

Market Test Changes – Adhoc Historical Usage Request/Response

DOCUMENT HISTORY

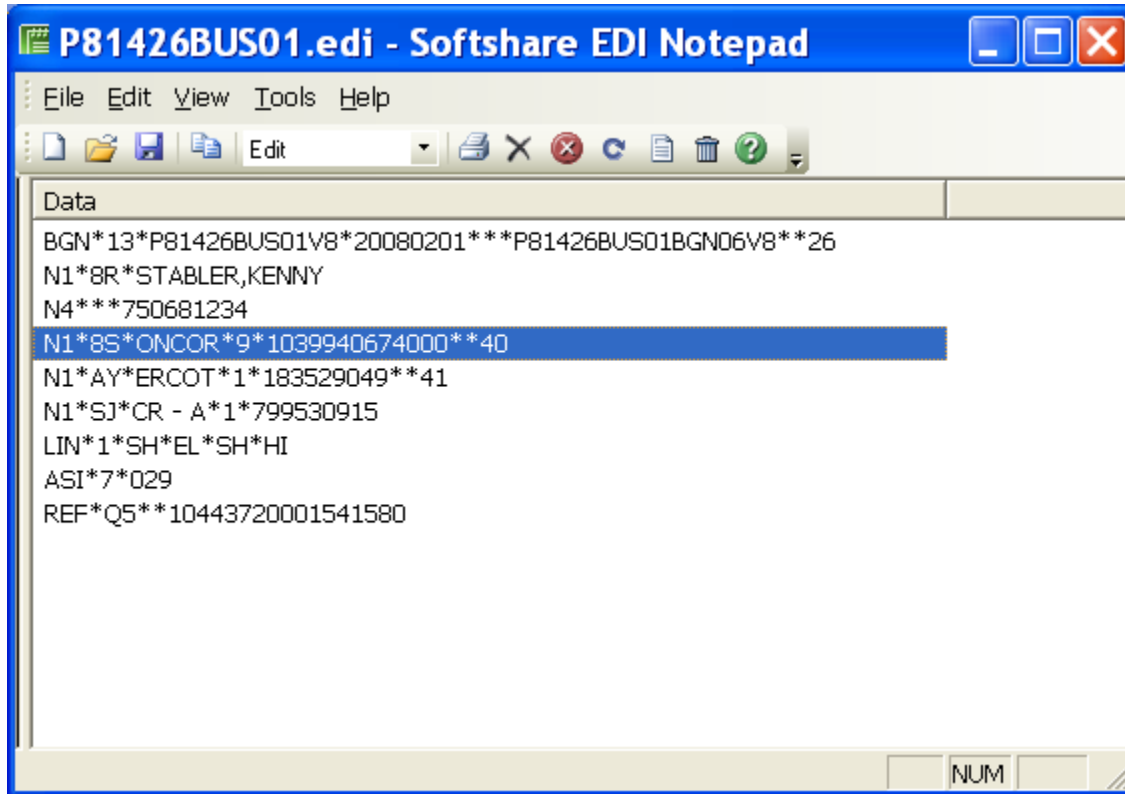
Date	Version	Description	Author
02/28/2008	V 1.0	Initial Release	Jim Rupert
04/09/2008	V 1.1	Added Appendix B. Batching, Appendix C. Control Numbers	Lori Eubanks

814_26: Ad-Hoc Historical Usage Request

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):



```
Data
BGN*13*P81426BUS01V8*20080201***P81426BUS01BGN06V8**26
N1*8R*STABLER,KENNY
N4***750681234
N1*8S*ONCOR*9*1039940674000**40
N1*AY*ERCOT*1*183529049**41
N1*SJ*CR - A*1*799530915
LIN*1*SH*EL*SH*HI
ASI*7*029
REF*Q5**10443720001541580
```

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' – Invalid data format	No Change
BGN02	Not Null	Not Null <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>			'A13' – Invalid data format	No Change
BGN06	Not Null	Not Null <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>			'A13' – Invalid data format	No Change
BGN02 or BGN06	Check for duplicate (sent in the past)	No Change			'DUP'	No Change
BGN08	'26'	No Change				N/A
N1(8R)01	'8R'	No Change			'A13'	No Change
N1(8R)02	<i>notNull</i>	<i>No Change</i>			997 NACK	<i>No Change</i>
N4(8R)03	<i>Numeric only - 5 or 9 digits allowed (0-9)</i>	<i>No Change</i>			'A13'	No Change
N1(8S)01	'8S'	No Change			'A13'	No Change

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
N1(8S)02	<i>notNull</i>	<i>No Change</i>			'A13'	<i>No Change</i>
N1(8S)03	'1' or '9'	<i>No Change</i>			'A13'	<i>No Change</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>	'A13'	<i>No Change</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>	'A13'	<i>No Change</i>
N1(8S)06	'40'	<i>No Change</i>			'A13'	<i>No Change</i>
N1(AY)01	'AY'	<i>No Change</i>			'A13'	<i>No Change</i>
N1(AY)02	<i>notNull</i>	<i>No Change</i>			'A13'	<i>No Change</i>
N1(AY)03	'1'	<i>No Change</i>			'A13'	<i>No Change</i>
N1(AY)04	<i>stringLength equals 9</i>	<i>No Change</i>	<i>If N1(AY)03 equals '1'</i>	<i>No Change</i>	'A13'	<i>No Change</i>
N1(AY)06	'41'	<i>No Change</i>			'A13'	<i>No Change</i>
N1(SJ)01	'SJ'	<i>No Change</i>			'A13'	<i>No Change</i>
N1(SJ)02	<i>notNull</i>	<i>No Change</i>			'A13'	<i>No Change</i>
N1(SJ)03	'1' or '9'	<i>No Change</i>			'A13'	<i>No Change</i>
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'	<i>No Change</i>
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'	<i>No Change</i>
N1(SJ)06		<i>Optional</i>			'A13'	<i>No Change</i>
LIN01	<i>notNull</i>	<i>No Change</i>	Only 1 LIN Loop per EDI transaction is accepted in the Texas Market	<i>No Change</i>	'A13'	<i>No Change</i>

EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
LIN02	'SH'	No Change			'A13'	No Change
LIN03	'EL'	No Change			'A13'	No Change
LIN04	'SH'	No Change			'A13'	No Change
LIN05	'HI' or 'HU'	No Change			'A13'	No Change
ASI01	'7'	No Change			'ACI'	No Change
ASI02	'029'	No Change				'MTI'
REF(Q5)01	'Q5'	No Change			'A13'	No Change
REF(Q5)03	notNull	No Change	If REF(Q5)01 equals 'Q5'	No Change	997 NACK	No Change

814_27: Ad-Hoc Historical Usage Response

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):

```
Data
BGN*11*SB7078831047200803181531466694*20080619***P81426BUS01BGN06V8**27
N1*8S*ONCOR*9*1039940674000**41
N1*AY*ERCOT*1*183529049**40
N1*SJ*CR - A*1*799530915
LIN*1*SH*EL*SH*HI
ASI*WQ*029
REF*1P*HIU*HISTORICAL USAGE WILL BE PROVIDED INSTEAD
REF*Q5**10443720001541580
```

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'	No Change				New Format*
BGN02	Not Null	Not Null <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>				New Format*
BGN06	Not Null	Not Null <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>				New Format*
BGN08	'27'	No Change				New Format*
N1(8S)01	'8S'	No Change				New Format*
N1(8S)02	notNull	No Change				New Format*
N1(8S)03	'1' or '9'	No Change				New Format*
N1(8S)04	<i>stringLength equals 9</i>	No Change	<i>If N1(8S)03 equals '1'</i>	No Change		New Format*
N1(8S)04	<i>stringLength equals 13</i>	No Change	<i>If N1(8S)03 equals '9'</i>	No Change		New Format*
N1(8S)06	'41'	No Change				New Format*
N1(AY)01	'AY'	No Change				New Format*
N1(AY)02	notNull	No Change				New Format*

EDI Field	Allowed Value(s) - existing	Allowed Value(s) – new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
N1(AY)03	'1'	No Change				New Format*
N1(AY)04	stringLength equals 9	No Change	If N1(AY)03 equals '1'	No Change		New Format*
N1(AY)06	'40'	No Change				New Format*
N1(SJ)01	'SJ'	No Change				New Format*
N1(SJ)02	notNull	No Change				New Format*
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		Optional				New Format*
LIN01	notNull	No Change	Only 1 LIN Loop per EDI transaction is accepted in the Texas Market	No Change		New Format*
LIN02	'SH'	No Change				New Format*
LIN03	'EL'	No Change				New Format*
LIN04	'SH'	No Change				New Format*
LIN05	'HI' or 'HU'	No Change				New Format*
ASI01	'U' or 'WQ'	No Change				New Format*
ASI02	'029'	No Change				New Format*
REF(1P)01	'1P'	No Change		Optional		New Format*
REF(1P)02	'A13', 'HIU', 'HUU'	No Change	If REF(1P)01 equals '1P'	No Change		New Format*

EDI Field	Allowed Value(s) - existing	Allowed Value(s) – new	Pre-Condition (existing)	Pre-Condition (new)	Error String (existing)	Error String (new)
REF(1P)03	<i>notNull</i>	<i>No Change</i>		<i>If REF(1P)02 equals 'A13'</i>		<i>New Format*</i>
REF(7G)01	<i>'7G'</i>	<i>No Change</i>	<i>If ASI01 equals 'U'</i>	<i>No Change</i>		<i>New Format*</i>
REF(7G)02	<i>'008', 'A13', 'A76', 'A83', 'ACI', 'ANM', 'API', 'D76', 'MTI' or 'ZIP'</i>	<i>'008', 'A13', 'A76', 'A83', 'ACI', 'ANM', 'API', 'D76', 'DUP', 'MTI' or 'ZIP' 'DOT'</i>	<i>If REF(7G)01 equals '7G'</i>	<i>No Change</i>		<i>New Format*</i>
REF(7G)03	<i>notNull</i>	<i>No Change</i>		<i>If REF(7G)02 equals 'A13' or 'API'</i>	<i>"RJCT-REAS-T must be populated when RJCT-REAS-C = 'A13' or 'API': " "Value of RJCT-REAS-C"</i>	<i>New Format*</i>
REF(Q5)01	<i>'Q5'</i>	<i>No Change</i>				<i>New Format*</i>
REF(Q5)03	<i>notNull</i>	<i>No Change</i>	<i>If REF(Q5)01 equals 'Q5'</i>	<i>No Change</i>		<i>New Format*</i>

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.