867 Product Transfer and Resale Report

<div align="right">Functional Group ID=**PT**</div>

Introduction:

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:

For Use in Reporting Historical Electric Power usage for a given time period.

Heading:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
Must Use	010	ST	Transaction Set Header	M	1		
Must Use	020	BPT	Beginning Segment for Product Transfer and Resale	M	1		
			LOOP ID - N1			2	
Used	080	N1	Name	O	1		

Detail:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - PTD			>1	
Must Use	010	PTD	Product Transfer and Resale Detail	M	1		
			LOOP ID - N1			5	
Used	050	N1	Name - Consumer	O	1		
Used	090	REF	Reference Identification	O	20		
			LOOP ID - QTY			>1	
Used	110	QTY	Quantity	O	1		
Must Use	160	MEA	Measurements	O	40		
Used	210	DTM	Date/Time Reference	O	10		

Summary:

	Pos. No.	Seg. ID	Name	Req. Des.	Max.Use	Loop Repeat	Notes and Comments
			LOOP ID - CTT			1	
Used	010	CTT	Transaction Totals	O	1		n1
Must Use	030	SE	Transaction Set Trailer	M	1		

Transaction Set Notes

1.   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.

New Hampshire Retail Open Access

	Segment:	**ST** Transaction Set Header
	Position:	010
	Loop:	
	Level:	Heading:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the start of a transaction set and to assign a control number
	Syntax Notes:	
	Semantic Notes:	1 The transaction set identifier (ST01) used by the translation routines of the interchange partners to select the appropriate transaction set definition (e.g., 810 selects the Invoice Transaction Set).
	Comments:	

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M/U	ST01	143	**Transaction Set Identifier Code**	M ID 3/3
			Code uniquely identifying a Transaction Set	
			Refer to 004010 Data Element Dictionary for acceptable code values.	
M/U	ST02	329	**Transaction Set Control Number**	M AN 4/9
			Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	

New Hampshire Retail Open Access

	Segment:	**BPT** Beginning Segment for Product Transfer and Resale

Position: 020
Loop:
Level: Heading:
Usage: Mandatory
Max Use: 1
Purpose: To indicate the beginning of the Product Transfer and Resale Report Transaction Set and transmit identifying data
Syntax Notes: 1 If either BPT05 or BPT06 is present, then the other is required.
Semantic Notes: 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.
Comments:

Data Element Summary

M/U	Ref. Des.	Data Element	Name		Attributes
M/U	BPT01	353	**Transaction Set Purpose Code**		M ID 2/2
			Code identifying purpose of transaction set		
			00	Original	
M/U	BPT03	373	**Date**		M DT 8/8
			Date expressed as CCYYMMDD		
			Date Of Transmission		

Segment:	**N1** Name	
Position:	080	
Loop:	N1	Optional
Level:	Heading:	
Usage:	Optional	
Max Use:	1	
Purpose:	To identify a party by type of organization, name, and code	
Syntax Notes:	1	At least one of N102 or N103 is required.
	2	If either N103 or N104 is present, then the other is required.
Semantic Notes:		
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.

Data Element Summary

M/U	Ref. Des.	Data Element	Name		Attributes
M/U	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			8S	Consumer Service Provider (CSP)	
			SJ	Service Provider	
				Identifies name and address information as pertaining to a service provider for which billing is being rendered	
Used	**N102**	**93**	**Name**	**X**	**AN 1/60**
			Free-form name		
			Company Name		
Used	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			1	D-U-N-S Number, Dun & Bradstreet	
Used	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			Company Identifier		

New Hampshire Retail Open Access

Segment:	**PTD** Product Transfer and Resale Detail	
Position:	010	
Loop:	PTD Mandatory	
Level:	Detail:	
Usage:	Mandatory	
Max Use:	1	
Purpose:	To indicate the start of detail information relating to the transfer/resale of a product and provide identifying data	
Syntax Notes:	1 If either PTD02 or PTD03 is present, then the other is required.	
	2 If either PTD04 or PTD05 is present, then the other is required.	
Semantic Notes:		
Comments:		

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes
M/U	PTD01	521	**Product Transfer Type Code**	M ID 2/2
			Code identifying the type of product transfer	
			PM Physical Meter Information	

New Hampshire Retail Open Access

	Segment:	**N1** Name - Consumer
	Position:	050
	Loop:	N1 Optional
	Level:	Detail:
	Usage:	Optional
	Max Use:	1
	Purpose:	To identify a party by type of organization, name, and code
	Syntax Notes:	1 At least one of N102 or N103 is required.
		2 If either N103 or N104 is present, then the other is required.
	Semantic Notes:	
	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.

Data Element Summary

M/U	Ref. Des.	Data Element	Name		Attributes
M/U	**N101**	**98**	**Entity Identifier Code**	**M**	**ID 2/3**
			Code identifying an organizational entity, a physical location, property or an individual		
			8R Consumer Service Provider (CSP) Customer		
Used	**N103**	**66**	**Identification Code Qualifier**	**X**	**ID 1/2**
			Code designating the system/method of code structure used for Identification Code (67)		
			97 Receiver's Code		
			Derived from the entries in the Military Assistance Program Address Directory (MAPAD) or the Department of Defense Active Address Code (DoDAAC). Represents the location of the ultimate consignee		
Used	**N104**	**67**	**Identification Code**	**X**	**AN 2/80**
			Code identifying a party or other code		
			Customer Account Number		

	Segment:	**REF** Reference Identification
	Position:	090
	Loop:	N1 Optional
	Level:	Detail:
	Usage:	Optional
	Max Use:	20
	Purpose:	To specify identifying information
	Syntax Notes:	1 At least one of REF02 or REF03 is required.
		2 If either C04003 or C04004 is present, then the other is required.
		3 If either C04005 or C04006 is present, then the other is required.
	Semantic Notes:	1 REF04 contains data relating to the value cited in REF02.
	Comments:	
	Notes:	Type of Service

Data Element Summary

	Ref. Des.	Data Element	Name	Attributes	
M/U	REF01	128	**Reference Identification Qualifier**	M	ID 2/3
			Code qualifying the Reference Identification		
			PRT Product Type		
Used	REF02	127	**Reference Identification**	X	AN 1/30
			Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier		

New Hampshire Retail Open Access

	Segment:	**QTY** Quantity
	Position:	110
	Loop:	QTY Optional
	Level:	Detail:
	Usage:	Optional
	Max Use:	1
	Purpose:	To specify quantity information
	Syntax Notes:	1 At least one of QTY02 or QTY04 is required.
		2 Only one of QTY02 or QTY04 may be present.
	Semantic Notes:	1 QTY04 is used when the quantity is non-numeric.
	Comments:	

Data Element Summary

M/U	Ref. Des.	Data Element	Name	Attributes
M/U	QTY01	673	**Quantity Qualifier**	M ID 2/2
			Code specifying the type of quantity	
			AT Actual	
			KA Estimated	
			The quantity shown is an estimated quantity	
Used	QTY02	380	**Quantity**	X R 1/15
			Numeric value of quantity	
			Measured Meter Usage	

New Hampshire Retail Open Access

	Segment:	**MEA** Measurements
	Position:	160
	Loop:	QTY Optional
	Level:	Detail:
	Usage:	Optional (Must Use)
	Max Use:	40
	Purpose:	To specify physical measurements or counts, including dimensions, tolerances, variances, and weights (See Figures Appendix for example of use of C001)

Syntax Notes:	**1**	At least one of MEA03 MEA05 MEA06 or MEA08 is required.
	2	If MEA05 is present, then MEA04 is required.
	3	If MEA06 is present, then MEA04 is required.
	4	If MEA07 is present, then at least one of MEA03 MEA05 or MEA06 is required.
	5	Only one of MEA08 or MEA03 may be present.
Semantic Notes:	**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.

Data Element Summary

	Ref. Des.	**Data Element**	**Name**	**Attributes**	
Used	**MEA04**	**C001**	**Composite Unit of Measure**	**X**	
			To identify a composite unit of measure (See Figures Appendix for examples of use)		
M/U	**C00101**	**355**	**Unit or Basis for Measurement Code**	**M**	**ID 2/2**
			Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken		
			K1	Kilowatt Demand	
				Represents potential power load measured at predetermined intervals	
			K2	Kilovolt Amperes Reactive Demand	
				Reactive power that must be supplied for specific types of customer's equipment; billable when kilowatt demand usage meets or exceeds a defined parameter	
			KH	Kilowatt Hour	
Used	**MEA05**	**740**	**Range Minimum**	**X**	**R 1/20**
			The value specifying the minimum of the measurement range		
Used	**MEA06**	**741**	**Range Maximum**	**X**	**R 1/20**
			The value specifying the maximum of the measurement range		
Used	**MEA07**	**935**	**Measurement Significance Code**	**O**	**ID 2/2**
			Code used to benchmark, qualify or further define a measurement value		
			41	Off Peak	
			42	On Peak	
			51	Total	
			66	Sales	
				Shoulder	

New Hampshire Retail Open Access

	Segment:	**DTM** Date/Time Reference
	Position:	210
	Loop:	QTY Optional
	Level:	Detail:
	Usage:	Optional
	Max Use:	10
	Purpose:	To specify pertinent dates and times

Syntax Notes:
1   At least one of DTM02 DTM03 or DTM05 is required.
2   If DTM04 is present, then DTM03 is required.
3   If either DTM05 or DTM06 is present, then the other is required.

Semantic Notes:
Comments:

<div align="center">

Data Element Summary

</div>

M/U	Ref. Des.	Data Element	Name	Attributes
M/U	**DTM01**	**374**	**Date/Time Qualifier**	**M ID 3/3**
			Code specifying type of date or time, or both date and time	
		472	Service	
			Begin and end dates of the service being rendered	
Used	**DTM05**	**1250**	**Date Time Period Format Qualifier**	**X ID 2/3**
			Code indicating the date format, time format, or date and time format	
		RDT	Range of Date and Time, Expressed in Format CCYYMMDDHHMM-CCYYMMDDHHMM	
			A range of dates and times expressed in the format CCYYMMDDHHMM-CCYYMMDDHHMM where CCYY is the numerical expression of the century CC and year YY, MM is the numerical expression of the month within the year, DD is the numerical expression of the day within the month, HH is the numerical expression of hours in the day based on a twenty-four hour clock, and MM is the numerical expression of minutes within an hour; the first occurrence of CCYYMMDDHHMM is the starting time and the second is the ending time	
Used	**DTM06**	**1251**	**Date Time Period**	**X AN 1/35**
			Expression of a date, a time, or range of dates, times or dates and times	

New Hampshire Retail Open Access

	Segment:	**CTT** Transaction Totals
	Position:	010
	Loop:	CTT Optional
	Level:	Summary:
	Usage:	Optional
	Max Use:	1
	Purpose:	To transmit a hash total for a specific element in the transaction set
	Syntax Notes:	**1** If either CTT03 or CTT04 is present, then the other is required.
		2 If either CTT05 or CTT06 is present, then the other is required.
	Semantic Notes:	
	Comments:	**1** This segment is intended to provide hash totals to validate transaction completeness and correctness.

Data Element Summary

M/U	Ref. Des.	Data Element	Name	Attributes
M/U	CTT01	354	**Number of Line Items** Total number of line items in the transaction set	M N0 1/6
Used	CTT02	347	**Hash Total** Sum of values of the specified data element. All values in the data element will be summed without regard to decimal points (explicit or implicit) or signs. Truncation will occur on the left most digits if the sum is greater than the maximum size of the hash total of the data element. Example: -.0018 First occurrence of value being hashed. .18 Second occurrence of value being hashed. 1.8 Third occurrence of value being hashed. 18.01 Fourth occurrence of value being hashed. --------- 1855 Hash total prior to truncation. 855 Hash total after truncation to three-digit field.	O R 1/10
Used	CTT03	81	**Weight** Numeric value of weight	X R 1/10
Used	CTT04	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Used	CTT05	183	**Volume** Value of volumetric measure	X R 1/8
Used	CTT06	355	**Unit or Basis for Measurement Code** Code specifying the units in which a value is being expressed, or manner in which a measurement has been taken Refer to 004010 Data Element Dictionary for acceptable code values.	X ID 2/2
Used	CTT07	352	**Description** A free-form description to clarify the related data elements and their content	O AN 1/80

New Hampshire Retail Open Access

	Segment:	**SE** Transaction Set Trailer
	Position:	030
	Loop:	
	Level:	Summary:
	Usage:	Mandatory
	Max Use:	1
	Purpose:	To indicate the end of the transaction set and provide the count of the transmitted segments (including the beginning (ST) and ending (SE) segments)
	Syntax Notes:	
	Semantic Notes:	
	Comments:	1 SE is the last segment of each transaction set.

Data Element Summary

M/U	Ref. Des.	Data Element	Name	Attributes
M/U	SE01	96	**Number of Included Segments** Total number of segments included in a transaction set including ST and SE segments	M N0 1/10
M/U	SE02	329	**Transaction Set Control Number** Identifying control number that must be unique within the transaction set functional group assigned by the originator for a transaction set	M AN 4/9