

Market Test Changes – Maintain Customer Information Request/Response

DOCUMENT HISTORY

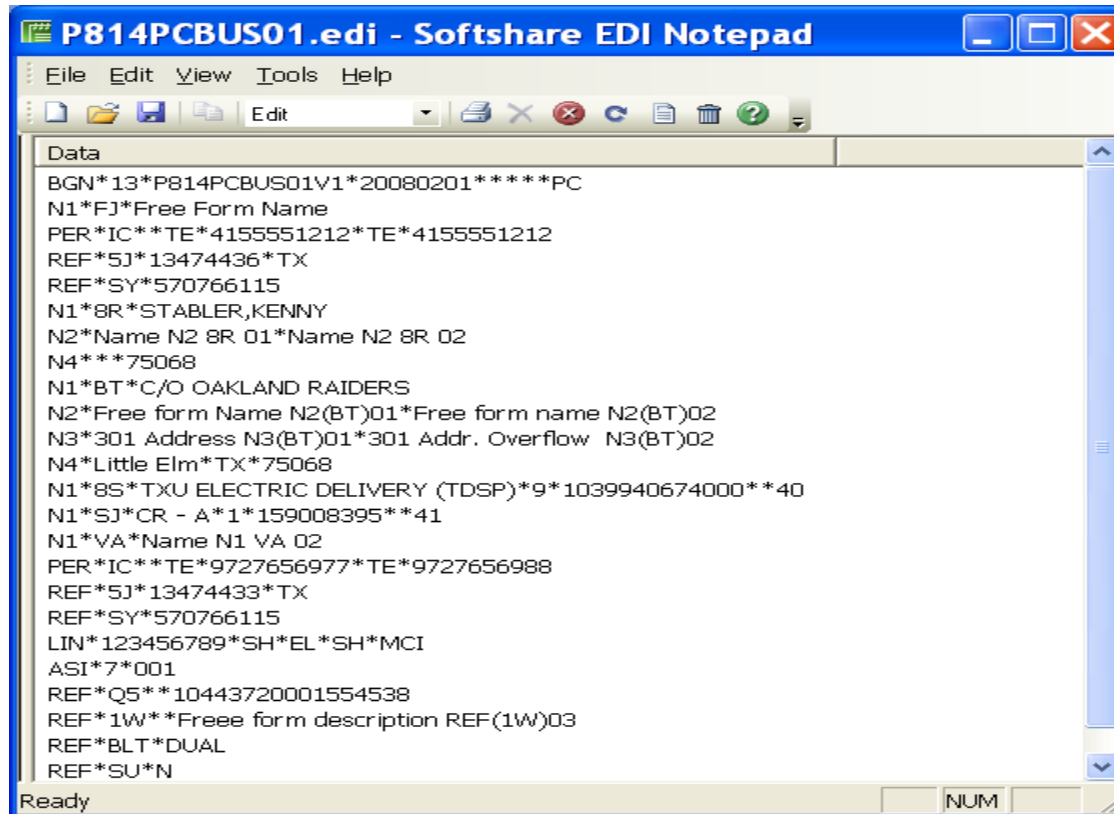
Date	Version	Description	Author
02/28/2008	V 1.0	Initial Release	Jim Rupert
04/09/2008	V 1.1	Added Appendix B. Batching, Appendix C. Control Numbers	Lori Eubanks

814_PC: Maintain Customer Information Request

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):



```
P814PCBUS01.edi - Softshare EDI Notepad
File Edit View Tools Help
Data
BGN*13*P814PCBUS01V1*20080201*****PC
N1*FJ*Free Form Name
PER*IC**TE*4155551212*TE*4155551212
REF*5J*13474436*TX
REF*SY*570766115
N1*8R*STABLER,KENNY
N2*Name N2 8R 01*Name N2 8R 02
N4***75068
N1*BT*C/O OAKLAND RAIDERS
N2*Free form Name N2(BT)01*Free form name N2(BT)02
N3*301 Address N3(BT)01*301 Addr. Overflow N3(BT)02
N4*Little Elm*TX*75068
N1*8S*TXU ELECTRIC DELIVERY (TDSP)*9*1039940674000**40
N1*SJ*CR - A*1*159008395**41
N1*VA*Name N1 VA 02
PER*IC**TE*9727656977*TE*9727656988
REF*5J*13474433*TX
REF*SY*570766115
LIN*123456789*SH*EL*SH*MCI
ASI*7*001
REF*Q5**10443720001554538
REF*1W**Freee form description REF(1W)03
REF*BLT*DUAL
REF*SU*N
Ready NUM
```

TxSet Validation Changes: Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are notated in gray font or not shown if they are not needed for completeness.

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
BGN01	'13'	No Change				A13
BGN02	Not null	Not null Uppercase letters (A to Z) and digits (0 to9)				A13
BGN08	'PC'	No Change				N/A
N1(FJ)01	'FJ'	No Change				A13
N1(FJ)02	not Null	No Change				
PER(FJ)01	'IC'	No Change			API	No Change
PER(FJ)03	'TE'	No Change		If PER(IC)04 is not Null	API	No Change
PER(FJ)04		Only digits. Non-numeric characters and spaces removed.		If PER(IC)03 is not Null		API
PER(FJ)05	'TE'	No Change		If PER(IC)06 is not Null	API	No Change
PER(FJ)06		Only digits. Non-numeric characters and		If PER(IC)05 is not Null		API

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
		<i>spaces removed.</i>				
REF(5J)01~FJ	'5J'	No Change				A13
REF(5J)02~FJ	Not null	Not null <i>uppercase letters (A to Z) and digits (0 to 9).</i>	If REF(5J)01~FJ equals '5J'	No Change		A13
REF(5J)03~FJ	Valid State code (e.g. TX)... see spec for values	No Change	If REF(5J)01~FJ equals '5J'	No Change		A13
REF(SY)01~FJ	'SY'	No Change				A13
REF(SY)02~FJ	Not null Only digits allowed (0-9)	No Change	If REF(SY)01~FJ equals 'SY'	No Change	If SSN not all numbers "INVALID SSN. Non-numeric data is not allowed." if SSN not 9 digits "INVALID SSN"	No Change
N1(8R)01	'8R'	No Change				A13
N1(8R)02	notNull	No Change	If REF(8R)01 equals '8R'	No Change		

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
N2(8R)01	<i>notNull</i>	<i>No Change</i>	<i>If REF(8R)01 equals '8R'</i>	<i>No Change</i>		
N202						
N4(8R)03	<i>Only digits allowed (0-9)</i>	<i>Only 5 or 9 digits allowed (0-9)</i>	<i>If REF(8R)01 equals '8R'</i>	<i>No Change</i>		A13
N1(BT)01		'BT'	<i>Optional</i>	<i>No Change</i>		N/A
N4(BT)04		'CA', 'CH', 'DE', 'ES', 'FR', 'GB', 'IT', 'JP', 'MX', 'PR', or 'SE'	<i>Optional</i>	<i>No Change</i>		N/A
N1(8S)01	'8S'	<i>No Change</i>				A13
N1(8S)02	<i>not Null</i>	<i>No Change</i>				A13
N1(8S)03	'1' or '9'	<i>No Change</i>				A13
N1(8S)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(8S)03 equals '1'</i>	<i>No Change</i>		A13
N1(8S)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(8S)03 equals '9'</i>	<i>No Change</i>		A13
N1(8S)06	'40'	<i>No Change</i>				A13
N1(SJ)01	'SJ'	<i>No Change</i>				A13
N1(SJ)02	<i>not Null</i>	<i>No Change</i>				A13
N1(SJ)03	'1' or '9'	<i>No Change</i>				A13
N1(SJ)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(SJ)03 equals '1'</i>	<i>No Change</i>		A13

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
N1(SJ)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(SJ)03 equals '9'</i>	<i>No Change</i>		A13
N1(SJ)06	<i>'41'</i>	<i>No Change</i>				A13
N1(VA)01	<i>Null or 'VA'</i>	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		A13
N1(VA)02	<i>notNull</i>	<i>No Change</i>	<i>If N1(VA)01 equals 'VA'</i>	<i>No Change</i>		
PER(VA)01	<i>'IC'</i>	<i>No Change</i>	<i>If N1(VA)01 equals 'VA'</i>	<i>No Change</i>	API	<i>No Change</i>
PER(VA)03	<i>'TE'</i>	<i>No Change</i>	<i>If PER(IC)04 is not Null</i>	<i>No Change</i>	API	<i>No Change</i>
PER(VA)04		<i>Only digits. Non-numeric characters and spaces removed.</i>		<i>If PER(IC)03 is not Null</i>		API
PER(VA)05	<i>'TE'</i>	<i>No Change</i>	<i>If PER(IC)06 is not Null</i>	<i>No Change</i>	API	<i>No Change</i>
PER(VA)06		<i>Only digits. Non-numeric characters and spaces removed.</i>		<i>If PER(IC)05 is not Null</i>		API
REF(5J)01~VA	<i>'5J'</i>	<i>No Change</i>				A13
REF(5J)02~VA	<i>Not null</i>	<i>Not null uppercase</i>	<i>If REF(5J)01~VA equals '5J'</i>	<i>No Change</i>		A13

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
		<i>letters (A to Z) and digits (0 to 9).</i>				
REF(5J)03~VA	<i>Valid State code (e.g. TX)... see spec for values</i>	<i>No Change</i>	<i>If REF(5J)01~VA equals '5J'</i>	<i>No Change</i>		<i>A13</i>
REF(SY)01~VA	<i>'SY'</i>	<i>No Change</i>				<i>A13</i>
REF(SY)02~VA	<i>Not null Only digits allowed (0-9)</i>	<i>No Change</i>	<i>If REF(FJ)01~VA equals 'SY'</i>	<i>No Change</i>	<i>If SSN not all numbers "INVALID SSN. Non-numeric data is not allowed." if SSN not 9 digits "INVALID SSN"</i>	<i>No Change</i>
LIN01	<i>Not Null</i>	<i>No Change</i>				<i>A13</i>
LIN02	<i>'SH'</i>	<i>No Change</i>				<i>A13</i>
LIN03	<i>'EL'</i>	<i>No Change</i>				<i>A13</i>
LIN04	<i>'SH'</i>	<i>No Change</i>				<i>A13</i>
LIN05	<i>'MCI'</i>	<i>No Change</i>				<i>A13</i>
ASI01	<i>'7'</i>	<i>No Change</i>				<i>ACI</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
ASI02	'001'	No Change				MTI
REF(Q5)01	'Q5'	No Change				A13
REF(Q5)03	not Null	No Change	If REF(Q5)01 equals 'Q5'	No Change		
REF(BLT)01	'BLT'	No Change		Optional		N/A
REF(BLT)02	'DUAL', 'ESP' or 'LDC'	No Change	If REF(BLT)01 equals 'BLT'	No Change	FRB	No Change
REF(SU)01	'SU'	No Change				A13
REF(SU)02	'N' or 'Y'	No Change	If REF(SU)01 equals 'SU'	No Change		A13

814_PD: Maintain Customer Information Response

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):

```
BGN*11*CSO20080326164855071599*20080627***P814PCBUS01V1**PD
N1*8S*ONCOR*9*1039940674000**41
N1*SJ*CR - A*1*159008395**40
LIN*123456789*SH*EL*SH*MCI
ASI*WQ*001
REF*Q5**10443720001554538
```

TxSet Validation Changes: Segments which include changes are highlighted in yellow and the changes are **notated in red font**. ANSI validations are **notated in gray font** or not shown if they are not needed for completeness.

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
BGN01	'11'	<i>No Change</i>				<i>New Format*</i>
BGN02	Not null	Not null Uppercase letters(A-Z) And digits(0-9)				<i>New Format*</i>
BGN03	Not null	<i>No Change</i>				<i>New Format*</i>
BGN06	Not null	Not null Uppercase letters(A-Z) And digits(0-9)				<i>New Format*</i>
BGN08	'PD'	<i>No Change</i>				<i>New Format*</i>
N1(8S)01	'8S'	<i>No Change</i>				<i>New Format*</i>
N1(8S)02	<i>notNull</i>	<i>No Change</i>				<i>New Format*</i>
N1(8S)03	'1' or '9'	<i>No Change</i>				<i>New Format*</i>
N1(8S)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(8S)03 equals '1'</i>	<i>No Change</i>		<i>New Format*</i>
N1(8S)04	<i>stringLength equals 13</i>	<i>No Change</i>	<i>If N1(8S)03 equals '9'</i>	<i>No Change</i>		<i>New Format*</i>
N1(8S)06	'41'	<i>No Change</i>				<i>New Format*</i>
N1(SJ)01	'SJ'	<i>No Change</i>				<i>New Format*</i>
N1(SJ)02	<i>notNull</i>	<i>No Change</i>				<i>New Format*</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
N1(SJ)03	'1' or '9'	No Change				New Format*
N1(SJ)04	stringLength equals 9	No Change	If N1(SJ)03 equals '1'	No Change		New Format*
N1(SJ)04	stringLength equals 13	No Change	If N1(SJ)03 equals '9'	No Change		New Format*
N1(SJ)06	'40'	No Change				New Format*
LIN01		Not Null				New Format*
LIN02	'SH'	No Change				New Format*
LIN03	'EL'	No Change				New Format*
LIN04	'SH'	No Change				New Format*
LIN05	'MCI'	No Change				New Format*
ASI01	'U' or 'WQ'	No Change				New Format*
ASI02	'001'	No Change				New Format*
REF(7G)01	'7G'	No Change	If ASI01 equals 'U'	No Change		New Format*
REF(7G)02	'008', 'A13', 'A76', 'A83', 'A84', 'ACI', 'API', 'D76', 'MTI' or 'ZIP'	'008', 'A13', 'A76', 'A83', 'A84', 'ACI', 'ANK', 'API', 'D76', 'FRB', 'IMI', 'MTI' or 'ZIP'	If REF(7G)01 equals '7G'	If REF(7G)01 equals '7G'		New Format*
REF(Q5)01	'Q5'	No Change				New Format*
REF(Q5)03	notNull	No Change	If REF(Q5)01 equals 'Q5'	No Change		New Format*

APPENDIX A.

New Error Format:

Descriptions

Error messages will be in one of the following four formats.

Invalid Data:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data =” <data>

Example:

Error at LIN NM02[89] SJ Invalid data = #\$\$\$.

Data Length:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Length =” <number>

Example:

Error at LIN NM02[89] SJ “Invalid data length =” 18

Data Type:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Invalid Data Type =” <datatype>

Example:

Error at LIN NM02[89] SJ “Invalid data type =” Alpha-Numeric

IF Reject Code = API

Missing Data:

“Error at” <TXSET Loop> + <TXSET Ref Des.> + <[TXSET Data Element]> + <TXSET Segment Qualifier> + “Data Missing from field”

Example:

Error at LIN NM02[89] SJ “Data missing from field”

APPENDIX B.

Batching:

All transactions of the same type (Registrations, RevenueManagement, or ServiceOrders), with the exception of 867 IDRs, that are being sent to the same Trading Partner (TP) will be batched together into a single Interchange and Group when the outbound EDI is created.

For example, all 650-02s and 650-04s being sent to ACN Energy will be batched together in one Interchange and all 810-02s going to ACN Energy will be batched in a separate Interchange. Similarly, all 814-04/09/13/25/27/28 being sent to ERCOT will be combined in a single EDI Interchange and 867-02/03/04 NonIDR will be batched in a separate EDI Interchange.

All 867 IDR transactions will be scheduled and sent out with the same interval as all other ERCOT-bound transactions, however each 867 IDR transaction will receive its own Interchange and will not be batched together.

As requested, a separate polling process has been setup that will allow the processing of 814-20 Updates to be manually started and stopped. When this polling process is turned on, the 814-20 Updates will be processed and batched together. When the polling process is stopped, 814-20 Updates will still be received from LCIS but they will not be published to BC or sent out to the market. Note: Because 814-20 Updates are sent through this separate process, they will not be batched together with the 814-20 Additions, 814-20 Deletions, or other Registration transactions.

APPENDIX C.

Control Numbers (ISA Control Number):

The decision was made to find the Trading Partner with the highest control number and add 10,000. Apply that number as the new control number for all Trading Partners.