

Market Test Changes – Completed Unexecutable or Permit Required 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_28: Completed Unexecutable or Permit Required

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):

```
BGN*13*SB7065875721200803051013089471*20080703***BGN06X1000XP81428BUS01*09*28
N1*8R*PREMISE
N3*3727 DILIDO RD BLDG MAIN
N4*DALLAS*TX*752285531
N1*8S*ONCOR*9*1039940674000**41
N1*AY*ERCOT*1*183529049**40
N1*SJ*RELIANT ENERGY RETAIL*1*799530915
LIN*1*SH*EL*SH*CE*SH*MVI
ASI*9*021
REF*G7*T004*HIGH FENCE - LOCKED GATE
REF*SU*N
REF*Q5**10443720001352045
```

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'	<i>No Change</i>			'A13' – Invalid data format	No Change
BGN02	<i>Not Null</i>	<i>Not Null</i> <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>			'A13' – Invalid data format	No Change
BGN03	<i>Date in CCYYMMDD format</i>	<i>No Change</i>			'A13' – Invalid data format	No Change
BGN06	<i>Not Null</i>	<i>Not Null</i> <i>alphanumeric only – uppercase A thru Z, 0 thru 9</i>			'A13' – Invalid data format	No Change
BGN07	'09' or 'PT'	<i>No Change</i>			'A13' – Invalid data format	<i>No Change</i>
BGN08	'28'	<i>No Change</i>				N/A
N1(8R)01	'8R'	<i>No Change</i>				N/A
N1(8R)02	<i>notNull</i>	<i>No Change</i>				
N301	<i>notNull</i>	<i>No Change</i>				
N302	<i>notNull</i>	<i>No Change</i>	<i>Optional</i>	<i>No Change</i>		
N401	<i>notNull</i>	<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)
N402			<i>Required If N401 exists, otherwise optional</i>	<i>No Change</i>		
N403	<i>Numeric only 0-9, Only 5 or 9 digits allowed.</i>	<i>No Change</i>				
N1(8S)01	<i>'8S'</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
N1(8S)02	<i>notNull</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
N1(8S)03	<i>'1' or '9'</i>	<i>No Change</i>			<i>'A13'</i>	<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>	<i>'A13'</i>	<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>	<i>'A13'</i>	<i>No Change</i>
N1(8S)06	<i>'40'</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
N1(AY)01	<i>'AY'</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
N1(AY)02	<i>notNull</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
N1(AY)03	<i>'1'</i>	<i>No Change</i>			<i>'A13'</i>	<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>	<i>'A13'</i>	<i>No Change</i>
N1(AY)06		<i>'40'</i>			<i>'A13'</i>	<i>No Change</i>
N1(SJ)01	<i>'SJ'</i>	<i>No Change</i>		<i>Optional</i>		<i>N/A</i>
N1(SJ)02	<i>notNull</i>	<i>No Change</i>	<i>If N1(SJ)01 = SJ</i>	<i>No Change</i>	<i>'A13'</i>	<i>No Change</i>
N1(SJ)03	<i>'1' or '9'</i>	<i>No Change</i>			<i>'A13'</i>	<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>	<i>'A13'</i>	<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)
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		'40'			'A13'	<i>No Change</i>
LIN01	<i>notNull</i>	<i>No Change</i>		<i>Only 1 LIN Loop per EDI transaction</i>	'A13'	<i>No Change</i>
LIN02	'SH'	<i>No Change</i>			'A13'	<i>No Change</i>
LIN03	'EL'	<i>No Change</i>			'A13'	<i>No Change</i>
LIN04	'SH'	<i>No Change</i>			'A13'	<i>No Change</i>
LIN05	'CE'	<i>No Change</i>			'A13'	<i>No Change</i>
LIN06	'SH'	<i>No Change</i>			'A13'	<i>No Change</i>
LIN07	'MVI' or 'MVO'	<i>No Change</i>			'A13'	<i>No Change</i>
ASI01	'9' or 'PT'	<i>No Change</i>			'A13'	<i>No Change</i>
ASI02	'002' or '021'	<i>No Change</i>			'A13'	<i>No Change</i>
REF(2U)01	'2U'	<i>No Change</i>	<i>Required If BGN07 = 'PT', Otherwise, not used</i>	<i>No Change</i>	'A13'	<i>No Change</i>
REF(2U)02	<i>notNull</i>	<i>No Change</i>	<i>If REF(2U)01 exists</i>	<i>No Change</i>	'A13'	<i>No Change</i>
REF(G7)01	'G7'	<i>No Change</i>	<i>Required If ASI01 = '9', otherwise not used.</i>	<i>No Change</i>		
REG(G7)02	<i>See TXSET for list of allowed Values</i>	<i>No Change</i>	<i>If REF(G7)01 exists</i>	<i>No Change</i>		
REF(G7)03	<i>NotNull</i>	<i>No Change</i>	<i>If REF(G7)02 = 'T018' or 'x000',</i>	<i>No Change</i>		

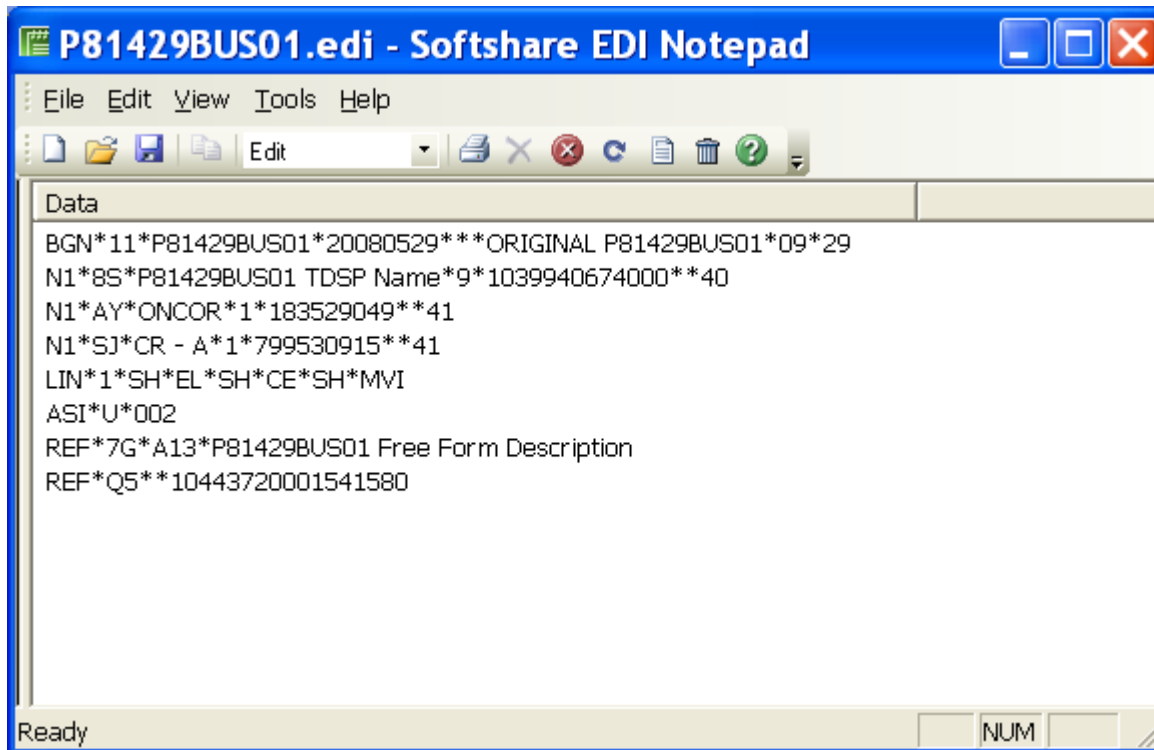
EDI Field	Allowed Value(s) - existing	Allowed Value(s) - new	Pre-Condition (existing)	Pre-Condition (new)	Rejection Code (existing)	Rejection Code (new)
			<i>Otherwise, not used.</i>			
REF(SU)01	<i>'SU'</i>	<i>No Change</i>				
REF(SU)02	<i>'N' or 'Y'</i>	<i>No Change</i>				
REF(Q5)01	<i>'Q5'</i>	<i>No Change</i>			<i>'A13'</i>	<i>No Change</i>
REF(Q5)03	<i>notNull</i>	<i>No Change</i>	<i>If REF(Q5)01 equals 'Q5'</i>	<i>No Change</i>	<i>997 NACK</i>	<i>No Change</i>

814_29: Response to Completed Unexecutable or Permit Required

Sequence Changes: None

ANSI Validations: ANSI 4010 Standards followed

EDI Sample (Test Case):



```
Data
BGN*11*P81429BUS01*20080529***ORIGINAL P81429BUS01*09*29
N1*8S*P81429BUS01 TDSP Name*9*1039940674000**40
N1*AY*ONCOR*1*183529049**41
N1*SJ*CR - A*1*799530915**41
LIN*1*SH*EL*SH*CE*SH*MVI
ASI*U*002
REF*7G*A13*P81429BUS01 Free Form Description
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 alphanumeric only – uppercase A thru Z, 0 thru 9				New Format*
BGN03	Date in CCYYMMDD format	No Change				New Format*
BGN06	Not Null	Not Null alphanumeric only – uppercase A thru Z, 0 thru 9				New Format*
BGN07	'09' or 'PT'	No Change				New Format*
BGN08	'29'	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	stringLength equals 9	No Change	If N1(8S)03 equals '1'	No Change		New Format*
N1(8S)04	stringLength equals 13	No Change	If N1(8S)03 equals '9'	No Change		New Format*
N1(8S)06	'40'	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		'41'				New Format*
N1(SJ)01	'SJ'	No Change		Optional		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		New Format*
LIN02	'SH'	No Change				New Format*
LIN03	'EL'	No Change				New Format*
LIN04	'SH'	No Change				New Format*
LIN05	'CE'	No Change				New Format*
LIN06	'SH'	No Change				New Format*
LIN07	'MVI' or 'MVO'	No Change				New Format*
ASI01	'U' or 'WQ'	No Change				New Format*
ASI02	'002' or '021'	No Change				New Format*
REF(7G)01	'7G'	No Change	Required If ASI01 = 'U', Otherwise, not used	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(7G)02	'A13', 'A76', 'A83', 'A84', 'API', 'D30', 'D76', 'DUP'	No Change	If REF(7G)01 exists	No Change		New Format*
REF(7G)03	NotNull	No Change	If REF(7G)02 = 'A13' or 'API', Otherwise, not used.	No Change		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.