Type Code Description: Code identifying the type of product transfer	M	ID	2/2	Must use																		
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>ON</td> <td>Onshore Movement/Sale</td> </tr> <tr> <td>PL</td> <td>Property Level Movement/Sale</td> </tr> <tr> <td>PO</td> <td>Production Origin</td> </tr> <tr> <td>SS</td> <td>Stock Sale</td> </tr> <tr> <td>TD</td> <td>Transfer for Disposal</td> </tr> <tr> <td>WL</td> <td>Well Level Movement/Sale</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	ON	Onshore Movement/Sale	PL	Property Level Movement/Sale	PO	Production Origin	SS	Stock Sale	TD	Transfer for Disposal	WL	Well Level Movement/Sale								
<u>Code</u>	<u>Name</u>																							
ON	Onshore Movement/Sale																							
PL	Property Level Movement/Sale																							
PO	Production Origin																							
SS	Stock Sale																							
TD	Transfer for Disposal																							
WL	Well Level Movement/Sale																							
* PTD02	648	Price Multiplier Qualifier Description: Code indicating the type of price multiplier All valid standard codes are used.	C	ID	3/3	Not used																		
* PTD03	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	C	R	1/10	Not used																		
PTD04	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	C	ID	2/3	Used																		
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AH</td> <td>Agreement Number</td> </tr> <tr> <td>LC</td> <td>Lease Number</td> </tr> <tr> <td>LU</td> <td>Location Number</td> </tr> <tr> <td>M5</td> <td>Lease Agreement Amendment Number - Master</td> </tr> <tr> <td>SE</td> <td>Serial Number</td> </tr> <tr> <td>VI</td> <td>Pool Number</td> </tr> <tr> <td>WB</td> <td>American Petroleum Institute (API) Well</td> </tr> <tr> <td>FMP</td> <td>Facility Measurement Point Number</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AH	Agreement Number	LC	Lease Number	LU	Location Number	M5	Lease Agreement Amendment Number - Master	SE	Serial Number	VI	Pool Number	WB	American Petroleum Institute (API) Well	FMP	Facility Measurement Point Number				
<u>Code</u>	<u>Name</u>																							
AH	Agreement Number																							
LC	Lease Number																							
LU	Location Number																							
M5	Lease Agreement Amendment Number - Master																							
SE	Serial Number																							
VI	Pool Number																							
WB	American Petroleum Institute (API) Well																							
FMP	Facility Measurement Point Number																							
PTD05	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used																		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* PTD06	486	Product Transfer Movement Type Code Description: To indicate the type of product transfer movement All valid standard codes are used.	O	ID	2/2	Not used

DTM Date/Time Reference

Pos: 0200	Max: 10
Detail - Optional	
Loop: PTD	Elements: 6

To specify pertinent dates and times

Syntax:

1. DTM02 R020305 -- At least one of DTM02, DTM03 or DTM05 is required.
2. DTM04 C0403 -- If DTM04 is present, then DTM03 is required
3. DTM05 P0506 -- If either DTM05 or DTM06 are present, then the others are required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
DTM01	374	Date/Time Qualifier Description: Code specifying type of date or time, or both date and time	M	ID	3/3	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>405</td> <td>Production</td> </tr> <tr> <td>802</td> <td>Date of Action</td> </tr> <tr> <td>842</td> <td>Last Production</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	405	Production	802	Date of Action	842	Last Production				
<u>Code</u>	<u>Name</u>													
405	Production													
802	Date of Action													
842	Last Production													
* DTM02	373	Date Description: Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year	C	DT	8/8	Not used								
* DTM03	337	Time Description: Time expressed in 24-hour clock time as follows: HHMM, or HHMMSS, or HHMMSSD, or HHMMSSDD, where H = hours (00-23), M = minutes (00-59), S = integer seconds (00-59) and DD = decimal seconds; decimal seconds are expressed as follows: D = tenths (0-9) and DD = hundredths (00-99)	C	TM	4/8	Not used								
* DTM04	623	Time Code Description: Code identifying the time. In accordance with International Standards Organization standard 8601, time can be specified by a + or - and an indication in hours in relation to Universal Time Coordinate (UTC) time; since + is a restricted character, + and - are substituted by P and M in the codes that follow All valid standard codes are used.	O	ID	2/2	Not used								
DTM05	1250	Date Time Period Format Qualifier Description: Code indicating the date format, time format, or date and time format	C	ID	2/3	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>MC</td> <td>Date Expressed in Format MMYYYY</td> </tr> <tr> <td>TQ</td> <td>Date Expressed in Format</td> </tr> </tbody> </table> <p>Implementation Note: This code value is pending approval by ASC X12.</p>	<u>Code</u>	<u>Name</u>	MC	Date Expressed in Format MMYYYY	TQ	Date Expressed in Format						
<u>Code</u>	<u>Name</u>													
MC	Date Expressed in Format MMYYYY													
TQ	Date Expressed in Format													

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u>	<u>Name</u>			
			MMYY			
DTM06	1251	Date Time Period	C	AN	1/35	Used
		Description: Expression of a date, a time, or range of dates, times or dates and times				
		Implementation Note: <i>Use this data field to relay the production month and year the detail item set is being submitted for.</i>				

REF Reference Identification

Pos: 0300	Max: 20
Detail - Optional	
Loop: PTD	Elements: 4

To specify identifying information

Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

Semantics:

- REF04 contains data relating to the value cited in REF02.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
REF01	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		Code		Name		
		17		Client Reporting Category		
				Implementation Note: Use this code value to report original/amended report. It is also used for action codes on MMS-OGOR.		
		IJ		Facility ID Number		
		AH		Agreement Number		
		CU		Clear Text Clause		
				Implementation Note: Use this code value to relay remarks or comments.		
		LC		Lease Number		
		LU		Location Number		
				Implementation Note: Use this code value to relay regulatory field codes.		
		M5		Lease Agreement Amendment Number - Master		
				Implementation Note: The lease agreement number is assigned by a specific agency.		
		MG		Meter Number		
		OA		Outlet Number		
		PE		Plant Number		
				Implementation Note: Use this code value to represent the gas plant number.		
		PN		Permit Number		
		SB		Sales Region Number		
		SE		Serial Number		
				Implementation Note: Use this code value to represent the well serial number reported on Louisiana R-5P Report.		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Code				
		Name				
		UM				Quarter Quarter Section Number
		UQ				Section Number
		UU				Township Number
		UV				Range Number
		VI				Pool Number
		WN				Well Number
		Implementation Note: Use this code value to represent the company/operator assigned well number.				
		X8				Secondary Suffix Code Indicator
		Implementation Note: This code value is used to report the producing interval on MMS-OGOR-A.				
		YR				Operator Lease Number
		ZX				County Code
		FMP				Facility Measurement Point Number
REF02	127	Reference Identification	C	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
		Implementation Note: Report the following codes from DE 875 when using REF01 Qualifier 17: (Client Reporting Category). If code qualifier 17 is not used the report is assumed to be an original.				
		002 Delete (used for Delete Action Code)				
		003 Add (used for Add Action Code)				
		011 All Items Refresh (used to indicate a Replace Report Type)				
		026 Correction (used to indicate a Modify Report Type)				
		050 Original (used to indicate an Original Report Type)				
* REF03	352	Description	C	AN	1/80	Not used
		Description: A free-form description to clarify the related data elements and their content				
* REF04	C040	Reference Identifier	O	Comp		Not used
		Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
	128	Reference Identification Qualifier	M	ID	2/3	Must use
		Description: Code qualifying the Reference Identification				
		All valid standard codes are used.				
	127	Reference Identification	M	AN	1/50	Must use
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
	128	Reference Identification Qualifier	C	ID	2/3	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		Description: Code qualifying the Reference Identification All valid standard codes are used.				
127		Reference Identification	C	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		Reference Identification Qualifier	C	ID	2/3	Used
		Description: Code qualifying the Reference Identification All valid standard codes are used.				
127		Reference Identification	C	AN	1/50	Used
		Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

PER Administrative Communications Contact

Pos: 0400	Max: 3
Detail - Optional	
Loop: PTD	Elements: 9

To identify a person or office to whom administrative communications should be directed

Syntax:

1. PER03 P0304 -- If either PER03 or PER04 are present, then the others are required.
2. PER05 P0506 -- If either PER05 or PER06 are present, then the others are required.
3. PER07 P0708 -- If either PER07 or PER08 are present, then the others are required.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>						
PER01	366	Contact Function Code Description: Code identifying the major duty or responsibility of the person or group named	M	ID	2/2	Must use						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>CN</td> <td>General Contact</td> </tr> <tr> <td>PU</td> <td>Report Preparer</td> </tr> </table>	<u>Code</u>	<u>Name</u>	CN	General Contact	PU	Report Preparer				
<u>Code</u>	<u>Name</u>											
CN	General Contact											
PU	Report Preparer											
PER02	93	Name Description: Free-form name	O	AN	1/60	Used						
PER03	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>TE</td> <td>Telephone</td> </tr> </table>	<u>Code</u>	<u>Name</u>	TE	Telephone						
<u>Code</u>	<u>Name</u>											
TE	Telephone											
PER04	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used						
PER05	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>EX</td> <td>Telephone Extension</td> </tr> </table>	<u>Code</u>	<u>Name</u>	EX	Telephone Extension						
<u>Code</u>	<u>Name</u>											
EX	Telephone Extension											
PER06	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used						
PER07	365	Communication Number Qualifier Description: Code identifying the type of communication number	C	ID	2/2	Used						
		<table border="0"> <tr> <td><u>Code</u></td> <td><u>Name</u></td> </tr> <tr> <td>EM</td> <td>Electronic Mail</td> </tr> </table>	<u>Code</u>	<u>Name</u>	EM	Electronic Mail						
<u>Code</u>	<u>Name</u>											
EM	Electronic Mail											
PER08	364	Communication Number Description: Complete communications number including country or area code when applicable	C	AN	1/256	Used						

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* PER09	443	Contact Inquiry Reference Description: Additional reference number or description to clarify a contact number	O	AN	1/20	Not used

N1 Name

Pos: 0500	Max: 1
Detail - Optional	
Loop: N1	Elements: 6

To identify a party by type of organization, name, and code

Syntax:

1. N102 R0203 -- At least one of N102 or N103 is required.
2. N103 P0304 -- If either N103 or N104 are present, then the others are required.

Comments:

1. This segment, used alone, provides the most efficient method of providing organizational identification. To obtain this efficiency the "ID Code" (N104) must provide a key to the table maintained by the transaction processing party.
2. N105 and N106 further define the type of entity in N101.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
N101	98	Entity Identifier Code	M	ID	2/3	Must use
		Description: Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		2F		State		
		C7		County		
		FA		Facility		
		FC		Customer Identification File (CIF) Customer Identifier		
				Implementation Note: Use this code value to represent the operators lease/agreement/communication name.		
		JU		Jurisdiction		
				Implementation Note: Use thi code value to represent the area name.		
		PP		Property		
				Implementation Note: Use this code value to represent the pool name.		
		R4		Regulatory (State) District		
				Implementation Note: Use this code to represent the regulatory district name.		
		RV		Reservoir		
				Implementation Note: Use this code value to represent the reservoir name.		
		SH		Shipper		
				Implementation Note: Use this code value to represent the		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>																						
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td></td> <td><i>transporter name.</i></td> </tr> <tr> <td>SL</td> <td>Origin Sublocation</td> </tr> <tr> <td>T1</td> <td>Operator of the Transfer Point</td> </tr> <tr> <td>WN</td> <td>Company Assigned Well</td> </tr> <tr> <td></td> <td>Implementation Note: <i>Use this code value to represent the well name.</i></td> </tr> <tr> <td>ZT</td> <td>Participating Area</td> </tr> <tr> <td>ZU</td> <td>Formation</td> </tr> <tr> <td>ZW</td> <td>Field</td> </tr> <tr> <td>ABD</td> <td>Unit Property</td> </tr> <tr> <td></td> <td>Implementation Note: <i>Use this code value to relay the unit name.</i></td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>		<i>transporter name.</i>	SL	Origin Sublocation	T1	Operator of the Transfer Point	WN	Company Assigned Well		Implementation Note: <i>Use this code value to represent the well name.</i>	ZT	Participating Area	ZU	Formation	ZW	Field	ABD	Unit Property		Implementation Note: <i>Use this code value to relay the unit name.</i>				
<u>Code</u>	<u>Name</u>																											
	<i>transporter name.</i>																											
SL	Origin Sublocation																											
T1	Operator of the Transfer Point																											
WN	Company Assigned Well																											
	Implementation Note: <i>Use this code value to represent the well name.</i>																											
ZT	Participating Area																											
ZU	Formation																											
ZW	Field																											
ABD	Unit Property																											
	Implementation Note: <i>Use this code value to relay the unit name.</i>																											
N102	93	Name Description: Free-form name	C	AN	1/60	Used																						
* N103	66	Identification Code Qualifier Description: Code designating the system/method of code structure used for Identification Code (67) All valid standard codes are used.	C	ID	1/2	Not used																						
* N104	67	Identification Code Description: Code identifying a party or other code	C	AN	2/80	Not used																						
* N105	706	Entity Relationship Code Description: Code describing entity relationship All valid standard codes are used.	O	ID	2/2	Not used																						
* N106	98	Entity Identifier Code Description: Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.	O	ID	2/3	Not used																						

QTY Quantity

Pos: 1100	Max: 1
Detail - Optional	
Loop: QTY	Elements: 4

To specify quantity information

Syntax:

1. QTY02 R0204 -- At least one of QTY02 or QTY04 is required.
2. QTY02 E0204 -- Only one of QTY02 or QTY04 may be present.

Semantics:

1. QTY04 is used when the quantity is non-numeric.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
QTY01	673	Quantity Qualifier	M	ID	2/2	Must use
Description: Code specifying the type of quantity						
	<u>Code</u>	<u>Name</u>				
	01	Discrete Quantity				
	17	Quantity on Hand				
		Implementation Note: Use this code value to represent the beginning inventory oil/condensate.				
	32	Quantity Sold				
		Implementation Note: Use this code value to represent the sales quantity.				
	76	Returns				
		Implementation Note: Use this code value to represent the gas returned from the processing plant.				
	77	Stock Transfers In				
		Implementation Note: Use this code value to represent the acquired gas volume.				
	78	Stock Transfers Out				
		Implementation Note: Use this code value to represent the transferred volumes.				
	A5	Adjusted Quantity				
		Implementation Note: Use this code value to represent the adjustment volume.				
	B4	Approved Amount				
		Implementation Note: Use this code value to represent the allowable volume.				
	CG	Cumulative Gas Volume				
	CI	Cumulative Gas Injection Volume				
	CL	Cumulative Liquid Injection				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u>	<u>Name</u>			
			Volume			
		CO	Cumulative Oil/Condensate Volume			
		CW	Cumulative Water Volume			
		DP	Days Produced			
		ES	Ending Stock			
			Implementation Note: Use this code value to represent the ending inventory/oil condensate.			
		FC	Fuel Consumed or Burned Amount			
			Implementation Note: Use this code value to represent the safety systems flare.			
		GI	Gas Injection Volume			
		GP	Gross Production			
		GS	Gas Sold			
		GV	Gas Volume			
		LI	Liquid Injection Volume			
			Implementation Note: Use this code value to represent the oil/condensate injection volume.			
		LO	Lost Oil			
		LS	Oil Condensate Sold			
		LV	Oil/Condensate Volume			
		OD	Other Miscellaneous Disposition			
		OG	Other Gas Disposition			
		OH	Other Injection Volume			
		OO	Other Oil Condensate Disposition			
		OV	Overage			
			Implementation Note: Use this code value to represent over/under production.			
		OW	Other Water Disposition			
		PW	Pitted Water			
			Implementation Note: Use this code value to represent the water surface pits.			
		RL	Gas Returned to Property for fuel			
		RW	Water Re-injected on Property			
		TG	Total Gas Injection Volume			
		TI	Total Oil and/or Condensate Injection Volume			
		TK	Total Oil and/or Condensate Disposition			
		TM	Total Water Disposition			
		TN	Total Beginning Inventory			
		TO	Total			
		TT	Total Production Volume			
		TU	Total Adjustments Volume			
		TV	Total Gas Disposition			
		TW	Total Water Injection Volume			
		TX	Total Ending Inventory			
		TY	Total Sales Volume			
		UG	Gas Used on Property			
		UO	Oil Condensate Used on Property			
		V3	Transfer Quantity			
		VG	Gas Vented			

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>		<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<u>Code</u>	<u>Name</u>				
		WV	Water Volume				
		X1	Producing Wells				
		Implementation Note: Use this code value to represent the number of producing wells.					
QTY02	380	Quantity		C	R	1/15	Used
		Description:	Numeric value of quantity				
QTY03	C001	Composite Unit of Measure		O	Comp		Used
		Description:	To identify a composite unit of measure(See Figures Appendix for examples of use)				
	355	Unit or Basis for Measurement Code		M	ID	2/2	Must use
		Description:	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		<u>Code</u>	<u>Name</u>				
		HR	Hours				
		MJ	Minutes				
		P1	Percent				
*	1018	Exponent		O	R	1/15	Not used
		Description:	Power to which a unit is raised				
*	649	Multiplier		O	R	1/10	Not used
		Description:	Value to be used as a multiplier to obtain a new value				
*	355	Unit or Basis for Measurement Code		O	ID	2/2	Not used
		Description:	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.					
*	1018	Exponent		O	R	1/15	Not used
		Description:	Power to which a unit is raised				
*	649	Multiplier		O	R	1/10	Not used
		Description:	Value to be used as a multiplier to obtain a new value				
*	355	Unit or Basis for Measurement Code		O	ID	2/2	Not used
		Description:	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				
		All valid standard codes are used.					
*	1018	Exponent		O	R	1/15	Not used
		Description:	Power to which a unit is raised				
*	649	Multiplier		O	R	1/10	Not used
		Description:	Value to be used as a multiplier to obtain a new value				
*	355	Unit or Basis for Measurement Code		O	ID	2/2	Not used
		Description:	Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken				

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		All valid standard codes are used.				
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used
*	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.	O	ID	2/2	Not used
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used
* QTY04	61	Free-Form Message Description: Free-form information	C	AN	1/30	Not used

PID Product/Item Description

Pos: 1500	Max: 200
Detail - Optional	
Loop: QTY	Elements: 9

To describe a product or process in coded or free-form format

Syntax:

1. PID04 C0403 -- If PID04 is present, then PID03 is required
2. PID04 R0405 -- At least one of PID04 or PID05 is required.
3. PID07 C0703 -- If PID07 is present, then PID03 is required
4. PID08 C0804 -- If PID08 is present, then PID04 is required
5. PID09 C0905 -- If PID09 is present, then PID05 is required

Semantics:

1. Use PID03 to indicate the organization that publishes the code list being referred to.
2. PID04 should be used for industry-specific product description codes.
3. PID08 describes the physical characteristics of the product identified in PID04. A "Y" indicates that the specified attribute applies to this item; an "N" indicates it does not apply. Any other value is indeterminate.
4. PID09 is used to identify the language being used in PID05.

Comments:

1. If PID01 equals "F", then PID05 is used. If PID01 equals "S", then PID04 is used. If PID01 equals "X", then both PID04 and PID05 are used.
2. Use PID06 when necessary to refer to the product surface or layer being described in the segment.
3. PID07 specifies the individual code list of the agency specified in PID03.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
PID01	349	Item Description Type Description: Code indicating the format of a description	M	ID	1/1	Must use
		<u>Code</u> <u>Name</u> S Structured (From Industry Code List)				
PID02	750	Product/Process Characteristic Code Description: Code identifying the general class of a product or process characteristic	O	ID	2/3	Used
		<u>Code</u> <u>Name</u> 08 Product				
PID03	559	Agency Qualifier Code Description: Code identifying the agency assigning the code values	C	ID	2/2	Used
		<u>Code</u> <u>Name</u> AP American Petroleum Institute				
PID04	751	Product Description Code Description: A code from an industry code list which provides specific data about a product characteristic	C	AN	1/12	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
* PID05	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used
* PID06	752	Surface/Layer/Position Code Description: Code indicating the product surface, layer or position that is being described All valid standard codes are used.	O	ID	2/2	Not used
* PID07	822	Source Subqualifier Description: A reference that indicates the table or text maintained by the Source Qualifier	O	AN	1/15	Not used
* PID08	1073	Yes/No Condition or Response Code Description: Code indicating a Yes or No condition or response All valid standard codes are used.	O	ID	1/1	Not used
* PID09	819	Language Code Description: Code designating the language used in text, from a standard code list maintained by the International Standards Organization (ISO 639)	O	ID	2/3	Not used

MEA Measurements

Pos: 1600	Max: 40
Detail - Optional	
Loop: QTY	Elements: 10

To specify physical measurements or counts, including dimensions, tolerances, variances, and weights(See Figures Appendix for example of use of C001)

Syntax:

1. MEA03 R03050608 -- At least one of MEA03, MEA05, MEA06 or MEA08 is required.
2. MEA05 C0504 -- If MEA05 is present, then MEA04 is required
3. MEA06 C0604 -- If MEA06 is present, then MEA04 is required
4. MEA07 L07030506 -- If MEA07 is present, then at least one of MEA03, MEA05 or MEA06 is required.
5. MEA08 E0803 -- Only one of MEA08 or MEA03 may be present.

Semantics:

1. MEA04 defines the unit of measure for MEA03, MEA05, and MEA06.

Comments:

1. When citing dimensional tolerances, any measurement requiring a sign (+ or -), or any measurement where a positive (+) value cannot be assumed, use MEA05 as the negative (-) value and MEA06 as the positive (+) value.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
MEA01	737	Measurement Reference ID Code	O	ID	2/2	Used
		Description: Code identifying the broad category to which a measurement applies				
		<u>Code</u>		<u>Name</u>		
		PS		Product Characteristic Specification		
MEA02	738	Measurement Qualifier	O	ID	1/3	Used
		Description: Code identifying a specific product or process characteristic to which a measurement applies				
		<u>Code</u>		<u>Name</u>		
		GR		Gravity		
				Implementation Note: Use this code value to relay API Gravity.		
		PB		Pressure		
				Implementation Note: Use this code value to relay injection pressure.		
		RR		Reduction Ratio		
				Implementation Note: Use this code value to relay the gas/oil ratio.		
		CPF		Casing Pressure - Flowing		
		TPL		Tubing Pressure - Flowing		
MEA03	739	Measurement Value	C	R	1/20	Used

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
		Description: The value of the measurement												
MEA04	C001	Composite Unit of Measure Description: To identify a composite unit of measure(See Figures Appendix for examples of use)	C	Comp		Used								
	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken	M	ID	2/2	Must use								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>64</td> <td>Pounds Per Square Inch Gauge</td> </tr> <tr> <td>BY</td> <td>British Thermal Unit (BTU)</td> </tr> <tr> <td>DD</td> <td>Degree</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	64	Pounds Per Square Inch Gauge	BY	British Thermal Unit (BTU)	DD	Degree				
<u>Code</u>	<u>Name</u>													
64	Pounds Per Square Inch Gauge													
BY	British Thermal Unit (BTU)													
DD	Degree													
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used								
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used								
*	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.	O	ID	2/2	Not used								
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used								
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used								
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*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used								
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used								
*	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.	O	ID	2/2	Not used								
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used								
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used								

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
*	355	Unit or Basis for Measurement Code Description: Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken All valid standard codes are used.	O	ID	2/2	Not used
*	1018	Exponent Description: Power to which a unit is raised	O	R	1/15	Not used
*	649	Multiplier Description: Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used
MEA05	740	Range Minimum Description: The value specifying the minimum of the measurement range Implementation Note: Use this data field to relay the range average.	C	R	1/20	Used
MEA06	741	Range Maximum Description: The value specifying the maximum of the measurement range Implementation Note: Use this data field to relay the maximum.	C	R	1/20	Used
MEA07	935	Measurement Significance Code Description: Code used to benchmark, qualify or further define a measurement value All valid standard codes are used.	O	ID	2/2	Used
MEA08	936	Measurement Attribute Code Description: Code used to express an attribute response when a numeric measurement value cannot be determined All valid standard codes are used.	C	ID	2/2	Used
MEA09	752	Surface/Layer/Position Code Description: Code indicating the product surface, layer or position that is being described All valid standard codes are used.	O	ID	2/2	Used
MEA10	1373	Measurement Method or Device Description: The method or device used to record the measurement All valid standard codes are used.	O	ID	2/4	Used

REF Reference Identification

Pos: 1900	Max: >1
Detail - Optional	
Loop: QTY	Elements: 4

To specify identifying information

Syntax:

- REF02 R0203 -- At least one of REF02 or REF03 is required.

Semantics:

- REF04 contains data relating to the value cited in REF02.

Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification	M	ID	2/3	Must use
		<u>Code</u> <u>Name</u>				
		CR Customer Reference Number Implementation Note: Use this code value to relay the customer number reported on Louisiana R-5P.				
		PE Plant Number				
		TH Transportation Account Code (TAC) Implementation Note: Use this code value to relay the transporter code.				
		YC Tract				
REF02	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used
REF03	352	Description Description: A free-form description to clarify the related data elements and their content	C	AN	1/80	Used
* REF04	C040	Reference Identifier Description: To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used
	128	Reference Identification Qualifier Description: Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
	127	Reference Identification Description: Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used

LM Code Source Information

Pos: 2600	Max: 1
Detail - Optional	
Loop: LM	Elements: 2

To transmit standard code list identification information

Comments:

- LM02 identifies the applicable industry code list source information.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
LM01	559	Agency Qualifier Code	M	ID	2/2	Must use
		Description: Code identifying the agency assigning the code values				
		<u>Code</u>		<u>Name</u>		
		AP		American Petroleum Institute		
LM02	822	Source Subqualifier	O	AN	1/15	Used
		Description: A reference that indicates the table or text maintained by the Source Qualifier				
		Implementation Note: <i>The Source Subqualifier is the Petroleum Industry Data Dictionary (PIDD). Refer to http://www.api.org/faeb/pidd/base.html (see Code Source 261 in the Appendix).</i>				

LQ Industry Code

Pos: 2700	Max: 100
Detail - Optional	
Loop: LM	Elements: 2

Code to transmit standard industry codes

Syntax:

1. LQ01 C0102 -- If LQ01 is present, then LQ02 is required

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>								
LQ01	1270	Code List Qualifier Code	O	ID	1/3	Used								
		Description: Code identifying a specific industry code list												
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>PPD</td> <td>Petroleum Product Disposition</td> </tr> <tr> <td>PWR</td> <td>Petroleum Well Shut-In Reason</td> </tr> <tr> <td>PWS</td> <td>Petroleum Well Classification Status</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PPD	Petroleum Product Disposition	PWR	Petroleum Well Shut-In Reason	PWS	Petroleum Well Classification Status				
<u>Code</u>	<u>Name</u>													
PPD	Petroleum Product Disposition													
PWR	Petroleum Well Shut-In Reason													
PWS	Petroleum Well Classification Status													
LQ02	1271	Industry Code	C	AN	1/30	Used								
		Description: Code indicating a code from a specific industry code list												

SE Transaction Set Trailer

Pos: 0300	Max: 1
Summary - Mandatory	
Loop: N/A	Elements: 2

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

Comments:

- SE is the last segment of each transaction set.

Element Summary:

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
SE01	96	Number of Included Segments Description: Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	Transaction Set Control Number Description: Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set Implementation Note: <i>This should contain the same control number that was relayed in ST02.</i>	M	AN	4/9	Must use