Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 060

**Loop:** LIN Optional (Must Use)

Level: Detail
Usage: Optional
Max Use: >1

**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: Comments: 1 REF04 contains data relating to the value cited in REF02.

Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment must be sent is required when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

	Ref.	Data	<b>N</b> T			•1 4
	Des.	<u>Element</u>	<u>Name</u>		Atti	<u>ributes</u>
Must Use	REF01	128	Reference Identifi	ication Qualifier	M	ID $2/3$
			Code qualifying the	e Reference Identification		
			45	Old Account Number		
				REF02 is the Utility's previous account	numb	er for the
				customer.		
Must Use	REF02	127	Reference Identifi	ication	X	AN 1/30
			Reference information	tion as defined for a particular Transaction	Set o	or as

Reference information as defined for a particular Transaction Set or as specified by the Reference Identification Qualifier

Previous Utility Account Number for the Customer.

This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to the customer.

248:

**Segment: REF** Reference Identification (Previous Utility Customer Account

Number)

**Position:** 060

**Loop:** HL Mandatory

Level: Detail

**Usage:** Optional (Dependent)

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
 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:** Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment is required in Utility initiated transactions when the utility assigned account number for the customer has changed in the last 90 days; otherwise, not used.

REF~45~9194132485705971

# **Data Element Summary**

Mand.	Ref. <u>Des.</u> REF01	Data Element 128	<u>Name</u> Reference Identif	ication Qualifier		ributes ID 2/3
			45	Old Account Number		
				REF02 is the Utility's previous acco	ount n	umber for
				the customer.		
Must Use	REF02	127	Reference Identif	ication	X	AN 1/30

Previous utility assigned customer account number. Current utility

assigned account number must be sent in REF~12.

# Case No. 12-M-0476 et. al. EDI Business/Technical Working Groups

# Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

### 810 URR:

Segment: REF Reference Identification (Previous Utility Customer Account

Number)

**Position:** 050

Loop:

Level: Heading

**Usage:** Optional (Dependent)

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
 If either C04005 or C04006 is present, then the other is required.

**Semantic Notes:** Comments:

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

Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment is Required required when the utility assigned account number for the customer has changed in the last 90 days. Otherwise, not used.

REF~45~9194132485705971

### **Data Element Summary**

Mand.	Ref. <u>Des.</u> REF01	Data Element 128	Name Reference Identifi	ication Qualifier		ributes ID 2/3
			45	Old Account Number		
				REF02 is the Utility's previous acc	count n	umber for
				the customer.		
Must	REF02	127	Reference Identifi	ication	$\mathbf{X}$	AN 1/30
Use					~	
				gianad customar account number	Jurrant	ntility

Previous utility assigned customer account number. Current utility assigned account number must be sent in REF~12.

## Case No. 12-M-0476 et. al.

# **EDI Business/Technical Working Groups**

# Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

814C:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 030

**Loop:** LIN Optional (Must Use)

Level: Detail

**Usage:** Optional (Dependent)

Max Use: 1

**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.

Notes: Utility Request: Conditional

ESCO Response: Not Used

ESCO Request: Not Used Utility Response: Not Applicable

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment must be sent by the Utility when the utility assigned account number for the

customer is changed.

REF~45~9194132485705971

### **Data Element Summary**

	Ref.	Data		
	Des.	<b>Element</b>	<u>Name</u>	<u>Attributes</u>
Mand.	REF01	128	Reference Identification Qualifier	$\mathbf{M}\mathbf{ID}\ 2/3$
			45 Old Account Number	
			Identifies accounts being cha	nged
			REF02 is the Utility's previous	us account number for
			the customer.	
Must Use	REF02	127	Reference Identification	X AN 1/30
OSC				

Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be present in REF\*12.

# Case No. 12-M-0476 et. al.

# EDI Business/Technical Working Groups

# Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

814D:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 030

**Loop:** LIN Optional (Must Use)

Level: Detail

**Usage:** Optional (Dependent)

Max Use: 1

**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.

Notes: Request: Conditional Response: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment is required on Utility initiated Drop Requests and Utility Responses when the

customer's account number has changed within the last 90 days.

Response: Required on Utility responses when the customer's account number

has changed within the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

	Ref.	Data			
	Des.	<b>Element</b>	<u>Name</u>	Att	<u>ributes</u>
Mand.	REF01	128	Reference Identification Qualifier	$\mathbf{M}$	ID 2/3
			45 Old Account Number		
			Identifies accounts being change	d	
			REF02 is the Utility's previous a	ccount n	number for
			the customer.		
Must Use	REF02	127	Reference Identification	X	AN 1/30
			Prior utility assigned account number for the custom	_	

Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the customer must be present in REF\*12.

#### 814E:

**Position:** 030

**Loop:** LIN Optional (Must Use)

Level: Detail

**Usage:** Optional (Dependent)

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
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.

Notes: Request: Not Used Accept Responses: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment is required in Accept Response transactions when the utility assigned account

number for the customer has changed in the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Att	<u>ributes</u>
Mand.	REF01	128	<b>Reference Identif</b>	ication Qualifier	$\mathbf{M}$	ID 2/3
			45	Old Account Number		
				REF02 is the Utility's previous acco	unt n	umber for
				the customer.		
Must	REF02	127	Reference Identif	ication	X	AN 1/30

Use

Previous Utility account number for the customer.

This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to the customer.

### Case No. 12-M-0476 et. al.

# **EDI Business/Technical Working Groups**

## Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

### 814HU:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 030

**Loop:** LIN Optional (Must Use)

Level: Detail

Usage: Optional (Dependent)

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

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: Comments: 1 REF04 contains data relating to the value cited in REF02.

Notes: Request: Not Used

Accept Response: Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), this segment is Required required when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

	Kei.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Attı	<u>ributes</u>
Mand.	REF01	128	Reference Identifica	tion Qualifier	$\mathbf{M}$	ID 2/3
			45 Ol	ld Account Number		
			RI	EF02 is the Utility's previous accor	unt n	umber for
			the	e customer.		
Must	REF02	127	Reference Identifica	tion	X	AN 1/30
Use						

Previous Utility account number for the customer.

This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to the customer.

# Case No. 12-M-0476 et. al. EDI Business/Technical Working Groups

## Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

### 814R

Segment: **REF** Reference Identification (Previous Utility Account Number)

**Position:** 030

**Loop:** LIN Optional (Must Use)

Level: Detail

**Usage:** Optional (Dependent)

Max Use: 1

**Notes:** 

**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.

If either C04005 or C04006 is present, then the other is required.
 REF04 contains data relating to the value cited in REF02.

**Semantic Notes:** Comments:

Request: Conditional

Response: Not Used

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment is required when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

	Ref.	Data				
	Des.	<b>Element</b>	<u>Name</u>		Att	<u>ributes</u>
Mand.	REF01	128	Reference Identif	fication Qualifier	$\mathbf{M}$	ID 2/3
			45	Old Account Number		
				REF02 is the Utility's previous acco	ount n	umber for
				the customer.		
Must	REF02	127	Reference Identif	fication	X	AN 1/30
Use						

Prior utility assigned account number for the customer designated in this transaction. Current utility assigned account number for the

customer must be present in REF\*12.

# Case No. 12-M-0476 et. al. EDI Business/Technical Working Groups

# Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

820:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 170

**Loop:** RMR Optional (Must Use)

Level: Detail

Usage: Optional (Dependent)

Max Use: 1

**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.

**Notes:** Conditional

This segment is Not Used when RMR01=14 (Master Account).

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide). This this segment is required when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~1105687500

#### **Data Element Summary**

	Ref. Des.	Data Element	Name		Attributes
Mand.	REF01	128	Reference Identific	cation Qualifier	M ID 2/3
			45	Old Account Number	
				REF02 is the Utility's previous account	number for the
				customer.	
				The utility account number must be sur intervening spaces or non-alphanumeric	
				(Characters added to aid in visual prese	
				for example, should be removed).	
Must Use	REF02	127	Reference Identific	cation	X AN 1/30
			· ·	gned customer account number. Current the customer must be sent in RMR02 where the customer must be sent in RMR02.	•

#### 824AA-NN:

Segment: **REF** Reference Identification (Previous Utility Account Number)

**Position:** 070

Loop: N1 Optional (Dependent)

Level: Heading

**Usage:** Optional (Dependent)

Max Use: 1

**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.

**Notes:** Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days. It is not used when rejecting an 810 ESCO Summary Invoice (Single Retailer Model) or an entire 568 or 820 transaction.

REF~45~011231287655403

### **Data Element Summary**

	Ref. Des.	Data Element	Name		Att	ributes
Mand.	REF01	128	Reference Identif	ication Qualifier	M	ID 2/3
			45	Old Account Number		
				REF02 contains the utility's previou	s acc	ount
				number for the customer.		
Must	REF02	127	Reference Identif	ication	X	AN 1/30
Use						

Previous utility account number.

Numbers must be supplied without intervening spaces or nonalphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)

#### 824AA-PN:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 070

**Loop:** N1 Optional (Must Use)

Level: Heading

**Usage:** Optional (Dependent)

Max Use: 1

**Purpose:** To specify identifying information

**Syntax Notes:** 1 At least one of REF02 or REF03 is required.

If either C04003 or C04004 is present, then the other is required.
 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:** Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment must be sent on Utility initiated transactions when the utility account number for the customer has changed in the last 90 days.

REF~45~011231287655403

#### **Data Element Summary**

Mand.	Des. REF01	Element 128	<u>Name</u> Reference Identif	ïcation Qualifier	Att	ributes ID 2/3
			45	Old Account Number		
				REF02 contains the utility's previou	s acc	ount
				number for the customer.		
Must	REF02	127	Reference Identif	<b>ï</b> cation	X	AN 1/30
Use						

Previous utility account number

Numbers must be supplied without intervening spaces or nonalphanumeric characters. (Characters added to aid in visible presentation on a bill, for example, should be removed)

# Case No. 12-M-0476 et. al. EDI Business/Technical Working Groups

# Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

### 867HU:

Segment: REF Reference Identification (Previous Utility Account Number)

Position: 120

**Loop:** N1 Optional (Must Use)

Level: Heading Usage: Optional

Max Use: 1

**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: Comments:

D.C

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

**Notes:** Conditional

D-4-

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), this segment is

Required required when the utility assigned account number for the customer has

changed in the last 90 days. REF~45~9194132485705971

### **Data Element Summary**

Mand.	Des. REF01	Element 128	<u>Name</u> Reference Identif	ication Qualifier		ributes ID 2/3
			45	Old Account Number REF02 contains the Utility's previous	ıs acc	count
Must Use	REF02	127	Reference Identif	number for the customer.  ication	X	AN 1/30

Previous Utility account number for the customer

This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to a

customer.

# Case No. 12-M-0476 et. al. EDI Business/Technical Working Groups

## Workpaper -503 IG - REF\*45 Segment Changes - 4/29/2016

### 867MU:

Segment: REF Reference Identification (Previous Utility Account Number)

**Position:** 120

**Loop:** N1 Optional (Must Use)

Level: Heading

**Usage:** Optional (Dependent)

Max Use: 1

**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.
1 REF04 contains data relating to the value cited in REF02.

**Semantic Notes:** Comments:

Notes: Conditional

Where a utility changes an existing customer's account number as a business process (and as noted in its Utility Maintained EDI Guide), This this segment must be sent when the utility assigned account number for the customer has changed in the last 90 days.

REF~45~9194132485705971

### **Data Element Summary**

Mand.	Ref. <u>Des.</u> REF01	Data Element 128	Name Reference Identification Qualifier			ributes ID 2/3	
			45	Old Account Number			
				REF02 is the Utility's previous acc	tility's previous account number for		
				the customer.			
Must	REF02	127	Reference Identif	ication	X	AN 1/30	

Use

Previous Utility Account Number for the Customer.

This segment would be sent, for example, when a change in meter reading routes results in a change in the account number assigned to the customer.