

# 185 Royalty Regulatory Report

## Functional Group=RD

This Draft Standard for Trial Use contains the format and establishes the data contents of the Royalty Regulatory Report Transaction Set (185) for use within the context of an Electronic Data Interchange (EDI) environment. The transaction set can be used to provide royalty regulatory data for extraction of minerals and petroleum products from leased property. The data can be sent to federal and state government agencies to meet regulatory requirements. The data can be exchanged between private industry trading partners for information purposes.

**Notes:**

1/0400 N1 can be used to identify the sender.

**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	BGN	Beginning Segment	M	1			Must use
0300	DTP	Date or Time or Period	O	>1			Used
<b>LOOP ID - N1</b>					<b>≥1</b>		
0400	N1	Name	O	1		N1/0400	Used
* 0500	N2	Additional Name Information	O	2			Not used
0600	N3	Address Information	O	2			Used
0700	N4	Geographic Location	O	1			Used
0800	REF	Reference Identification	O	5			Used
0900	PER	Administrative Communications Contact	O	>1			Used
<b>LOOP ID - LM/LQ</b>					<b>≥1</b>		
1000	LM	Code Source Information	O	1			Used
1100	LQ	Industry Code	M	>1			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>
<b>LOOP ID - LX</b>					<b>≥1</b>		
0100	LX	Assigned Number	M	1			Must use
0200	ASI	Action or Status Indicator	O	1			Used
0300	DTP	Date or Time or Period	O	>1			Used
0400	NTE	Note/Special Instruction	O	>1			Used
0450	N1	Name	O	>1			Used
0500	REF	Reference Identification	O	>1			Used
0600	PCT	Percent Amounts	O	>1			Used
0700	ASM	Amount and Settlement Method	O	>1			Used
<b>LOOP ID - LM</b>					<b>≥1</b>		
0800	LM	Code Source Information	O	1			Used
0900	LQ	Industry Code	O	>1			Used
<b>LOOP ID - PID</b>					<b>≥1</b>		
1000	PID	Product/Item Description	O	1			Used
1100	MEA	Measurements	O	>1			Used
1200	QTY	Quantity	O	>1			Used
1300	AMT	Monetary Amount	O	>1			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>
1400	ASM	Amount and Settlement Method	O	>1			Used
<b>LOOP ID - LQ</b>					<b>≥1</b>		
1500	LQ	Industry Code	O	1			Used
1700	QTY	Quantity	O	>1			Used
1800	AMT	Monetary Amount	O	>1			Used

**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>
0100	LS	Loop Header	O	1			Used
<b>LOOP ID - ASM</b>					<b>≥1</b>		
0200	ASM	Amount and Settlement Method	O	1			Used
0300	REF	Reference Identification	O	1			Used
0400	LE	Loop Trailer	O	1			Used
0500	SE	Transaction Set Trailer	M	1			Must use

# ST Transaction Set Header

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

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	<b>Transaction Set Identifier Code</b> <b>Description:</b> 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>185</td> <td>Royalty Regulatory Report</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	185	Royalty Regulatory Report				
<u>Code</u>	<u>Name</u>									
185	Royalty Regulatory Report									
ST02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Implementation Note:</b> <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	<b>Implementation Convention Reference</b> <b>Description:</b> Reference assigned to identify Implementation Convention	O	AN	1/35	Not used				

# BGN Beginning Segment

Pos: 0200	Max: 1
Heading - Mandatory	
Loop: N/A	Elements: 9

To indicate the beginning of a transaction set

## Syntax:

1. BGN05 C0504 -- If BGN05 is present, then BGN04 is required

## Semantics:

1. BGN02 is the transaction set reference number.
2. BGN03 is the transaction set date.
3. BGN04 is the transaction set time.
4. BGN05 is the transaction set time qualifier.
5. BGN06 is the transaction set reference number of a previously sent transaction affected by the current transaction.

## 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>						
BGN01	353	<b>Transaction Set Purpose Code</b> <b>Description:</b> 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>15</td> <td>Re-Submission</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	00	Original	15	Re-Submission				
<u>Code</u>	<u>Name</u>											
00	Original											
15	Re-Submission											
BGN02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier <b>Implementation Note:</b> <i>The number is assigned by the sender to uniquely identify the transaction set.</i>	M	AN	1/50	Must use						
BGN03	373	<b>Date</b> <b>Description:</b> Date expressed as CCYYMMDD where CC represents the first two digits of the calendar year <b>Implementation Note:</b> <i>Use this data field to relay the date that the transaction set was sent.</i>	M	DT	8/8	Must use						
BGN04	337	<b>Time</b> <b>Description:</b> 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) <b>Implementation Note:</b> <i>Use this data field to relay the time the transaction set was sent.</i>	C	TM	4/8	Recommended						
* BGN05	623	<b>Time Code</b>	O	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>								
		<p><b>Description:</b> 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</p> <p>All valid standard codes are used.</p>												
<b>BGN06</b>	<b>127</b>	<p><b>Reference Identification</b></p> <p><b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier</p>	<b>O</b>	<b>AN</b>	<b>1/50</b>	<b>Used</b>								
<b>BGN07</b>	<b>640</b>	<p><b>Transaction Type Code</b></p> <p><b>Description:</b> Code specifying the type of transaction</p> <table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FR</td> <td>Federal Royalty</td> </tr> <tr> <td>IE</td> <td>Indian Royalty</td> </tr> <tr> <td>ST</td> <td>State Royalty</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FR	Federal Royalty	IE	Indian Royalty	ST	State Royalty	<b>O</b>	<b>ID</b>	<b>2/2</b>	<b>Used</b>
<u>Code</u>	<u>Name</u>													
FR	Federal Royalty													
IE	Indian Royalty													
ST	State Royalty													
* <b>BGN08</b>	<b>306</b>	<p><b>Action Code</b></p> <p><b>Description:</b> Code indicating type of action</p> <p>All valid standard codes are used.</p>	<b>O</b>	<b>ID</b>	<b>1/2</b>	<b>Not used</b>								
* <b>BGN09</b>	<b>786</b>	<p><b>Security Level Code</b></p> <p><b>Description:</b> Code indicating the level of confidentiality assigned by the sender to the information following</p> <p>All valid standard codes are used.</p>	<b>O</b>	<b>ID</b>	<b>2/2</b>	<b>Not used</b>								

# DTP Date or Time or Period

Pos: 0300	Max: >1
Heading - Optional	
Loop: N/A	Elements: 3

To specify any or all of a date, a time, or a time period

## Semantics:

1. DTP02 is the date or time or period format that will appear in DTP03.

## 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>														
DTP01	374	<b>Date/Time Qualifier</b> <b>Description:</b> 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>270</td> <td>Date Filed</td> </tr> <tr> <td>458</td> <td>Certification</td> </tr> <tr> <td colspan="2"><b>Implementation Note:</b> Use this code value to denote the date associated with the authorization signature.</td> </tr> <tr> <td>585</td> <td>Report</td> </tr> <tr> <td colspan="2"><b>Implementation Note:</b> Use this code value to denote the month and year associated with the report.</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	270	Date Filed	458	Certification	<b>Implementation Note:</b> Use this code value to denote the date associated with the authorization signature.		585	Report	<b>Implementation Note:</b> Use this code value to denote the month and year associated with the report.							
<u>Code</u>	<u>Name</u>																			
270	Date Filed																			
458	Certification																			
<b>Implementation Note:</b> Use this code value to denote the date associated with the authorization signature.																				
585	Report																			
<b>Implementation Note:</b> Use this code value to denote the month and year associated with the report.																				
DTP02	1250	<b>Date Time Period Format Qualifier</b> <b>Description:</b> Code indicating the date format, time format, or date and time format	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>D6</td> <td>Date Expressed in Format YYMMDD</td> </tr> <tr> <td>DB</td> <td>Date Expressed in Format MMDDCCYY</td> </tr> <tr> <td>MC</td> <td>MMYYYY</td> </tr> <tr> <td colspan="2"><b>Implementation Note:</b> This code value is pending approval by ASC X12.</td> </tr> <tr> <td>TQ</td> <td>Date Expressed in Format MMYY</td> </tr> <tr> <td>YM</td> <td>Year and Month Expressed in Format YYMM</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	D6	Date Expressed in Format YYMMDD	DB	Date Expressed in Format MMDDCCYY	MC	MMYYYY	<b>Implementation Note:</b> This code value is pending approval by ASC X12.		TQ	Date Expressed in Format MMYY	YM	Year and Month Expressed in Format YYMM				
<u>Code</u>	<u>Name</u>																			
D6	Date Expressed in Format YYMMDD																			
DB	Date Expressed in Format MMDDCCYY																			
MC	MMYYYY																			
<b>Implementation Note:</b> This code value is pending approval by ASC X12.																				
TQ	Date Expressed in Format MMYY																			
YM	Year and Month Expressed in Format YYMM																			
DTP03	1251	<b>Date Time Period</b> <b>Description:</b> Expression of a date, a time, or range of dates, times or dates and times	M	AN	1/35	Must use														
		<b>Implementation Note:</b> Use this data field to relay the month and year the report/transaction set is being submitted, and/or the authorization date.																		

# N1 Name

<b>Pos: 0400</b>	<b>Max: 1</b>
<b>Heading - Optional</b>	
<b>Loop: N1</b>	<b>Elements: 6</b>

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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual				
		<u>Code</u>		<u>Name</u>		
		41		Submitter		
				<b>Implementation Note:</b> Use this code value to relay the reporter, payor and transaction set sender.		
		PR		Payer		
				<b>Implementation Note:</b> Use this code value to relay for return/error data.		
N102	93	<b>Name</b>	C	AN	1/60	Used
		<b>Description:</b> Free-form name				
		<b>Implementation Note:</b> Use this data field to relay the name of the company using free-form text.				
* N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Not used
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)				
		All valid standard codes are used.				
* N104	67	<b>Identification Code</b>	C	AN	2/80	Not used
		<b>Description:</b> Code identifying a party or other code				
* N105	706	<b>Entity Relationship Code</b>	O	ID	2/2	Not used
		<b>Description:</b> Code describing entity relationship				
		All valid standard codes are used.				
* N106	98	<b>Entity Identifier Code</b>	O	ID	2/3	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>
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**Description:** Code identifying an organizational entity, a physical location, property or an individual  
 All valid standard codes are used.

# N3 Address Information

Pos: 0600	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	<b>Address Information</b> <b>Description:</b> Address information <b>Implementation Note:</b> Use this data field to relay company address information.	M	AN	1/55	Must use
N302	166	<b>Address Information</b> <b>Description:</b> Address information <b>Implementation Note:</b> Use this data field to relay additional company address information.	O	AN	1/55	Used

# N4 Geographic Location

Pos: 0700	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	<b>City Name</b> <b>Description:</b> Free-form text for city name <b>Implementation Note:</b> <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	<b>State or Province Code</b> <b>Description:</b> Code (Standard State/Province) as defined by appropriate government agency <b>Implementation Note:</b> <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	<b>Postal Code</b> <b>Description:</b> Code defining international postal zone code excluding punctuation and blanks (zip code for United States) <b>Implementation Note:</b> <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	<b>Country Code</b> <b>Description:</b> Code identifying the country <b>Implementation Note:</b> <i>Refer to <a href="http://www.unece.org/cefact/">http://www.unece.org/cefact/</a> and select the ISO COUNTRY CODES option to find the appropriate code value.</i>	C	ID	2/3	Used
* N405	309	<b>Location Qualifier</b> <b>Description:</b> Code identifying type of location All valid standard codes are used.	C	ID	1/2	Not used
* N406	310	<b>Location Identifier</b> <b>Description:</b> Code which identifies a specific location	O	AN	1/30	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>
* N407	1715	<b>Country Subdivision Code</b> <b>Description:</b> Code identifying the country subdivision	C	ID	1/3	Not used

# REF Reference Identification

Pos: 0800	Max: 5
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:

*Use this REF segment to relay the assigned number of the payor, reporter, or submitter name specified in the preceding N1 segment.*

### Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
REF01	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification	M	ID	2/3	Must use
		<b>Code</b> <b>Name</b>				
		EO                      Submitter Identification Number				
		<b>Implementation Note:</b> <i>Use this data field to relay the State Identification Number of the submitter.</i>				
		Y8                      User ID				
		<b>Implementation Note:</b> <i>Use this code to relay user identification data.</i>				
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Must use
* REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used
* REF04	C040	<b>Reference Identifier</b> <b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used
	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use
	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by	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>
		the Reference Identification Qualifier				
	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used
	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.	C	ID	2/3	Used
	127	<b>Reference Identification</b> <b>Description:</b> 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: 0900	Max: >1
Heading - Optional	
Loop: N1	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	<b>Contact Function Code</b> <b>Description:</b> 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><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AU</td> <td>Report Authorizer</td> </tr> <tr> <td>CN</td> <td>General Contact</td> </tr> <tr> <td>PU</td> <td>Report Preparer</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AU	Report Authorizer	CN	General Contact	PU	Report Preparer				
<u>Code</u>	<u>Name</u>													
AU	Report Authorizer													
CN	General Contact													
PU	Report Preparer													
PER02	93	<b>Name</b> <b>Description:</b> Free-form name <b>Implementation Note:</b> Use this data field to relay the contact point's name using free-form text.	O	AN	1/60	Recommended								
PER03	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>TE</td> <td>Telephone</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	TE	Telephone								
<u>Code</u>	<u>Name</u>													
TE	Telephone													
PER04	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/256	Recommended								
PER05	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>FX</td> <td>Facsimile</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	FX	Facsimile								
<u>Code</u>	<u>Name</u>													
FX	Facsimile													
PER06	364	<b>Communication Number</b> <b>Description:</b> Complete communications number including country or area code when applicable	C	AN	1/256	Used								
PER07	365	<b>Communication Number Qualifier</b> <b>Description:</b> Code identifying the type of communication number	C	ID	2/2	Used								
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EM	Electronic Mail													

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

# LM Code Source Information

Pos: 1000      Max: 1  
 Heading - Optional  
 Loop: LM/LQ Elements: 2

To transmit standard code list identification information

**Comments:**

1. 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
		<b>Description:</b> 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
		<b>Description:</b> A reference that indicates the table or text maintained by the Source Qualifier				
		<b>Implementation Note:</b> <i>The Source Subqualifier is the Petroleum Industry Data Dictionary (PIDD). Refer to <a href="http://www.api.org/faeb/pidd/base.html">http://www.api.org/faeb/pidd/base.html</a> (see Code Source 261 in the Appendix).</i>				

# LQ Industry Code

Pos: 1100      Max: >1  
 Heading - Mandatory  
 Loop: LM/LQ 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	<b>Code List Qualifier Code</b>	O	ID	1/3	Used				
		<b>Description:</b> Code identifying a specific industry code list								
		<table border="1" style="width: 100%; border-collapse: collapse;"> <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	<b>Industry Code</b>	C	AN	1/30	Used				
		<b>Description:</b> Code indicating a code from a specific industry code list								
		<b>Implementation Note:</b> <i>Populate this data field to relay the code used to indicate which royalty report being transmitting. (i.e., PRR001 is MMS-2014 or PRR023 is New Mexico OGR-2).</i>								

# LX Assigned Number

Pos: 0100	Max: 1
Detail - Mandatory	
Loop: LX	Elements: 1

To reference a line number in a 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>
LX01	554	Assigned Number	M	N0	1/6	Must use
<p><b>Description:</b> Number assigned for differentiation within a transaction set</p> <p><b>Implementation Note:</b> <i>A sequential number assigned to each set of detail data for differentiation purposes.</i></p>						

# ASI Action or Status Indicator

Pos: 0200	Max: 1
Detail - Optional	
Loop: LX	Elements: 3

To indicate the action to be taken with the information provided or the status of the entity described

### Implementation Note:

*If the ASI segment is not present, the report is assumed to be an original.*

### 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>												
ASI01	306	<b>Action Code</b> <b>Description:</b> Code indicating type of action	M	ID	1/2	Must use												
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>RS</td> <td>Report Status</td> </tr> <tr> <td colspan="2"><b>Implementation Note:</b> Use of this code value is required by PIDX</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	RS	Report Status	<b>Implementation Note:</b> Use of this code value is required by PIDX											
<u>Code</u>	<u>Name</u>																	
RS	Report Status																	
<b>Implementation Note:</b> Use of this code value is required by PIDX																		
ASI02	875	<b>Maintenance Type Code</b> <b>Description:</b> Code identifying the specific type of item maintenance	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>001</td> <td>Change</td> </tr> <tr> <td>002</td> <td>Delete</td> </tr> <tr> <td>003</td> <td>Add Full Item Detail</td> </tr> <tr> <td>050</td> <td>Original</td> </tr> <tr> <td>057</td> <td>Final</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	001	Change	002	Delete	003	Add Full Item Detail	050	Original	057	Final				
<u>Code</u>	<u>Name</u>																	
001	Change																	
002	Delete																	
003	Add Full Item Detail																	
050	Original																	
057	Final																	
* ASI03	641	<b>Status Reason Code</b> <b>Description:</b> Code indicating the status reason All valid standard codes are used.	O	ID	3/3	Not used												

# DTP Date or Time or Period

Pos: 0300	Max: >1
Detail - Optional	
Loop: LX	Elements: 3

To specify any or all of a date, a time, or a time period

## Semantics:

1. DTP02 is the date or time or period format that will appear in DTP03.

## 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>												
DTP01	374	<b>Date/Time Qualifier</b> <b>Description:</b> 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>193</td> <td>Period Start</td> </tr> <tr> <td>194</td> <td>Period End</td> </tr> <tr> <td>405</td> <td>Production</td> </tr> </tbody> </table> <p><b>Implementation Note:</b> Use this code value to represent the sales month and year.</p>	<u>Code</u>	<u>Name</u>	193	Period Start	194	Period End	405	Production								
<u>Code</u>	<u>Name</u>																	
193	Period Start																	
194	Period End																	
405	Production																	
DTP02	1250	<b>Date Time Period Format Qualifier</b> <b>Description:</b> Code indicating the date format, time format, or date and time format	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>D6</td> <td>Date Expressed in Format YYMMDD</td> </tr> <tr> <td>MC</td> <td>Date Expressed in Format MMYYYY</td> </tr> <tr> <td></td> <td><b>Implementation Note:</b> This code value is pending approval by ASC X12.</td> </tr> <tr> <td>TQ</td> <td>Date Expressed in Format MMYY</td> </tr> <tr> <td>YM</td> <td>Year and Month Expressed in Format YYMM</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	D6	Date Expressed in Format YYMMDD	MC	Date Expressed in Format MMYYYY		<b>Implementation Note:</b> This code value is pending approval by ASC X12.	TQ	Date Expressed in Format MMYY	YM	Year and Month Expressed in Format YYMM				
<u>Code</u>	<u>Name</u>																	
D6	Date Expressed in Format YYMMDD																	
MC	Date Expressed in Format MMYYYY																	
	<b>Implementation Note:</b> This code value is pending approval by ASC X12.																	
TQ	Date Expressed in Format MMYY																	
YM	Year and Month Expressed in Format YYMM																	
DTP03	1251	<b>Date Time Period</b> <b>Description:</b> Expression of a date, a time, or range of dates, times or dates and times	M	AN	1/35	Must use												
		<b>Implementation Note:</b> The production or sales month and year the detail item set is being submitted for or the start and end dates for the lease.																

# NTE Note/Special Instruction

Pos: 0400	Max: >1
Detail - Optional	
Loop: LX	Elements: 2

To transmit information in a free-form format, if necessary, for comment or special instruction

## Comments:

1. The NTE segment permits free-form information/data which, under ANSI X12 standard implementations, is not machine processible. The use of the NTE segment should therefore be avoided, if at all possible, in an automated environment.

## 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>
NTE01	363	<b>Note Reference Code</b>	O	ID	3/3	Used
		<b>Description:</b> Code identifying the functional area or purpose for which the note applies				
		<u>Code</u>		<u>Name</u>		
		ADD		Additional Information		
NTE02	352	<b>Description</b>	M	AN	1/80	Must use
		<b>Description:</b> A free-form description to clarify the related data elements and their content				

# N1 Name

<b>Pos:</b> 0450	<b>Max:</b> >1
<b>Detail - Optional</b>	
<b>Loop:</b> LX	<b>Elements:</b> 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.

### Implementation Note:

*This NI segment is not always used for all regulatory reporting.*

### 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	<b>Entity Identifier Code</b>	M	ID	2/3	Must use																																				
		<b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual																																								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr><td>BY</td><td>Buying Party (Purchaser)</td></tr> <tr><td>CA</td><td>Carrier</td></tr> <tr><td>LS</td><td>Lessee</td></tr> <tr><td>OP</td><td>Operator of property or unit</td></tr> <tr><td>PP</td><td>Property</td></tr> <tr><td>RF</td><td>Refinery</td></tr> <tr><td>SE</td><td>Selling Party</td></tr> <tr><td>WN</td><td>Company Assigned Well</td></tr> <tr><td>ZC</td><td>Rent Payor</td></tr> <tr><td>ZK</td><td>Reporter</td></tr> <tr><td>ZM</td><td>Lease Location</td></tr> <tr><td>ZO</td><td>Minimum Royalty Payor</td></tr> <tr><td>ZT</td><td>Participating Area</td></tr> <tr><td>ZU</td><td>Formation</td></tr> <tr><td>ZV</td><td>Allowable Recipient</td></tr> <tr> <td colspan="2"><b>Implementation Note:</b> Use this code value to represent the allowance recipient.</td> </tr> <tr><td>ZW</td><td>Field</td></tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BY	Buying Party (Purchaser)	CA	Carrier	LS	Lessee	OP	Operator of property or unit	PP	Property	RF	Refinery	SE	Selling Party	WN	Company Assigned Well	ZC	Rent Payor	ZK	Reporter	ZM	Lease Location	ZO	Minimum Royalty Payor	ZT	Participating Area	ZU	Formation	ZV	Allowable Recipient	<b>Implementation Note:</b> Use this code value to represent the allowance recipient.		ZW	Field				
<u>Code</u>	<u>Name</u>																																									
BY	Buying Party (Purchaser)																																									
CA	Carrier																																									
LS	Lessee																																									
OP	Operator of property or unit																																									
PP	Property																																									
RF	Refinery																																									
SE	Selling Party																																									
WN	Company Assigned Well																																									
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ZK	Reporter																																									
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ZO	Minimum Royalty Payor																																									
ZT	Participating Area																																									
ZU	Formation																																									
ZV	Allowable Recipient																																									
<b>Implementation Note:</b> Use this code value to represent the allowance recipient.																																										
ZW	Field																																									
N102	93	<b>Name</b>	C	AN	1/60	Used																																				
		<b>Description:</b> Free-form name																																								
* N103	66	<b>Identification Code Qualifier</b>	C	ID	1/2	Not used																																				
		<b>Description:</b> Code designating the system/method of code structure used for Identification Code (67)																																								

<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.				
* N104	67	<b>Identification Code</b> <b>Description:</b> Code identifying a party or other code	C	AN	2/80	Not used
* N105	706	<b>Entity Relationship Code</b> <b>Description:</b> Code describing entity relationship All valid standard codes are used.	O	ID	2/2	Not used
* N106	98	<b>Entity Identifier Code</b> <b>Description:</b> Code identifying an organizational entity, a physical location, property or an individual All valid standard codes are used.	O	ID	2/3	Not used

# REF Reference Identification

Pos: 0500	Max: >1
Detail - Optional	
Loop: LX	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	<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification				
		<b>Code</b>		<b>Name</b>		
		1I		Account Number		
				<b>Implementation Note:</b> Use this data field to relay the accounting identification number.		
		1J		Facility ID Number		
				<b>Implementation Note:</b> Use this code value to represent the gas plant.		
		2G		Amendment		
				<b>Implementation Note:</b> Use this code value to relay the amendment number.		
		2U		Payer Identification Number		
				<b>Implementation Note:</b> Use this code value to relay paid by information.		
		AH		Agreement Number		
		CN		Carrier's Reference Number (PRO/Invoice)		
				<b>Implementation Note:</b> Use this code value to relay transporter information.		
		CT		Contract Number		
		DX		Department/Agency Number		
				<b>Implementation Note:</b> Use this code value to relay the Railroad Commission district number.		
		GE		Geographic Number		
				<b>Implementation Note:</b> Use this code value to relay the section, township and range.		
		LC		Lease Number		
				<b>Implementation Note:</b> Use this code value to relay the agency or		

<u>Ref</u>	<u>Id</u>	<u>Element Name</u>	<u>Req</u>	<u>Type</u>	<u>Min/Max</u>	<u>Usage</u>
		<b>Code</b>				
		<b>Name</b>				
		<i>state lease number.</i>				
	LU	Location Number				
		<b>Implementation Note:</b> <i>Use this code value to relay the field number.</i>				
	MG	Meter Number				
	OF	Operator Identification Number				
	Q5	Property Control Number				
		<b>Implementation Note:</b> <i>Use this code value to relay the company property number.</i>				
	QQ	Unit Number				
		<b>Implementation Note:</b> <i>Use this code value to relay the unit agreement assigned by an agency.</i>				
	SW	Seller's Sale Number				
		<b>Implementation Note:</b> <i>Use this code value to relay the seller's identification information.</i>				
	UU	Township Number				
	UV	Range Number				
	WB	American Petroleum Institute (API) Well				
	WN	Well Number				
	YC	Tract				
	YD	Buyer Identification				
		<b>Implementation Note:</b> <i>Use this information to relay the purchaser.</i>				
	YE	Railroad Commission Oil Number				
	YF	Lessee Identification				
	YH	Operator Assigned Unit Number				
	YI	Refiner Identification				
		<b>Implementation Note:</b> <i>Use this code value to relay RIK information.</i>				
	YJ	Revenue Source				
	YK	Rent Payor Identification				
	YL	Allowance Recipient Identification				
	YO	Formation				
	YP	Selling Arrangement				
	YQ	Minimum Royalty Payor Identification				
	YR	Operator Lease Number				
	YV	Participating Area				
REF02	127	<b>Reference Identification</b>	C	AN	1/50	Recommended
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
REF03	352	<b>Description</b>	C	AN	1/80	Used
		<b>Description:</b> A free-form description to clarify the related data elements and their content				
* REF04	C040	<b>Reference Identifier</b>	O	Comp		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>
		<b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier				
128		<b>Reference Identification Qualifier</b>	M	ID	2/3	Must use
		<b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.				
127		<b>Reference Identification</b>	M	AN	1/50	Must use
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		<b>Reference Identification Qualifier</b>	C	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.				
127		<b>Reference Identification</b>	C	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		<b>Reference Identification Qualifier</b>	C	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.				
127		<b>Reference Identification</b>	C	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

# PCT Percent Amounts

Pos: 0600	Max: >1
Detail - Optional	
Loop: LX	Elements: 2

To qualify percent amounts and supply percent amounts

## 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>
PCT01	1004	<b>Percent Qualifier</b>	M	ID	1/2	Must use
		<b>Description:</b> Code to qualify percent				
		<b>Code</b>		<b>Name</b>		
		CP		Contract to Lease		
		OF		Offtake		
		PA		Lease Production		
		RP		Royalty		
		TP		Tract		
		WI		Working Interest		
PCT02	954	<b>Percent</b>	M	R	1/10	Must use
		<b>Description:</b> Percentage expressed as a decimal				

# ASM Amount and Settlement Method

Pos: 0700	Max: >1
Detail - Optional	
Loop: LX	Elements: 3

Defines a participant's monetary commitment and settlement method

### Implementation Note:

*In this loop, the ASM segment is used only when there is no other Table 2 detail.*

### 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>														
ASM01	610	<b>Amount</b> <b>Description:</b> Monetary amount	M	N2	1/15	Must use														
ASM02	107	<b>Payment Method Code</b> <b>Description:</b> Code identifying type of payment procedures	O	ID	1/2	Used														
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Pay By Check</td> </tr> <tr> <td>T</td> <td>Wire Transfer</td> </tr> <tr> <td>U</td> <td>Direct Pay to Others</td> </tr> <tr> <td>V</td> <td>Lock Box</td> </tr> <tr> <td>X</td> <td>In Kind Payment</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Pay By Check	T	Wire Transfer	U	Direct Pay to Others	V	Lock Box	X	In Kind Payment						
<u>Code</u>	<u>Name</u>																			
C	Pay By Check																			
T	Wire Transfer																			
U	Direct Pay to Others																			
V	Lock Box																			
X	In Kind Payment																			
ASM03	522	<b>Amount Qualifier Code</b> <b>Description:</b> Code to qualify amount	O	ID	1/3	Used														
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Interest</td> </tr> <tr> <td>P</td> <td>Penalty</td> </tr> <tr> <td>DL</td> <td>Debit</td> </tr> <tr> <td>PD</td> <td>Credit</td> </tr> <tr> <td>RE</td> <td>Royalty Due</td> </tr> <tr> <td>TP</td> <td>Total payment amount</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	I	Interest	P	Penalty	DL	Debit	PD	Credit	RE	Royalty Due	TP	Total payment amount				
<u>Code</u>	<u>Name</u>																			
I	Interest																			
P	Penalty																			
DL	Debit																			
PD	Credit																			
RE	Royalty Due																			
TP	Total payment amount																			

# LM Code Source Information

Pos: 0800	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
		<b>Description:</b> 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
		<b>Description:</b> A reference that indicates the table or text maintained by the Source Qualifier				
		<b>Implementation Note:</b> <i>The Source Subqualifier is the Petroleum Industry Data Dictionary (PIDD). Refer to <a href="http://www.api.org/faeb/pidd/base.html">http://www.api.org/faeb/pidd/base.html</a> (see Code Source 261 in the Appendix).</i>				

# LQ Industry Code

Pos: 0900	Max: >1
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	<b>Code List Qualifier Code</b>	O	ID	1/3	Used																
		<b>Description:</b> 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>PLC</td> <td>Petroleum Land Category</td> </tr> <tr> <td>PLS</td> <td>Petroleum Lease Status</td> </tr> <tr> <td>PPP</td> <td>Petroleum Product Point-of-Sale</td> </tr> <tr> <td>PPS</td> <td>Petroleum Product Selling Arrangement</td> </tr> <tr> <td>PRA</td> <td>Petroleum Royalty Adjustment</td> </tr> <tr> <td>PRC</td> <td>Petroleum Royalty Calculation Method</td> </tr> <tr> <td>PRT</td> <td>Petroleum Royalty Transaction</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PLC	Petroleum Land Category	PLS	Petroleum Lease Status	PPP	Petroleum Product Point-of-Sale	PPS	Petroleum Product Selling Arrangement	PRA	Petroleum Royalty Adjustment	PRC	Petroleum Royalty Calculation Method	PRT	Petroleum Royalty Transaction				
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LQ02	1271	<b>Industry Code</b>	C	AN	1/30	Used																
		<b>Description:</b> Code indicating a code from a specific industry code list																				
		<b>Implementation Note:</b> Refer to the PIDD REGS Master Code List to ascertain the proper code value.																				

# PID Product/Item Description

<b>Pos: 1000</b>	<b>Max: 1</b>
<b>Detail - Optional</b>	
<b>Loop: PID</b>	<b>Elements: 9</b>

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	<b>Item Description Type</b> <b>Description:</b> 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)				
		<b>Implementation Note:</b> Use of this code value is required by PIDX.				
PID02	750	<b>Product/Process Characteristic Code</b> <b>Description:</b> Code identifying the general class of a product or process characteristic	O	ID	2/3	Must use
		<u>Code</u> <u>Name</u> 08                             Product				
		<b>Implementation Note:</b> Use of this code value is required by PIDX.				
PID03	559	<b>Agency Qualifier Code</b> <b>Description:</b> Code identifying the agency assigning the code values	C	ID	2/2	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>				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>AP</td> <td>American Petroleum Institute</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	AP	American Petroleum Institute				
<u>Code</u>	<u>Name</u>									
AP	American Petroleum Institute									
		<b>Implementation Note:</b> Use of this code value is required by PIDX.								
PID04	751	<b>Product Description Code</b> <b>Description:</b> A code from an industry code list which provides specific data about a product characteristic <b>Implementation Note:</b> Refer to Petroleum Industry Data Exchange (PIDX) Common Codes, "Petroleum Feed Stocks and Refined Product Codes".	C	AN	1/12	Must use				
* PID05	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Not used				
* PID06	752	<b>Surface/Layer/Position Code</b> <b>Description:</b> 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	<b>Source Subqualifier</b> <b>Description:</b> A reference that indicates the table or text maintained by the Source Qualifier <b>Implementation Note:</b> The Source Subqualifier is the Petroleum Industry Data Dictionary (PIDD). Refer to <a href="http://www.api.org/faeb/pidd/base.html">http://www.api.org/faeb/pidd/base.html</a> (see Code Source 261 in the Appendix).	O	AN	1/15	Recommended				
* PID08	1073	<b>Yes/No Condition or Response Code</b> <b>Description:</b> Code indicating a Yes or No condition or response All valid standard codes are used.	O	ID	1/1	Not used				
* PID09	819	<b>Language Code</b> <b>Description:</b> 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

<b>Pos: 1100</b>	<b>Max: &gt;1</b>
<b>Detail - Optional</b>	
<b>Loop: PID</b>	<b>Elements: 10</b>

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.

### Implementation Note:

*In this loop, use this MEA segment as a quality measure.*

### 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	<b>Measurement Reference ID Code</b> <b>Description:</b> Code identifying the broad category to which a measurement applies	O	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>PS</td> <td>Product Characteristic Specification</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	PS	Product Characteristic Specification				
<u>Code</u>	<u>Name</u>									
PS	Product Characteristic Specification									
MEA02	738	<b>Measurement Qualifier</b> <b>Description:</b> Code identifying a specific product or process characteristic to which a measurement applies	O	ID	1/3	Used				
		<b>Implementation Note:</b> <i>DO NOT use this data element to relay BTU.</i>								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>SPG</td> <td>Specific Gravity</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	SPG	Specific Gravity				
<u>Code</u>	<u>Name</u>									
SPG	Specific Gravity									
MEA03	739	<b>Measurement Value</b> <b>Description:</b> The value of the measurement	C	R	1/20	Must use				
MEA04	C001	<b>Composite Unit of Measure</b> <b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)	C	Comp		Used				
	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	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>				
		<b>Description:</b> Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken								
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BY</td> <td>British Thermal Unit (BTU)</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BY	British Thermal Unit (BTU)				
<u>Code</u>	<u>Name</u>									
BY	British Thermal Unit (BTU)									
*	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used				
*	649	<b>Multiplier</b> <b>Description:</b> Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used				
*	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> 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	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used				
*	649	<b>Multiplier</b> <b>Description:</b> Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used				
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*	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used				
*	649	<b>Multiplier</b> <b>Description:</b> Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used				
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*	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used				
*	649	<b>Multiplier</b> <b>Description:</b> Value to be used as a multiplier to obtain a new value	O	R	1/10	Not used				
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*	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used				
*	649	<b>Multiplier</b> <b>Description:</b> 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>
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
MEA05	740	<b>Range Minimum</b>	C	R	1/20	Used
		<b>Description:</b> The value specifying the minimum of the measurement range				
MEA06	741	<b>Range Maximum</b>	C	R	1/20	Used
		<b>Description:</b> The value specifying the maximum of the measurement range				
MEA07	935	<b>Measurement Significance Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code used to benchmark, qualify or further define a measurement value All valid standard codes are used.				
MEA08	936	<b>Measurement Attribute Code</b>	C	ID	2/2	Used
		<b>Description:</b> Code used to express an attribute response when a numeric measurement value cannot be determined All valid standard codes are used.				
MEA09	752	<b>Surface/Layer/Position Code</b>	O	ID	2/2	Used
		<b>Description:</b> Code indicating the product surface, layer or position that is being described All valid standard codes are used.				
MEA10	1373	<b>Measurement Method or Device</b>	O	ID	2/4	Used
		<b>Description:</b> The method or device used to record the measurement All valid standard codes are used.				

# QTY Quantity

Pos: 1200	Max: >1
Detail - Optional	
Loop: PID	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.

## Implementation Note:

Use this QTY segment to describe ROYALTY PRODUCTION VOLUMES.

## Element Summary:

Ref	Id	Element Name	Req	Type	Min/Max	Usage
QTY01	673	<b>Quantity Qualifier</b>	M	ID	2/2	Must use
		<b>Description:</b> Code specifying the type of quantity				
		<u>Code</u> <u>Name</u>				
		17                      Quantity on Hand				
		<b>Implementation Note:</b> Use this code value to denote the beginning stock.				
		ES                      Ending Stock				
		GM                      Gas MMBTU Volume				
		<b>Implementation Note:</b> This code value is pending approval by ASC X12.				
		GP                      Gross Production				
		NV                      Net				
		RQ                      Royalty				
QTY02	380	<b>Quantity</b>	C	R	1/15	Used
		<b>Description:</b> Numeric value of quantity				
QTY03	C001	<b>Composite Unit of Measure</b>	O	Comp		Used
		<b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)				
	355	<b>Unit or Basis for Measurement Code</b>	M	ID	2/2	Must use
		<b>Description:</b> 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>				
		AC                      Acre				
		BR                      Barrel				
		BZ                      Million BTU's				
		FM                      Million Cubic Feet				
		GA                      Gallon				
		KH                      Kilowatt Hour				

<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>				
		LG	Long Ton				
		NS	Short Ton				
		PG	Pounds Gross				
		TZ	Thousand Cubic Feet				
*	1018	<b>Exponent</b>		O	R	1/15	Not used
		<b>Description:</b>	Power to which a unit is raised				
*	649	<b>Multiplier</b>		O	R	1/10	Not used
		<b>Description:</b>	Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>		O	ID	2/2	Not used
		<b>Description:</b>	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	<b>Exponent</b>		O	R	1/15	Not used
		<b>Description:</b>	Power to which a unit is raised				
*	649	<b>Multiplier</b>		O	R	1/10	Not used
		<b>Description:</b>	Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>		O	ID	2/2	Not used
		<b>Description:</b>	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	<b>Exponent</b>		O	R	1/15	Not used
		<b>Description:</b>	Power to which a unit is raised				
*	649	<b>Multiplier</b>		O	R	1/10	Not used
		<b>Description:</b>	Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>		O	ID	2/2	Not used
		<b>Description:</b>	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	<b>Exponent</b>		O	R	1/15	Not used
		<b>Description:</b>	Power to which a unit is raised				
*	649	<b>Multiplier</b>		O	R	1/10	Not used
		<b>Description:</b>	Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>		O	ID	2/2	Not used
		<b>Description:</b>	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	<b>Exponent</b>		O	R	1/15	Not used
		<b>Description:</b>	Power to which a unit is raised				
*	649	<b>Multiplier</b>		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>
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
* QTY04	61	<b>Free-Form Message</b>	C	AN	1/30	Not used
		<b>Description:</b> Free-form information				

# AMT Monetary Amount

Pos: 1300	Max: >1
Detail - Optional	
Loop: PID	Elements: 3

To indicate the total monetary amount

**Implementation Note:**  
*Use this AMT segment to describe the value the product sold for and other associated costs.*

## 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>
AMT01	522	<b>Amount Qualifier Code</b>	M	ID	1/3	Must use
		<b>Description:</b> Code to qualify amount				
		<u>Code</u> <u>Name</u>				
		N                              Net				
		<b>Implementation Note:</b> Use this code to relay the value of product/sum for a specific product code.				
		GV                              Gross Value				
		<b>Implementation Note:</b> Use this code value to relay the actual gross sales for a specific product code.				
		LI                              Line Item Unit Price				
		<b>Implementation Note:</b> Use this code value to relay the price/MCF.				
		MK                              Gross to Pay				
		MZ                              Valuation Price				
		<b>Implementation Note:</b> Use this code value to denote per million BTUs.				
		PQ                              Advance Amount				
		RA                              Accelerated Royalty				
		SX                              Severance Tax				
		TU                              Transportation Cost per Unit of Measure				
		TZ                              Transportation Cost Total				
		PRA                              Processing Allowance				
AMT02	782	<b>Monetary Amount</b>	M	R	1/18	Must use
		<b>Description:</b> Monetary amount				
* AMT03	478	<b>Credit/Debit Flag Code</b>	O	ID	1/1	Not used
		<b>Description:</b> Code indicating whether amount is a credit or debit				
		All valid standard codes are used.				

# ASM Amount and Settlement Method

Pos: 1400	Max: >1
Detail - Optional	
Loop: PID	Elements: 3

Defines a participant's monetary commitment and settlement method

### Implementation Note:

*Use this ASM segment to summarize the detail line payment.*

### 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>														
ASM01	610	<b>Amount</b> <b>Description:</b> Monetary amount	M	N2	1/15	Must use														
ASM02	107	<b>Payment Method Code</b> <b>Description:</b> Code identifying type of payment procedures	O	ID	1/2	Used														
		<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Pay By Check</td> </tr> <tr> <td>T</td> <td>Wire Transfer</td> </tr> <tr> <td>U</td> <td>Direct Pay to Others</td> </tr> <tr> <td>V</td> <td>Lock Box</td> </tr> <tr> <td>X</td> <td>In Kind Payment</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Pay By Check	T	Wire Transfer	U	Direct Pay to Others	V	Lock Box	X	In Kind Payment						
<u>Code</u>	<u>Name</u>																			
C	Pay By Check																			
T	Wire Transfer																			
U	Direct Pay to Others																			
V	Lock Box																			
X	In Kind Payment																			
ASM03	522	<b>Amount Qualifier Code</b> <b>Description:</b> Code to qualify amount	O	ID	1/3	Used														
		<table border="0"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Interest</td> </tr> <tr> <td>P</td> <td>Penalty</td> </tr> <tr> <td>DL</td> <td>Debit</td> </tr> <tr> <td>PD</td> <td>Credit</td> </tr> <tr> <td>RE</td> <td>Royalty Due</td> </tr> <tr> <td>TP</td> <td>Total payment amount</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	I	Interest	P	Penalty	DL	Debit	PD	Credit	RE	Royalty Due	TP	Total payment amount				
<u>Code</u>	<u>Name</u>																			
I	Interest																			
P	Penalty																			
DL	Debit																			
PD	Credit																			
RE	Royalty Due																			
TP	Total payment amount																			

# LQ Industry Code

Pos: 1500	Max: 1
Detail - Optional	
Loop: LQ	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	<b>Code List Qualifier Code</b>	O	ID	1/3	Used
		<b>Description:</b> Code identifying a specific industry code list				
		<u>Code</u>		<u>Name</u>		
		PPD		Petroleum Product Disposition		
				<b>Implementation Note:</b> <i>This code value is required when the QTY segment is used.</i>		
		PPV		Petroleum Product Value Adjustment		
				<b>Implementation Note:</b> <i>This code value is required when the AMT segment is used.</i>		
		PWS		Petroleum Well Classification Status		
				<b>Implementation Note:</b> <i>This code value is required when the QTY segment is used.</i>		
LQ02	1271	<b>Industry Code</b>	C	AN	1/30	Used
		<b>Description:</b> Code indicating a code from a specific industry code list				
		<b>Implementation Note:</b> <i>Refer to the PIDD REGS Master Code List to ascertain the proper code value.</i>				

# QTY Quantity

Pos: 1700	Max: >1
Detail - Optional	
Loop: LQ	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	<b>Quantity Qualifier</b> <b>Description:</b> Code specifying the type of quantity	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>01</td> <td>Discrete Quantity</td> </tr> <tr> <td></td> <td><b>Implementation Note:</b> Use this code value to relay the disposition.</td> </tr> <tr> <td>DP</td> <td>Days Produced</td> </tr> <tr> <td>X1</td> <td>Producing Wells</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	01	Discrete Quantity		<b>Implementation Note:</b> Use this code value to relay the disposition.	DP	Days Produced	X1	Producing Wells																
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	<b>Implementation Note:</b> Use this code value to relay the disposition.																											
DP	Days Produced																											
X1	Producing Wells																											
QTY02	380	<b>Quantity</b> <b>Description:</b> Numeric value of quantity	C	R	1/15	Used																						
QTY03	C001	<b>Composite Unit of Measure</b> <b>Description:</b> To identify a composite unit of measure(See Figures Appendix for examples of use)	O	Comp		Used																						
	355	<b>Unit or Basis for Measurement Code</b> <b>Description:</b> 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>BR</td> <td>Barrel</td> </tr> <tr> <td>BZ</td> <td>Million BTU's</td> </tr> <tr> <td>FM</td> <td>Million Cubic Feet</td> </tr> <tr> <td>GA</td> <td>Gallon</td> </tr> <tr> <td>KH</td> <td>Kilowatt Hour</td> </tr> <tr> <td>LG</td> <td>Long Ton</td> </tr> <tr> <td></td> <td><b>Implementation Note:</b> 1000kg</td> </tr> <tr> <td>NS</td> <td>Short Ton</td> </tr> <tr> <td>PG</td> <td>Pounds Gross</td> </tr> <tr> <td>TZ</td> <td>Thousand Cubic Feet</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BR	Barrel	BZ	Million BTU's	FM	Million Cubic Feet	GA	Gallon	KH	Kilowatt Hour	LG	Long Ton		<b>Implementation Note:</b> 1000kg	NS	Short Ton	PG	Pounds Gross	TZ	Thousand Cubic Feet				
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*	1018	<b>Exponent</b> <b>Description:</b> Power to which a unit is raised	O	R	1/15	Not used																						
*	649	<b>Multiplier</b>	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>
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Not used
		<b>Description:</b> 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	<b>Exponent</b>	O	R	1/15	Not used
		<b>Description:</b> Power to which a unit is raised				
*	649	<b>Multiplier</b>	O	R	1/10	Not used
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Not used
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*	1018	<b>Exponent</b>	O	R	1/15	Not used
		<b>Description:</b> Power to which a unit is raised				
*	649	<b>Multiplier</b>	O	R	1/10	Not used
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Not used
		<b>Description:</b> 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	<b>Exponent</b>	O	R	1/15	Not used
		<b>Description:</b> Power to which a unit is raised				
*	649	<b>Multiplier</b>	O	R	1/10	Not used
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
*	355	<b>Unit or Basis for Measurement Code</b>	O	ID	2/2	Not used
		<b>Description:</b> 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	<b>Exponent</b>	O	R	1/15	Not used
		<b>Description:</b> Power to which a unit is raised				
*	649	<b>Multiplier</b>	O	R	1/10	Not used
		<b>Description:</b> Value to be used as a multiplier to obtain a new value				
* QTY04	61	<b>Free-Form Message</b>	C	AN	1/30	Not used
		<b>Description:</b> Free-form information				

# AMT Monetary Amount

Pos: 1800	Max: >1
Detail - Optional	
Loop: LQ	Elements: 3

To indicate the total monetary amount

## 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>				
AMT01	522	<b>Amount Qualifier Code</b> <b>Description:</b> Code to qualify amount	M	ID	1/3	Must use				
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>BM</td> <td>Adjustments</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	BM	Adjustments				
<u>Code</u>	<u>Name</u>									
BM	Adjustments									
AMT02	782	<b>Monetary Amount</b> <b>Description:</b> Monetary amount	M	R	1/18	Must use				
* AMT03	478	<b>Credit/Debit Flag Code</b> <b>Description:</b> Code indicating whether amount is a credit or debit All valid standard codes are used.	O	ID	1/1	Not used				

# LS Loop Header

<b>Pos:</b> 0100	<b>Max:</b> 1
<b>Summary - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 1

To indicate that the next segment begins a loop

## Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the outer loop. When specified by the standard setting body as mandatory, this segment in combination with "LE", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

- See Figures Appendix for an explanation of the use of the LS and LE segments.

## 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>
LS01	447	<b>Loop Identifier Code</b>	M	AN	1/6	Must use
<p><b>Description:</b> The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE</p> <p><b>Implementation Note:</b> <i>Populate this data field with LS Loop Identification Number in the transaction set.</i></p>						

# ASM Amount and Settlement Method

Pos: 0200	Max: 1
Summary - Optional	
Loop: ASM	Elements: 3

Defines a participant's monetary commitment and settlement method

### Implementation Note:

*Use the ASM Loop to sum the report totals.*

### 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>																
ASM01	610	<b>Amount</b> <b>Description:</b> Monetary amount	M	N2	1/15	Must use																
ASM02	107	<b>Payment Method Code</b> <b>Description:</b> Code identifying type of payment procedures	O	ID	1/2	Used																
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>C</td> <td>Pay By Check</td> </tr> <tr> <td>T</td> <td>Wire Transfer</td> </tr> <tr> <td>U</td> <td>Direct Pay to Others</td> </tr> <tr> <td>V</td> <td>Lock Box</td> </tr> <tr> <td>X</td> <td>In Kind Payment</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	C	Pay By Check	T	Wire Transfer	U	Direct Pay to Others	V	Lock Box	X	In Kind Payment								
<u>Code</u>	<u>Name</u>																					
C	Pay By Check																					
T	Wire Transfer																					
U	Direct Pay to Others																					
V	Lock Box																					
X	In Kind Payment																					
ASM03	522	<b>Amount Qualifier Code</b> <b>Description:</b> Code to qualify amount	O	ID	1/3	Used																
		<table border="1"> <thead> <tr> <th><u>Code</u></th> <th><u>Name</u></th> </tr> </thead> <tbody> <tr> <td>I</td> <td>Interest</td> </tr> <tr> <td>P</td> <td>Penalty</td> </tr> <tr> <td>DL</td> <td>Debit</td> </tr> <tr> <td>PD</td> <td>Credit</td> </tr> <tr> <td>QZ</td> <td>Payment Amount</td> </tr> <tr> <td>RE</td> <td>Royalty Due</td> </tr> <tr> <td>TP</td> <td>Total payment amount</td> </tr> </tbody> </table>	<u>Code</u>	<u>Name</u>	I	Interest	P	Penalty	DL	Debit	PD	Credit	QZ	Payment Amount	RE	Royalty Due	TP	Total payment amount				
<u>Code</u>	<u>Name</u>																					
I	Interest																					
P	Penalty																					
DL	Debit																					
PD	Credit																					
QZ	Payment Amount																					
RE	Royalty Due																					
TP	Total payment amount																					

# REF Reference Identification

Pos: 0300	Max: 1
Summary - Optional	
Loop: ASM	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	<b>Reference Identification Qualifier</b> <b>Description:</b> 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>2I</td> <td>Tracking Number <b>Implementation Note:</b> Use this code value to relay the MMS 2014 3A Number.</td> </tr> <tr> <td>2U</td> <td>Payer Identification Number <b>Implementation Note:</b> Use this data field to relay the name of the entity making payment; paid by.</td> </tr> <tr> <td>CM</td> <td>Buyer's Credit Memo</td> </tr> <tr> <td>DL</td> <td>Seller's Debit Memo</td> </tr> </tbody> </table>	Code	Name	2I	Tracking Number <b>Implementation Note:</b> Use this code value to relay the MMS 2014 3A Number.	2U	Payer Identification Number <b>Implementation Note:</b> Use this data field to relay the name of the entity making payment; paid by.	CM	Buyer's Credit Memo	DL	Seller's Debit Memo				
Code	Name															
2I	Tracking Number <b>Implementation Note:</b> Use this code value to relay the MMS 2014 3A Number.															
2U	Payer Identification Number <b>Implementation Note:</b> Use this data field to relay the name of the entity making payment; paid by.															
CM	Buyer's Credit Memo															
DL	Seller's Debit Memo															
REF02	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	C	AN	1/50	Used										
REF03	352	<b>Description</b> <b>Description:</b> A free-form description to clarify the related data elements and their content	C	AN	1/80	Used										
* REF04	C040	<b>Reference Identifier</b> <b>Description:</b> To identify one or more reference numbers or identification numbers as specified by the Reference Qualifier	O	Comp		Not used										
	128	<b>Reference Identification Qualifier</b> <b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.	M	ID	2/3	Must use										
	127	<b>Reference Identification</b> <b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier	M	AN	1/50	Must use										
	128	<b>Reference Identification Qualifier</b>	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>
		<b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.				
127		<b>Reference Identification</b>	C	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				
128		<b>Reference Identification Qualifier</b>	C	ID	2/3	Used
		<b>Description:</b> Code qualifying the Reference Identification All valid standard codes are used.				
127		<b>Reference Identification</b>	C	AN	1/50	Used
		<b>Description:</b> Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier				

# LE Loop Trailer

<b>Pos:</b> 0400	<b>Max:</b> 1
<b>Summary - Optional</b>	
<b>Loop:</b> N/A	<b>Elements:</b> 1

To indicate that the loop immediately preceding this segment is complete

## Semantics:

- One loop may be nested contained within another loop, provided the inner nested loop terminates before the other loop. When specified by the standards setting body as mandatory, this segment in combination with "LS", must be used. It is not to be used if not specifically set forth for use. The loop identifier in the loop header and trailer must be identical. The value for the identifier is the loop ID of the required loop beginning segment. The loop ID number is given on the transaction set diagram in the appropriate ASC X12 version/release.

## Comments:

- See Figures Appendix for an explanation of the use of the LE and LS segments.

## 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>
LE01	447	<b>Loop Identifier Code</b>	M	AN	1/6	Must use
<p><b>Description:</b> The loop ID number given on the transaction set diagram is the value for this data element in segments LS and LE</p> <p><b>Implementation Note:</b> <i>Populate this data field with LS Loop Identification Number in the transaction set.</i></p>						

# SE Transaction Set Trailer

Pos: 0500	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	<b>Number of Included Segments</b> <b>Description:</b> Total number of segments included in a transaction set including ST and SE segments	M	N0	1/10	Must use
SE02	329	<b>Transaction Set Control Number</b> <b>Description:</b> Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set <b>Implementation Note:</b> <i>This should contain the same control number that relayed in ST02.</i>	M	AN	4/9	Must use