

**AUC Rule 021: Settlement System Code
Transaction Working Group Meeting Minutes**

Meeting Date	Thursday, October 28, 2010	Time	10:00 to 14:00
Location	ATCO Centre 10035 105 ST Edmonton AB, T5J 1C8	Facilitator	Raymond Lee and Paul Lindsay

Present:

Name	Organization	Name	Organization
Raymond Lee	AUC	Naomi Broni	EPCOR Retail
Paul Lindsay	ENMAX Power	Maureen Jeske	Direct Energy
Kathy McCollum	ATCO Gas	Tina Dulguerov	Fortis Alberta
Nap Pepin	ATCO Electric	Shun Fung	EPCOR Distribution
Brian Neufeld	ENMAX Energy		

Meeting Minutes:

1. Decisions Made To Date

For 2011 changes, the following decisions have been made

- For consistency purpose, all participants agreed on change the GCM kWh field from Number (8,2) to Number (12,4)
- To address the meter reads issue during customer switches retailer, the working group agreed to add the following statement to the DCM Process Rules:

“Where no meter reading exists at the time a customer with a cumulative meter switches retailers. The MDM shall provide the next actual meter read that becomes available to all retailers that served the customer since the previous actual meter read.”

- Proposed transaction status codes grouping was adopted. All working group members agreed to have this implemented on April 1st, 2011.
- Two new DEF transaction status codes added:
 - 8763 CONP – Paid Receipt Shown

- 8764 Wrong De-energize Type Request Received

- International phone numbers are not required within the UCI
- Optional vs. Mandatory will be looked at a future date as UCI issues needed to be addressed first.
- Add two new transaction status codes for Paid Receipt Shown and Wrong De-energize Type Received
- Renamed UCI Field #98 from Foreign Address 4 to Alternate Contact
- Transaction status code implementation date is March 31 2011
- Interim description for UCI transaction element #98 to read: 'Alternate Contact, Required if Available'

For 2012 changes, the following decisions have been made

- Definition of Mandatory, Conditional and Optional
 - **Mandatory:** Required in transaction, data must valid and relevant.
 - **Conditional:** Populated according to stated production rules or specified in applicable transaction element sequence description
 - **Optional:** populated at participants discretion

2. Issues Deferred to SSC Working Group

- The TWG deferred the issue of the use of the Critical to Have Power within the UCI transaction as it was felt this issued needed to be addressed by the main SSC working group. The group noted that the Critical to Have Power does not have a standard applied to it. Some retailers use the field to advise of a customer with a medical condition, other use it because their customer needs power to 'run a business'
- The TWG deferred .CSV vs. .csv as it was felt this issued needed to be addressed by the main SSC working group.

3. AUC Update on 2011 Rule 021 Changes

- Stakeholder review and consultation completed, biggest issue dealt with system level PFAM's
- Agreement from stakeholders that system level PFAM materiality limit is 100 MWh
- Site level materiality limit is 100 kWh
- Proposed RSA transaction changes will stay as designed

- Final draft of Rule 021 will be presented to the Commission by mid-November.
- Last draft of SSC redline should be considered as the final draft
- Approval of all proposed 2011 Rule 021 changes is expected by December 01 2010
- Once approved, Rule 021 changes will become effective January 01 2011
- Of the 9 options presented by the AUC for implementation of PFAM and settlement timing changes, Market participants agreed to option 8
- Rule 021 compliance commences October 01 2011
- EPC indicated at SSC Working Group meeting they may not be ready for a July 01 2011 implementation date
- No other distributors indicated they could not meet July 01 2011 date

Action Item: Distributors to advise AUC by Nov 5 2010 if they can meet July 01 2011 date

4. Transaction Working Group 2011 Changes

- EPCOR Retail asked when 2011 Transaction Working group changes will be implemented
- The AUC advised that since there were no major changes to transaction status codes March 31 2011 was agreed to by the TWG at the last meeting. It is expected that this date will be agreed to by the Commission
- EPCOR retailer advised they will confirm with their IT department to see if they can meet the March 31 2011 transaction status implementation date
- A question was asked to the AUC when the GCM change was to be implemented
- Direct Energy noted that there wasn't a lot of micro generation sites and that the GCM change shouldn't be difficult
- The AUC advised that there were slightly over 200 Micro Generation sites in Alberta and the AUC would have to clarify when this change should be implemented
- ATCO Electric asked if the AUC would produce an implementation schedule of all 2011 Rule 021 changes
- The AUC agreed they would provide an implementation schedule for 2011 changes for review.

Action Item: AUC to provide 2011 Rule 021 implementation schedule for review

5. New TWG Item from SSC Working Group

- The SSC working group assigned a new PFAM Summary Reporting task to the Transaction Working Group
- Questions raised were 'Is an existing AESO report appropriate?'
- Could this report be made into a .CSV?
- ATCO Electric agreed to take on this task and provide a framework for the report

6. Review of Action Items From Last Meeting

- Distributors to confirm if DIM sequences 11 through 16 are always populated – All distributors confirmed that DIM sequences 11 through 16 are always populated
- Distributors to confirm if DCM sequence #19 is populated for unmetered sites – All distributors confirmed that the meter multiplier is not populated for unmetered sites
- Distributors to confirm if they currently produce or have ever produced an SCU transaction – No distributors use or have ever produced a SCU transaction¹
- Retailers to confirm if they have ever received an SCU transaction – All retailers confirmed they have never received a SCU transaction
- Distributors to confirm if DSM sequence #9 is populated – All distributors confirmed they report MVAR in the DSM transaction
- Distributors to confirm if WSD sequence #20 is populated – Electric distributors stated they do not populate the weather station in the WSD. ATCO Gas stated they do populate the weather station.

7. Rule Issue Management (RIM)

- ATCO Electric inquired about the status of the Rule Issue Management system (RIM)
- ATCO Electric asked if an e-mail will be sent on how to get administrator access to the RIM system
- The AUC replied that the RIM system testing has been completed and should be rolled out shortly to market participants
- The AUC further stated that the RIM system was included within the DDS system and each market participant should already have an administrator that would grant access to the RIM system. This was how the TIM system was set up and no change is expected in how RIM will be rolled out.
- ATCO Electric felt the TIM system was a very useful tool with flexible functionality; ATCO Electric asked how notification of new issues and responses to issues would be handled.
- The AUC stated they would look into how RIM notifications are handled and will advise at our next meeting.

Action Item: AUC to advise how RIM Issue notification will be provided by next TWG meeting

8. Review of Transactions from September 16 Meeting

- The group reviewed the definitions of mandatory, conditional and optional that was discussed. All group members agreed with the definitions and will be proposed by the TWG to the SSC Working Group.
- Direct Energy asked if there were any possibility of changing the SID (Site ID Catalog) in 2012
- Direct Energy advised that they subscribed to Utility Net's site id catalog; Utility Net advised that they may start charging a fee for this service in 2012.
- In light of this, Direct Energy asked if it made sense to have a central site id catalog.

¹ EPC advised they manually created 1 SCU five years earlier at the request of the AESO. SCU is not a transaction used by EPC.

- ATCO Gas felt this was reasonable since there were many instances where a site had both electric and gas services but the electric and gas site id catalogs showed a different address for the same site
- The AUC stated this should be brought up to the SSC working group for further discussion. All TWG members agreed.
- SID transaction was reviewed, all TWG members agreed to proposed definitions²
- DIM transaction was reviewed, all TWG members agreed to proposed definitions
- GIM transaction was reviewed, all TWG members agreed to proposed definitions
- DCM transaction was reviewed, all TWG members agreed to proposed definitions
- GCM transaction was reviewed, all TWG members agreed to proposed definitions
- WSI transaction was reviewed, all TWG members agreed to proposed definitions
- SSI transaction was reviewed, all TWG members agreed to proposed definitions
- DSM transaction was reviewed, all TWG members agreed to proposed definitions
- SPI transaction was reviewed, the AUC asked what the difference was between 'Profile Type' and Profile Class'
- ATCO Electric responded that Profile Type was a type of profile I.E. NSLS or Sample and Profile Class was a subset of the profile type I.E. CAL_NSLS etc
- After further discussion the AUC asked if each distributor could confirm with their respective LSA's the difference between Profile Type and Profile Class and report back at the next TWG meeting
- The SPI transaction was then reviewed, all TWG members agreed to proposed definitions
- The WSD transaction was then reviewed, the weather station (seq #20) was noted as optional.
- ATCO Electric asked if the weather station should be optional for gas distributors since ATCO Gas populated the weather station in the WSD.
- ATCO Gas stated they were ok with the weather station as being optional or mandatory but they felt that Alta Gas should state how they use the weather station in the WSD
- Alta Gas was not present at the meeting, the AUC stated they would inquire with Alta Gas if they populated the weather station in the WSD
- The group agreed that for electric distributors the weather station is optional and gas would be determined after Alta Gas's response is known
- WCI transaction was reviewed, all TWG members agreed to proposed definitions
- During the review of the SRR transaction, the AUC questioned why the business function id was mandatory
- ATCO Electric and ENMAX Power both stated that it is currently a required field and all distributors would currently be validating for its presence.
- ATCO Electric further stated that they created MSA reports based on the BFID, changing the report to report on retailer id would be costly for AE and not easy to make
- The SRR transaction review was completed, all TWG members agreed to proposed definitions
- During the SRR review ATCO Electric asked if it made sense to allow same day enrollments to occur to mitigate energization requests for retailer switches.
- The AUC stated that this question should be dealt with the Enrollment and Energization working Group

² Please see Appendix for listing of agreed upon transaction definitions and layout

Action Item: AUC to contact Alta Gas and inquire if they populate the weather station in the WSD³

9. Transaction Content Review

- The SRN transaction was reviewed, the group agreed that sequence 1 – 6 and 10 are mandatory, 7 – 9 are conditional and 11 – 13 are optional
- ATCO Electric proposed that a profile class and loss class table be added to appendix A.
- ATCO Electric explained that these new appendix tables would provide information on each profile class a retailer could expect to see in a SRN file and settlement files
- All TWG members agreed the proposed two new tables would provide value to all market participants
- Discussions regarding the proposed new Appendix A tables will commence in the next TWG meeting
- The SRO transaction was reviewed, the group agreed that sequences 1 – 7 are mandatory and 8 – 9 are optional.
- ATCO Electric asked what a Settlement Transfer Number was
- None of the TWG members could answer the question.
- The AUC asked if any distributors have used the Settlement Transfer Number
- Each Distributor stated they would have to check their systems but none believed they had used this field.
- The TWG proposed that the question of ‘What is a Settlement Transfer Number?’ be brought up at the next SSC Working Group meeting.
- The SRW transaction was reviewed, the group agreed that all sequences were mandatory
- The GRN transaction was reviewed, the group agreed that sequences 1 – 4, 6 and 9 – 10 were mandatory, 5 was optional and 7 – 8 were conditional
- ATCO Electric asked if the new Gas Settlement code would be incorporating Rule 021 transactions
- ATCO Gas replied that for consistency sake the Gas Settlement code would be using Rule 021 transactions and formats. There would be instances where a transaction may be modified to incorporate a Gas only scenario.
- The AUC noted that both the Electric and Gas Settlement codes maybe combined in 2012
- Before the SMC transaction could be reviewed, questions were asked as to when a SMC was required. Specifically was a SMC required for brand new sites where a site would eventually have a cumulative meter installed but at the time of site enrollment, no meter was currently installed at the site
- EPC advised that in this situation they do not create a SMC as no meter is installed at the site.
- EPC also stated that once the meter has been installed and energized, the SMC is produced and sent to the retailer at that time
- EPCOR Retail felt a SMC should be produced with a U in the meter type field
- EPC stated that the site was not created as a un-metered so their system could not produce the SMC

³ Alta Gas provided the following response to the AUC – ‘AUI currently does not use the WSD transaction. However, having the field 20 as ‘Mandatory’ should not pose any issues with AUI even if we are to use it in the future.’

- Some TWG members felt the way EPC handled SMC's for new sites was non-compliant with Rule 021 rules, other members were not sure if there was non-compliance
- EPC stated they have been producing the SMC this way since the SMC was introduced in early 2002
- The AUC asked that all distributors confirm how they handle SMC's for brand new sites where no metering exists
- The AUC also asked how retailers are currently handling situations where they receive an SRN and no SMC is received
- The group agreed to review the SMC transaction at the next TWG meeting
- The USA transaction was reviewed, the group agreed sequences 1 – 5 are mandatory and the rest were all conditional
- The RSA transaction was reviewed, the group agreed that all sequences were mandatory including new sequence #14
- The RAM, TAA and GRS transactions were reviewed, the group agreed that all sequences within these three transactions were all mandatory.
- The group began to review the ENR transaction, the group was only able to discuss up to sequence #7 before members had to depart.
- Of the ENR sequences reviewed, the group agreed sequences 1 – 3 and 5 – 6 were mandatory, sequence #4 was optional. The group left off at sequence #7
- The next TWG meeting will begin at ENR sequence #7

Action Item: - Distributors to confirm if they have ever populated the LSA Transfer Number in the SRN and SRO transactions

Distributors to confirm how they handle SMC's for brand new sites where no metering exists

Retailers to confirm how they are currently handling situations where they receive an SRN and no SMC is received

10. Decision made at this meeting

- Agreement on transaction definitions and layout for transactions listed in the appendix
- Agreement to add new Profile Class and Loss Class table to Rule 021 Appendix A

11. Action Items:

- Distributors to advise AUC by Nov 5 2010 if they can meet July 01 2011 implementation date
- AUC to provide 2011 Rule 021 implementation schedule for review
- ATCO Electric to provide a framework for the PFAM summary report
- AUC to advise how RIM Issue notification will be provided by next TWG meeting
- AUC to contact Alta Gas and inquire if they populate the weather station in the WSD
- Distributors to confirm if they have ever populated the LSA Transfer Number in the SRN and SRO transactions
- Distributors to confirm how they handle SMC's for brand new sites where no metering exists
- Retailers to confirm how they are currently handling situations where they receive an SRN and no SMC is received

12. Next Meeting

- Next meeting is scheduled on Tuesday, 10:00 to 14:00, November 23, 2010 at Fortis Alberta Office in Calgary. Address of the meeting will be forwarded when the agenda for the next meeting is sent out
- AUC will send out an agenda later

Appendix

Agreed upon transaction descriptions and layout.

Propose to add new section titled: Transaction Definition:

- **Mandatory:** Required in transaction, data must valid and relevant.
- **Conditional:** Populated according to stated production rules or specified in applicable transaction element sequence description
- **Optional:** populated at participants discretion

Site ID Catalog

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	SID	Mandatory Field – Abbreviation for the transaction name
2	Transaction Date/Time	Date/Time Format	Mandatory Field – Latter of the time the transaction was created or modified
3	MDM ID	MDM ID Format	Mandatory Field – MDM for the site See Appendix A, Table A-6
4	WSP ID	WSP ID Format	Mandatory Field – WSP for the site See Appendix A, Table A-4
5	LSA ID	LSA ID Format	Mandatory Field – Load Settlement Agent for the site See Appendix A, Table A-5
6	Site ID	Site ID Format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12

7	Municipality	Varchar(50)	Mandatory Field – Name of the municipal entity to which MCAF or franchise fees apply for the site
8	Unit Definer	Varchar(15)	Conditional Field – Required if it exists in the distributors service address. Used to define individual units where no unit number exists (I.E. Back or Basement)
9	Unit Number	Varchar(6)	Conditional Field – Required if it exists in the distributors service address Apartment number etc.
10	House Number	Varchar(6)	Conditional Field – Required if it exists in the distributors service address
11	Street Pre-Direction	Varchar(2)	Conditional Field – Required if it exists in the distributors service address Standard direction codes (N, W, SW etc) which appears in front of the street name (I.E. W Georgia ST)
12	Street Name	Varchar(50)	Conditional Field – Required if it exists in the distributors service address If the street name is a number, include the digit, not the spelled out name.
13	Street Type Code	Varchar(8)	Conditional Field – Required if it exists in the distributors service address Valid Canada Post Codes only.
14	Street Direction	Varchar(2)	Conditional Field – Required if it exists in the distributors service address Standard direction codes (N, W, SW etc) which appears in front of the street name (I.E. Millwoods RD W)
15	City Quadrant	Varchar(2)	Conditional Field – Required if it exists in the distributors service address Standard direction codes (N, W, SW etc) which designate a quadrant in the city

16	City/Town Name	Varchar(30)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Usual name of the City, Town, Village etc.</p>
17	Legal Subdivision Code (LSD)	Varchar(2)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Sections are divided into four quarters or into 16 legal subdivisions. They are number 1 to 16</p>
18	LSD Quadrant	Varchar(1)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>LSD's are into four quadrants. A, B, C and D</p>
19	Quarter Section Code	Varchar(2)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Quadrants divide each section into four pieces; NE, NW, SE, SW. This field may optionally be used for RL – River Lot or SL – Settlement Lot or SV – Summer Village</p>
20	Lot	Varchar(6)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>A lot number to identify a lot within a Quarter Section Code (of RL/SL/SV)</p>
21	Section	Varchar(2)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Sections are divided into four quarters or into sixteen legal subdivisions. They are numbered 1 to 36</p>
22	Township	Number(3)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Townships are numbered from south to north starting at the US border. They are numbered 1 to 129 and 141. Each township is 6 miles (10 KM) wide</p>
23	Range	Number(2)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Ranges are numbered from east to west starting from each</p>

			meridian. They are number 1 to 34. Each range is 6 miles (10 KM) wide.
24	Meridian	Varchar(1)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>A Meridian defines a block of land between an east and west boundary. For Alberta, the meridian is 4,5 6 with 4 being the Saskatchewan border, 5 running just east of the Calgary International Airport and 6 being just east of Jasper. The 'W' is implied</p>
25	Rural House Number	Varchar(4)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>A house number. This is sometimes used in First Nations Reserves to identify unique residences within the rural scheme.</p>
26	Lot	Varchar(6)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Defines a lot within a city block</p>
27	Lot Range ID	Varchar(5)	<p>Conditional Field – Required if it exists in the distributors service address</p>
28	Block	Varchar(5)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>Defines a city block within a plan</p>
29	Government Plan ID	Varchar(8)	<p>Conditional Field – Required if it exists in the distributors service address</p> <p>For urban areas, a plan defines an area within a city, usually a community</p>
30	Area Name	Varchar(20)	<p>Optional Field - populated at participants discretion</p> <p>Oilfield name, subdivision name etc.</p>
31	Cluster Correlation Key	Number(6)	<p>Optional Field - populated at participants discretion</p> <p>Identifies a grouping of sites which are normally handled</p>

			jointly as regards to enrollment
32	Unformatted Address	Varchar(65)	Optional Field - populated at participants discretion Address information that does not fit Canada Post standard rules.
33	Site Reference	Varchar(50)	Optional Field - populated at participants discretion. Supporting helpful information
34	Micro Generator Indicator	Char(1)	Mandatory Field – Y = Micro generator is commissioned. N = micro generator is decommissioned or does not exist
35	Tariff Rate Code	Varchar(20)	Mandatory Field – Wire Owners tariff rate code for the site

DIM Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	DIM	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	MDM ID	MDM ID format	Mandatory Field – Sender (MDM responsible to read the meter) See Appendix A, Table A-6
4	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
5	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
6	LSA ID	LSA ID format	Mandatory Field – Sender (MDM responsible to read the meter)

			See Appendix A, Table A-5
7	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
8	Socket ID	Socket ID format	Optional Field - populated at participants discretion See section 9.4.6.13
9	Load Research Flag	Char(1)	Mandatory Field – A Yes (Y) or No (N) flag noting a customer in the load research sample
10	Profiling Class	Varchar(20)	Mandatory Field – The customers load profiling class
11	kW	Number(10,4)	Mandatory Field – Kilowatt demand for the interval period
12	kWh	Number(10,4)	Mandatory Field – Kilowatt hour consumption for the interval period
13	kVA	Number(10,4)	Mandatory Field – Kilovolt-Ampere (Demand) for the interval period
14	kVAh	Number(10,4)	Mandatory Field – Kilovolt-Ampere hour (Consumption) for the interval period
15	kVAR	Number(10,4)	Mandatory Field – Kilovolt-Ampere Reactive (Demand) for the interval period
16	kVARh	Number(10,4)	Mandatory Field – Kilovolt-Ampere Reactive hour (Consumption) for the interval period
17	Datetime	Datetime format	Mandatory Field – END date and time for the reading
18	Interval Period	Number (4)	Mandatory Field – Number of minutes between readings
19	Hour Ending	Char (3)	Mandatory Field – The ending hour of the interval period. The third character is only for an asterisk as described section 9.4.6.3 (2b)
20	Demand Status (KW)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter

			ES – Estimated
21	Consumption Status (kWh)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
22	Demand Status (kVA)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
23	Demand Status (kVAh)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
24	Demand Status (kVAR)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
25	Demand Status (kVARh)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
26	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.

GIM Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction	GIM	Mandatory Field – Abbreviation of the transaction name

	Abbreviation		
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	MDM ID	MDM ID format	Mandatory Field – Sender (MDM responsible to read the meter) See Appendix A, Table A-6
4	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
5	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
6	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
7	Socket ID	Socket ID format	Optional Field - populated at participants discretion See section 9.4.6.13
8	Asset ID	Varchar (10)	Mandatory Field – Identifier assigned by the AESO to the micro-generator
9	kW	Number (10,4)	Mandatory Field – Kilowatt demand supplied out of the site for the interval period
10	kWh	Number (10,4)	Mandatory Field – Kilowatt hour energy supplied out of the site for the interval period
11	Datetime	Datetime format	Mandatory Field – END date and time for the reading
12	Interval Period	Number (4)	Mandatory Field – Number of minutes between readings
13	Hour Ending	Char (3)	Mandatory Field – The ending hour of the interval period. The third character is only for an asterisk as described section 9.4.6.3 (2b)
14	Demand Status (KW)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter

			ES – Estimated
15	Energy Status (kWh)	Char (2)	Mandatory Field – Describes the type of meter reading ME – Actual from meter ES – Estimated
16	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.

DCM Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	DCM	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	MDM ID	MDM ID format	Mandatory Field – Sender (MDM responsible to read the meter) See Appendix A, Table A-6
4	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)

5	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
6	LSA ID	LSA ID format	Mandatory Field – Recipient (LSA responsible to settle the load within the zone) See Appendix A, Table A-5
7	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
8	Socket ID	Socket ID format	Optional Field - populated at participants discretion. See section 9.4.6.13
9	Meter Number	Varchar (20)	Conditional Field – If the site has a cumulative meter this field is mandatory. If the site is unmetered this field is null
10	kWh	Number (12,4)	Mandatory Field – Kilowatt hour consumption for period
11	Max kVA	Number (8,2)	Conditional Field – if meter installed is a demand meter that records demand in kVA this field is Mandatory. Demand in Kilovolt Amps for period
12	Max kW	Number (8,2)	Conditional Field – if meter installed is a demand meter that records demand in kW this field is Mandatory. Demand in Kilowatts for period
13	Last Reading Date Time	Datetime format	Mandatory Field – Date and time of the last reading
14	Current Reading Date Time	Datetime format	Mandatory Field – date and time of the current reading
15	Last Meter Dial Reading	Number (10)	Conditional Field – If the site has a cumulative meter this field is mandatory. If the site is unmetered this field is null
16	Current Meter Dial Reading	Number (10)	Conditional Field – If the site has a cumulative meter this field is mandatory. If the site is unmetered this field is null
17	Max Reading	Number (5)	Conditional Field – if meter installed is a demand meter that records demand in KW this field is Mandatory.

	(Watt)		Used to derive the demand in kW. For example, if max reading = 100 and the multiplier = 200 $kW = (100 \times 200)/1000$ $kW = 20$
18	Max Reading (Voltamp)	Number (5)	Conditional Field – if meter installed is a demand meter that records demand in kVA this field is Mandatory. Used to derive the demand in kVA. For example, if max reading = 100 and the multiplier = 200 $kVA = (100 \times 200)/1000$ $kVA = 20$
19	Meter Multiplier	Number (14,9)	Conditional Field – If the site has a cumulative meter this field is mandatory. If the site is unmetered this field is null
20	Consumption Status (kWh)	Char (2)	Mandatory Field – Describes the type of meter reading. Refer to DCM status flags table A-8 in Appendix A
21	Demand Status (kVA)	Char (2)	Conditional Field – if meter installed is a demand meter that records demand in kVA this field is Mandatory. Describes the type of meter reading. Refer to DCM status flags table A-8 in Appendix A
22	Demand Status (kW)	Char (2)	Conditional Field – if meter installed is a demand meter that records demand in kW this field is Mandatory. Describes the type of meter reading. Refer to DCM status flags table A-8 in Appendix A
23	Record Status	Char (2)	Conditional Field – if the meter reading is being cancelled this field become Mandatory. CA – Cancelled. This code indicates that the receiver should cancel their version of this exact record. Sending this record eliminates confusion of the records purpose; especially when the replacement record may not cover the same period as this cancelled record.
24	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using

			transaction status codes, the codes in Appendix A must be used.
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GCM Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	GCM	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	MDM ID	MDM ID format	Mandatory Field – Sender (MDM responsible to read the meter) See Appendix A, Table A-6
4	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
5	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
6	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
7	Meter Number	Varchar (20)	Mandatory Field – Meter number of the meter installed.
8	kWh	Number (12,4)	Mandatory Field – Kilowatt hour consumption for period
9	Last Reading Date Time	Datetime format	Mandatory Field – Date and time of the last reading
10	Current Reading Date Time	Datetime format	Mandatory Field – date and time of the current reading

11	Last Meter Dial Reading	Number (10)	Mandatory Field – Last generation dial reading
12	Current Meter Dial Reading	Number (10)	Mandatory Field – Current generation dial reading
13	Meter Multiplier	Number (14,9)	Mandatory Field – Multiplier used to calculate amount of generation
14	Energy Status (kWh)	Char (2)	Mandatory Field – Describes the type of meter reading. Refer to DCM status flags table A-8 in Appendix A
15	Record Status	Char (2)	Conditional Field – if the meter reading is being cancelled this field become Mandatory. CA – Cancelled. This code indicates that the receiver should cancel their version of this exact record. Sending this record eliminates confusion of the records purpose; especially when the replacement record may not cover the same period as this cancelled record.
16	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.

WSI Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	WSI	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified

3	LSA ID	LSA ID format	Mandatory Field – Sender (LSA responsible to settle the load within the zone) See Appendix A, Table A-5
4	ISO Financial ID	ISO Financial ID Format	Mandatory Field – Recipient (ISO Financial ID 3000)
5	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
6	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
7	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being settled) See Appendix A, Table A-7
8	WSP ID	WSP ID Format	Mandatory Field – Recipient (WSP responsible for the site) See Appendix A, Table A-4
9	Settlement Run Date Time	Date Time Format	Mandatory Field – Date and time settlement was initiated. This date does not indicate which data was used by the settlement run
10	Settlement as at Date Time	Date Time Format	Mandatory Field – Date and time all data used by this settlement run was in the settlement system. Supports reproducibility of settlement at a later time than the 'original' settlement run. This allows the same data to be used regardless of how many times a run is performed.
11	Settlement Type	Char (1)	Mandatory Field – 'I', 'M', 'R', 'F' for Daily, Monthly, Interim or Final respectively
12	Profile Freeze Cutoff Date	Date Time Format	Mandatory Field – Date/Time specifying the last point at which data is included for profile generation
13	Settlement Interval Ending Time	Datetime format	Mandatory Field – Date and time of the interval the settlement data is for

14	Interval Period	Number (4)	Mandatory Field – Number of minutes in the interval period – 60 is the current standard
15	Settlement Hour Ending	Char (3)	Mandatory Field – See definition. Third character is to be used for asterisk as described in section 9.4.6.3 (2b)
16	Retailer Total Usage (kWh)	Number (12,4)	Mandatory Field – Total of the consumption for all of the retailer's sites
17	Retailer Loss Total (kWh)	Number (12,4)	Mandatory Field – Total of the losses allocated to all of the retailer's sites
18	Retailer UFE Total (kWh)	Number (12,4)	Mandatory Field – Total of the UFE allocated to all of the retailer's sites
19	Retailer Energy Grand Total (MWh)	Number (12,7)	Mandatory Field – Total of the consumption, line loss and UFE for the retailer in MWh for the ISO
20	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.

SSI Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	SSI	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	LSA ID	LSA ID format	Mandatory Field – Sender (LSA responsible to settle the

			load within the zone) See Appendix A, Table A-5
4	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being settled) See Appendix A, Table A-7
5	Settlement Run Date Time	Date Time Format	Mandatory Field – Date and time settlement was initiated. This date does not indicate which data was used by the settlement run
6	Settlement as at Date Time	Date Time Format	Mandatory Field – Date and time all data used by this settlement run was in the settlement system. Supports reproducibility of settlement at a later time than the ‘original’ settlement run. This allows the same data to be used regardless of how many times a run is performed.
7	Settlement Type	Char (1)	Mandatory Field – ‘I’, ‘M’, ‘R’, ‘F’ for Daily, Monthly, Interim or Final respectively
8	Profile Freeze Cutoff Date	Date Time Format	Mandatory Field – Date/Time specifying the last point at which data is included for profile generation
9	Settlement Interval Ending Time	Datetime format	Mandatory Field – Date and time of the interval the settlement data is for
10	Interval Period	Number (4)	Mandatory Field – Number of minutes in the interval period – 60 is the current standard
11	Settlement Hour Ending	Char (3)	Mandatory Field – See definition. Third character is to be used for asterisk as described in section 9.4.6.3 (2b)
12	Zone POD Load Total (kWh)	Number (12,4)	Mandatory Field – Total of the consumption for the settlement zone. (Sum of the POD Loads)
13	Zone Retailer Load Total (kWh)	Number (12,4)	Mandatory Field – Sum of retailer allocated loads, excluding losses and UFE
14	Zone Loss	Number (12,4)	Mandatory Field – Total of loss allocations to retailers for

	Total (kWh)		the settlement zone
15	Zone UFE Total (kWh)	Number (12,4)	Mandatory Field – Total of Unaccounted For Energy (UFE) allocations to retailers for the settlement zone
16	Zone Loss Percent of Retailer Load	Number (6,4)	Mandatory Field – Zone loss as a percent of zone retailer allocated load less load with no associated loss
17	Zone UFE Percent of Retailer Load	Number (6,4)	Mandatory Field – Zone UFE as a percent of zone retailer allocated load less direct connect load
18	Zone Reconciliation Error (kWh)	Signed Number (12,4)	Mandatory Field – Zone POD Load Total – (Zone Retailer Load Total + Zone Loss Total + Zone UFE Total). This should be zero except for rounding error.

SPI Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	SPI	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	LSA ID	LSA ID format	Mandatory Field – Sender (LSA responsible to settle the load within the zone) See Appendix A, Table A-5
4	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being settled) See Appendix A, Table A-7
5	Settlement Run Date Time	Date Time Format	Mandatory Field – Date and time settlement was initiated. This date does not indicate which data was used by the settlement run
6	Settlement as at Date Time	Date Time Format	Mandatory Field – As at date and time of the settlement run that used the profiles. Identifies the settlement these profiles are for.

7	Settlement Type	Char (1)	Mandatory Field – ‘I’, ‘M’, ‘R’, ‘F’ for Daily, Monthly, Interim or Final respectively
8	Profile Type	Varchar (20)	Mandatory Field – Type of profile (I.E. NSLS, Sample)
9	Profiling Class	Varchar (20)	Mandatory Field – Profiling class, if for specific class
10	Settlement Interval Ending Time	Datetime format	Mandatory Field – Date and time of the interval the settlement data is for
11	Interval Period	Number (4)	Mandatory Field – Number of minutes in the interval period – 60 is the current standard
12	Settlement Hour Ending	Char (3)	Mandatory Field – See definition. Third character is to be used for asterisk as described in section 9.4.6.3 (2b)
13	Profile Create Date	Datetime format	Mandatory Field – Date/time the profile was created for this hour. It is equal to the Settlement As At Date/Time if profile freezing is not in effect. If profile freezing is in effect it is equal to a date earlier than or equal to the Settlement As At Date/Time
14	Hourly Value (kWh)	Number (12,4)	Mandatory Field – Value of the energy used for this profiling class, or a number for an average site of this profiling class, as long as it is consistent from day to day for the LSA.

DSM Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	DSM	Mandatory Field – Abbreviation of the transaction name
2	Data Type	Char (3)	Mandatory Field – Metering data transaction type. Format: GEN: Transmission Generation – generation connected to the transmission system Distributed Generation – generation connected to the

			<p>distribution system</p> <p>Isolated Generation – generation providing energy to isolated communities that are not connected to the AIES</p> <p>Border Supply – energy supplied by an extra-provincial supplier to customers in Alberta not connected to the AIES EDG:</p> <p>Reversing Loads – energy flow from the distribution system into the transmission system</p> <p>LOD:</p> <p>Transmission Loads - points of delivery to the distribution system from the transmission system</p> <p>Isolated Loads - points of delivery to isolated communities from isolated generation</p> <p>IMP:</p> <p>Provincial Imports - energy supplied by an extra-provincial transmission system to the AIES</p> <p>Zone Imports – energy that is transferred into one load settlement zone from another load settlement zone</p> <p>POT:</p> <p>Duplication Avoidance Transfers – energy that is transferred between customer generation and load facilities, wheeled across the AIES.</p> <p>Example: GEN</p>
3	Data Date	Number (8)	<p>Mandatory Field –</p> <p>Description: Date of energy flow of metering data</p> <p>Format: YYYYMMDD</p> <p>Example: 20101027 = October 27, 2010</p>
4	Data Hour	Number (2)	<p>Mandatory Field –</p> <p>Description: Hour of energy flow of metering data</p> <p>Format: HH where HH is hour ending: 01 to 25 for the day of the Fall time change 01 to 23 for the day of the Spring time change 01 to 24 for all other days</p> <p>Example: 01 = 00:00 to 01:00</p>
5	Data Interval	Date Time Format	<p>Mandatory Field –</p> <p>Description: Interval of energy flow of metering data</p> <p>Format: ii where ii is interval ending 01 to 04</p> <p>Examples: 01 = XX:00 to XX:15, 03 = XX:30 to XX:45</p>

6	Measurement Point ID	Char (10)	Mandatory Field – Description: Measurement Point Identifier as assigned in advance by the ISO Format: Alphanumeric characters Examples: RD14S, S07, 366S001, 000021401, ADEC...
7	MWh	Number (12,7)	Mandatory Field – Description: Net active energy transferred in the interval Format: XXXXX.XXXXXXX (signed values only) Examples: 22222.1234567, 48.3
8	MWh Source	Char (1)	Mandatory Field – Description: Net active energy source flag Format: M = Metered, E = Estimated Example: M
9	MVARh	Number (12,7)	Mandatory Field – Description: Net reactive energy transferred in the interval Format: XXXXX.XXXXXXX (signed values only) Examples: -22222.1234567, 19.4
10	MVARh Source	Char (1)	Mandatory Field – Description: Net reactive energy source flag Format: M = Metered, E = Estimated Example: E

WSS Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	WSS	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	LSA ID	LSA ID	Mandatory Field – Sender (LSA responsible to settle the

		format	load within the zone) See Appendix A, Table A-5
4	ISO Financial ID	ISO Financial ID Format	Mandatory Field – Recipient (ISO Financial ID 3000)
5	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
6	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
7	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being settled) See Appendix A, Table A-7
8	Settlement Type	Char (1)	Mandatory Field – ‘M’, ‘R’, ‘F’ for Monthly, Interim or Final respectively
9	Settlement Month	YYYYMM	Mandatory Field – Year and month of the settlement data being summarized
10	Retailer Usage Total (kWh)	Number (17,4)	Mandatory Field – Total of the consumption for all of the retailer’s sites in the month
11	Retailer Loss Total (kWh)	Number (17,4)	Mandatory Field – Total of the losses allocated to all of the retailer’s sites in the month
12	Retailer UFE Total (kWh)	Number (17,4)	Mandatory Field – Total of the UFE allocated to all of the retailer’s sites in the month
13	Retailer Energy Grand Total (MWh)	Number (17,7)	Mandatory Field – Total of the consumption, line loss and UFE for the retailer sites in the month
14	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C’s. When using transaction status codes, the codes in Appendix A must be

			used.
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WSD Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	WSD	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	LSA ID	LSA ID format	Mandatory Field – Sender (LSA responsible to settle the load within the zone) See Appendix A, Table A-5
4	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
5	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
6	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
7	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being settled) See Appendix A, Table A-7
8	Settlement Run Date Time	Date Time Format	Mandatory Field – Date and time settlement was initiated. This date does not indicate which data was used by the settlement run
9	Settlement as at Date Time	Date Time Format	Mandatory Field – Date and time all data used by this settlement run was in the settlement system. Supports reproducibility of settlement at a later time than the original settlement run. This allows the same data to be used regardless of how many times a run is executed.

10	Settlement Type	Char (1)	Mandatory Field – 'I', 'M', 'R', 'F' for Daily, Monthly, Interim or Final respectively
11	Profile Freeze Cutoff Date	Date Time Format	Mandatory Field – Date/Time specifying the last point at which data is included for profile generation
12	Settlement Date	Char (8)	Mandatory Field – The effective of power flow and site characteristics that the transaction is for.
13	Profiling Class	Varchar (20)	Mandatory Field – The site's load profiling class
14	Loss Group Code	Varchar (10)	Mandatory Field – The site's loss group code
15	Unmetered Indicator	Char (1)	Conditional Field – if the site is unmetered than this field is mandatory and the value must equal 'U'. If the site is metered than this field is blank
16	Daily Site Usage (kWh)	Number (12,4)	Mandatory Field – Settled kilowatt hour consumption for the site for the day (before loss and UFE allocation)
17	Result Source	Char (1)	Mandatory Field – Daily site usage kWh was calculated using: M – DIM or DCM containing any hour of settlement data E – LSA generated consumption estimate
18	Daily Site Loss (kWh)	Number (12,4)	Mandatory Field – Settled loss allocation for the site for the day
19	Daily Site UFE (kWh)	Number (12,4)	Mandatory Field – Settled UFE allocation for the site for the day
20	Weather Station Identifier	Varchar (20)	Optional Field for Electric Distributors - populated at participants discretion Mandatory Field for Gas Distributors – Weather station identifier for site
21	Estimation Methodology	Char (1)	Mandatory Field – Reference code to estimation methodology used by the LSA to create consumption estimate for this site. Examples of estimation are to be made

			public. Values are: U – Usage Factor A – Average Daily Usage
22	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.

WCI Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	WCI	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	LSA ID	LSA ID format	Mandatory Field – Sender (LSA responsible to settle the load within the zone) See Appendix A, Table A-5
4	ISO Financial ID	ISO Financial ID Format	Mandatory Field – Recipient (ISO Financial ID 3000)
5	Retailer ID	Retailer ID format	Mandatory Field – Recipient (Retailer currently associated to the site)
6	Business Function ID	Varchar(2)	Optional Field - populated at participants discretion See Appendix A, Table A-3
7	Zone ID	Zone ID format	Mandatory Field – (Settlement Zone ID where load is being

			settled) See Appendix A, Table A-7
8	WSP ID	WSP ID Format	Mandatory Field – Recipient (WSP responsible for the site) See Appendix A, Table A-4
9	Loss Group Code	Varchar (10)	Mandatory Field – Loss group code
10	Profiling Class	Varchar (20)	Mandatory Field – Load profiling class
11	Settlement Run Date Time	Date Time Format	Mandatory Field – Date and time settlement was initiated. This date does not indicate which data was used by the settlement run
12	Settlement as at Date Time	Date Time Format	Mandatory Field – Date and time all data used by this settlement run was in the settlement system. Supports reproducibility of settlement at a later time than the original settlement run. This allows the same data to be used regardless of how many times a run is performed.
13	Settlement Type	Char (1)	Mandatory Field – ‘M’, ‘R’, ‘F’ for Monthly, Interim or Final respectively
14	Profile Freeze Cutoff Date	Date Time Format	Mandatory Field – Date/Time specifying the last point at which data is included for profile generation
15	Settlement Interval Ending Time	Datetime format	Mandatory Field – Date and time of the interval the settlement data is for
16	Interval Period	Number (4)	Mandatory Field – Number of minutes in the interval period – 60 is the current standard
17	Hour Ending	Char (3)	Mandatory Field – See definition. Third character is to be used for asterisk as described in section 9.4.6.3 (2b)
18	Retailer Usage Total (kWh)	Number (12,4)	Mandatory Field – Total of the consumption for all of the retailer’s sites in the loss group and profile class

19	Retailer Loss Total (kWh)	Number (12,4)	Mandatory Field – Total of the losses allocated to all the retailer’s sites in the loss group and profile class
20	Retailer UFE Total (kWh)	Number (12,4)	Mandatory Field – Total of the UFE allocated to all the retailer’s sites in the loss group and profile class
21	Retailer Energy Grand Total (MWh)	Number (12,7)	Mandatory Field – Total of the consumption, line loss and UFE for the retailer’s sites in the loss group and profile class
22	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C’s. When using transaction status codes, the codes in Appendix A must be used.

SRR Transaction

Sequence	Element	Data Type/Size	Description
1	Transaction Abbreviation	SRR	Mandatory Field – Abbreviation of the transaction name
2	Transaction Date/Time	Date time format	Mandatory Field – Latter of the time the transaction was created or last modified
3	Retailer ID	Retailer ID format	Mandatory Field – Sender
4	Business Function ID	Varchar(2)	Mandatory Field See Appendix A, Table A-3
5	Site ID	Site ID format	Mandatory Field – Unique identifier representing a site. See section 9.4.6.12
6	LSA ID	LSA ID format	Mandatory Field – Recipient

7	Priority Code	Char (1)	Mandatory Field – The only value acceptable is: 1 – Next Day
8	Transaction Status Code	Char (4)	Optional Field - populated at participants discretion Used by the recipient to notify the sender of problems with the transaction. When this field is used it must be dealt with at a minimum, in a manual fashion. The use of this electronic transaction in an automated fashion (in case of problems) is subject to the WO T & C's. When using transaction status codes, the codes in Appendix A must be used.
9	Retailer Account Number	Varchar (30)	Optional Field – Account Number by which a retailer identifies a site.
10	Retailer Reference Number	Varchar (20)	Optional Field – Identification number that allows retailers to track their transactions easily (Unique transaction id)