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Retrospective Update Scenarios

V1 December 2015

Retro Update Scenarios for Meter Removals

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Meter Removals Overview

- Where actual reads are recorded since the requested effective date of the asset removal the request to remove the meter will be rejected
 - except if the read is related to an asset update e.g. meter removal.
- Where the meter is recorded on UKLink, allocation processes will cease on D+3 days from the date of the accepted request to remove the meter
 - Where the update is to amend the effective date or removal read of the meter, allocation processes would have ceased from the original update.
- Reconciliation process will take account of the period from the request acceptance date to D+3 (allocation)
- For Class 1 & 2, if the updates are received within GFD+5 the daily allocations will be re-calculated to zero.

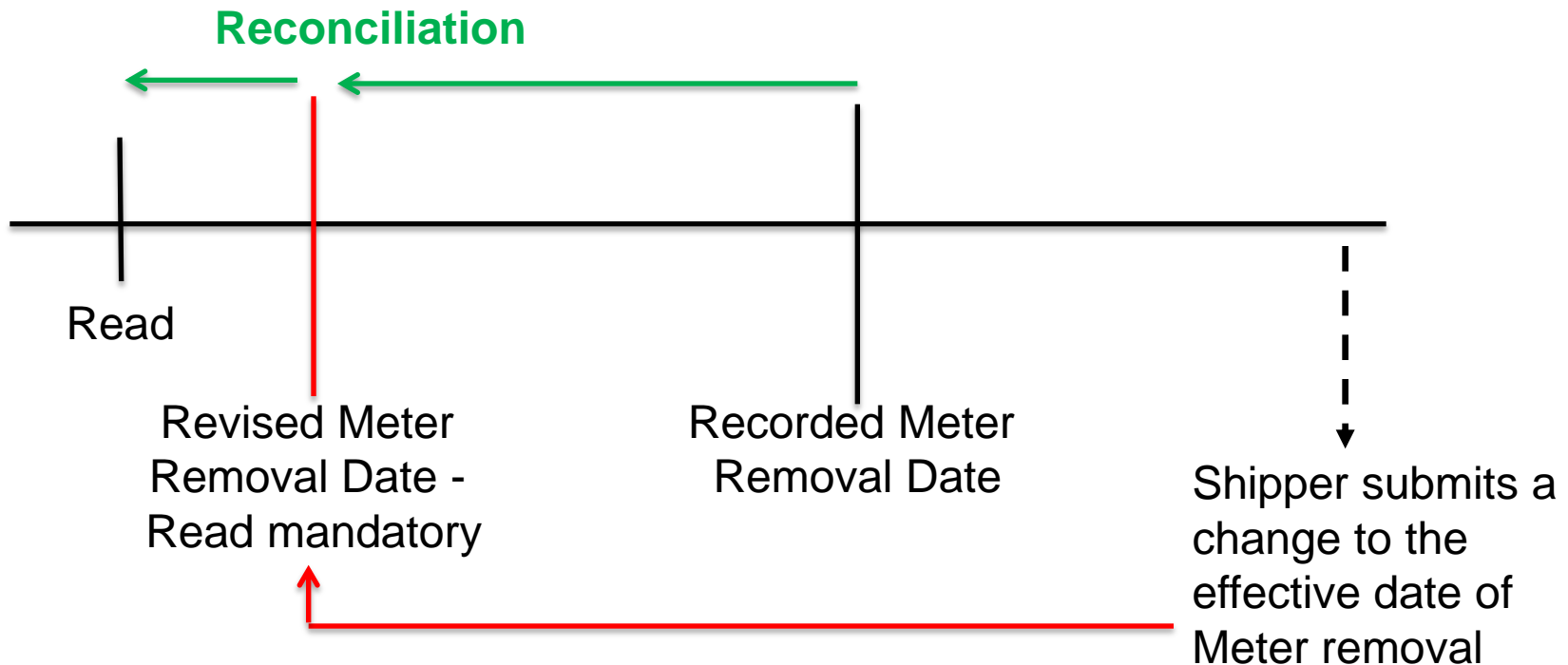
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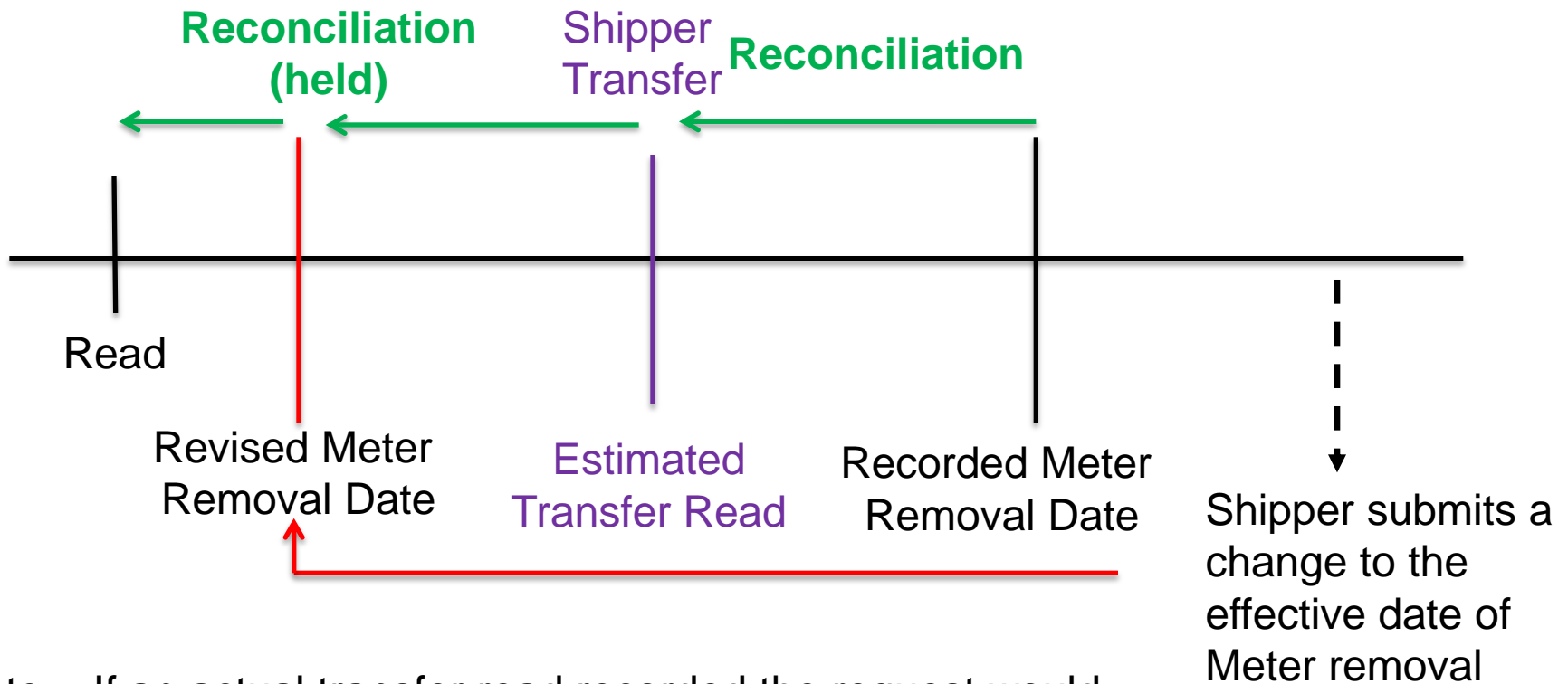
Retrospective Meter Removal

- Request for a change of date to the original meter removal date recorded, no change in Shipper. No reads recorded between revised removal date & original removal date.



Retrospective Meter Removal with Shipper Transfer

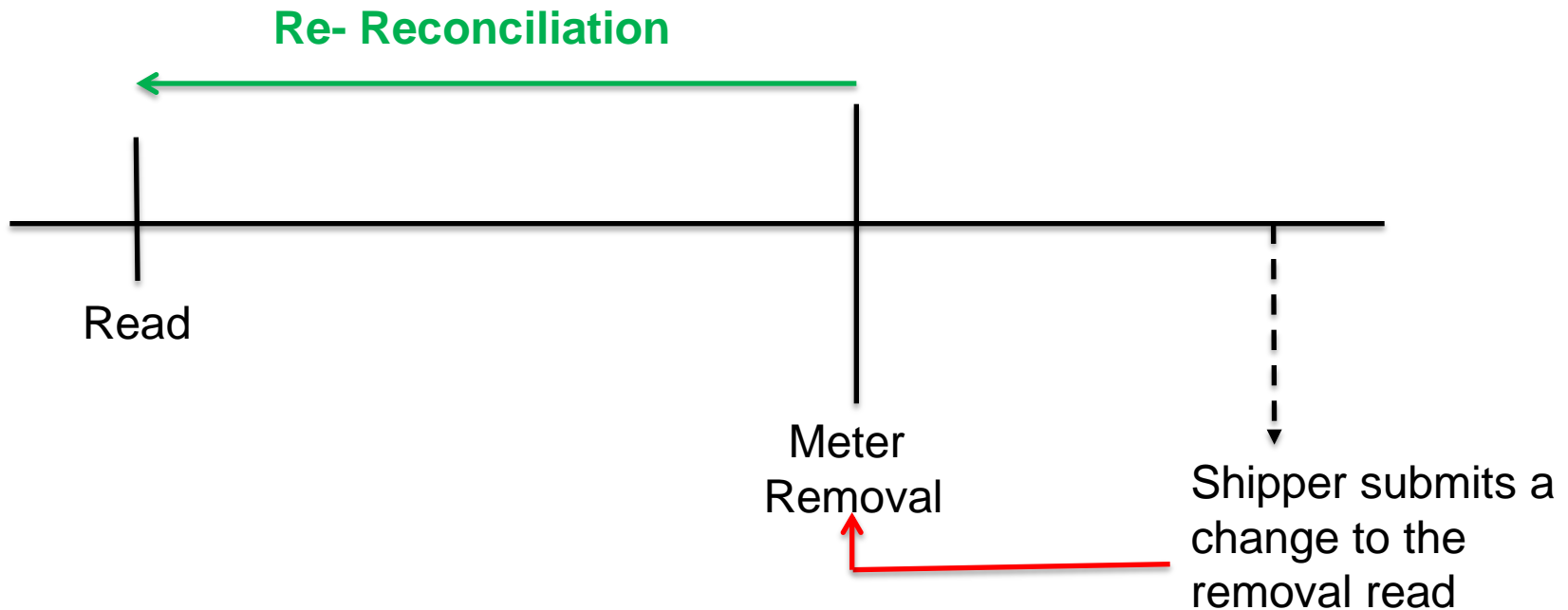
- Request for a change of date to the original meter removal date recorded. No reads recorded between revised removal date & original removal date.



Note: - If an actual transfer read recorded the request would be rejected

Retrospective Meter Removal

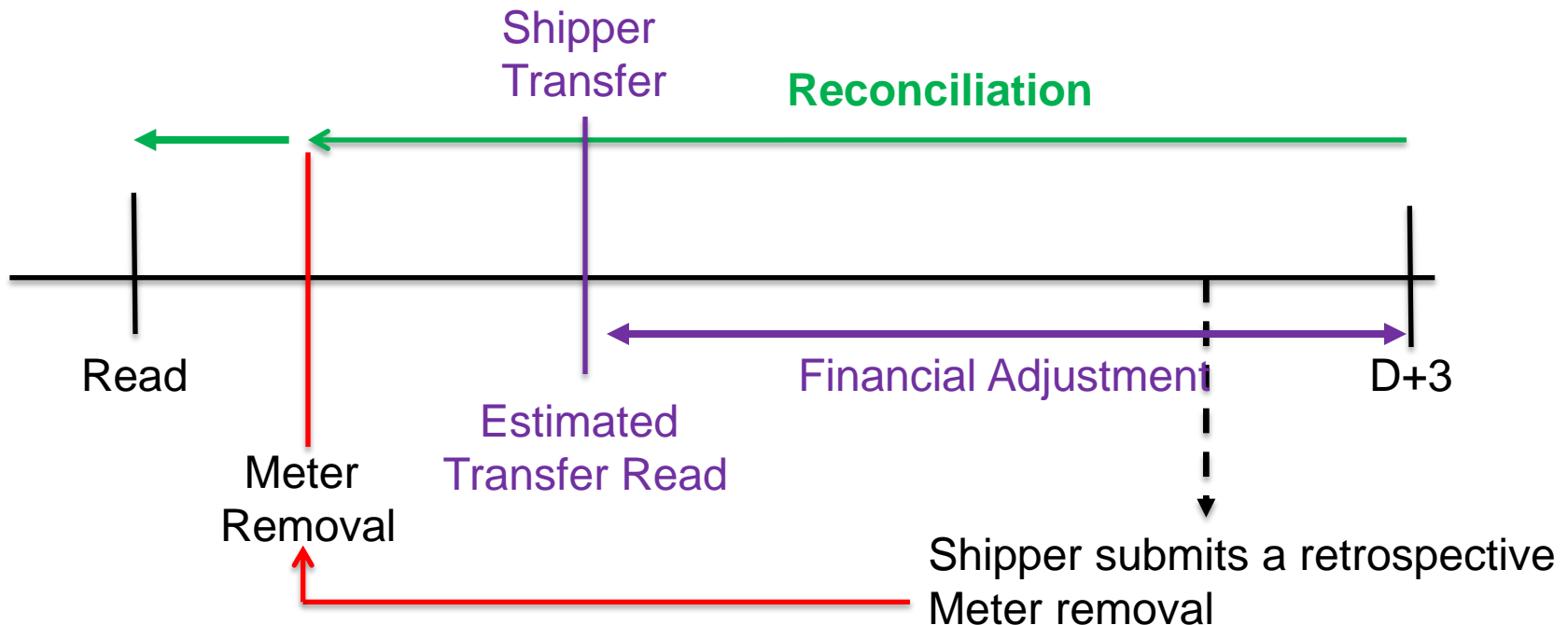
- Request for a change to the removal read of the recorded meter removal details, no change in Shipper.



Note: revised removal read must be equal to or greater than the last recorded actual read

Retrospective Meter Removal

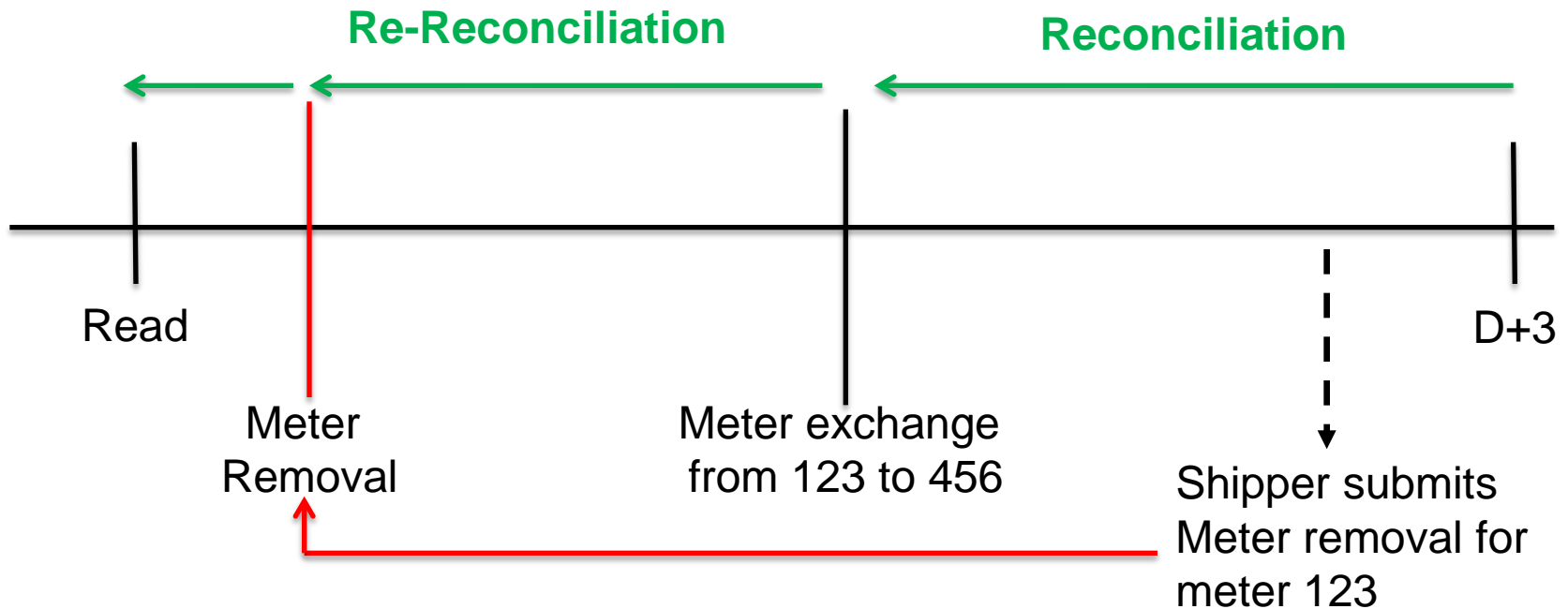
- Request for a retrospective meter removal, change in Shipper, only estimated transfer read recorded.



Note: - If an actual transfer read recorded the request would be rejected
- Previous Shipper will need to request the financial adjustment

Retrospective Meter Removal

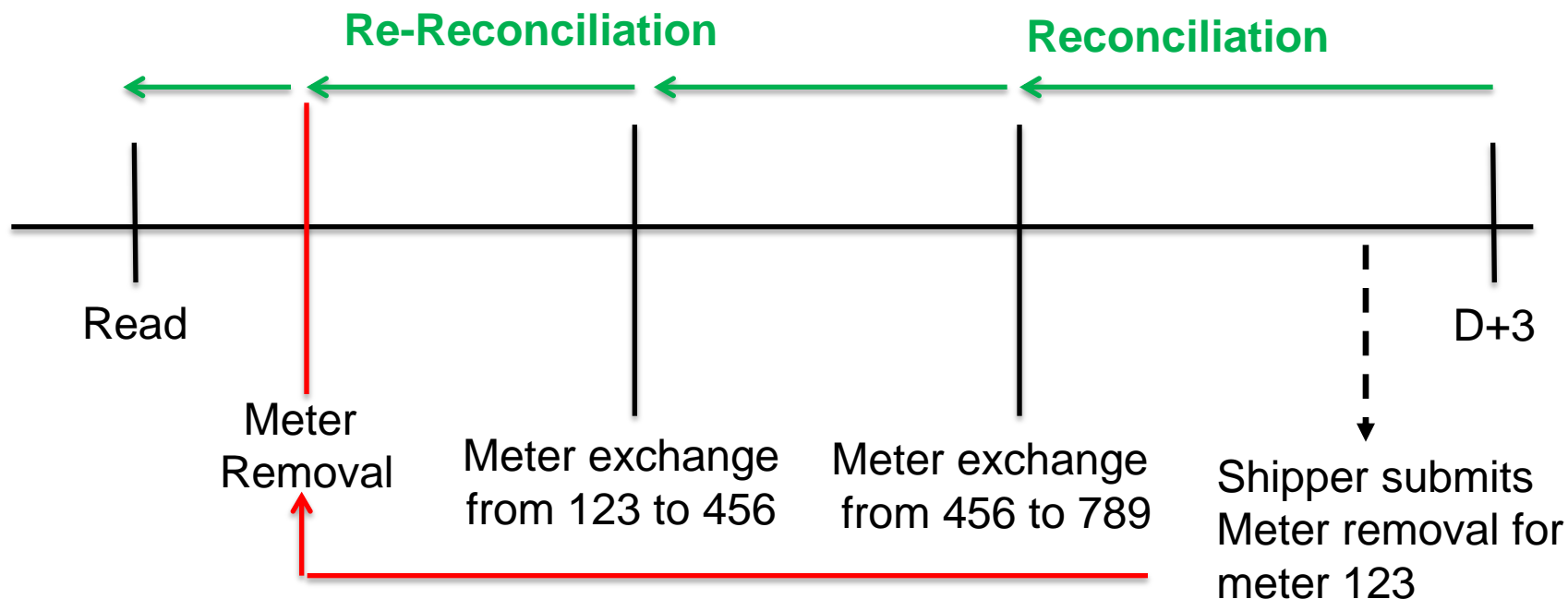
- Request for a meter removal where a meter exchange exists after the requested removal. No reads recorded between removal date & request date.



Note: Meter 456 will no longer be recorded at the meter point.

Retrospective Meter Removal with multiple meter exchanges recorded

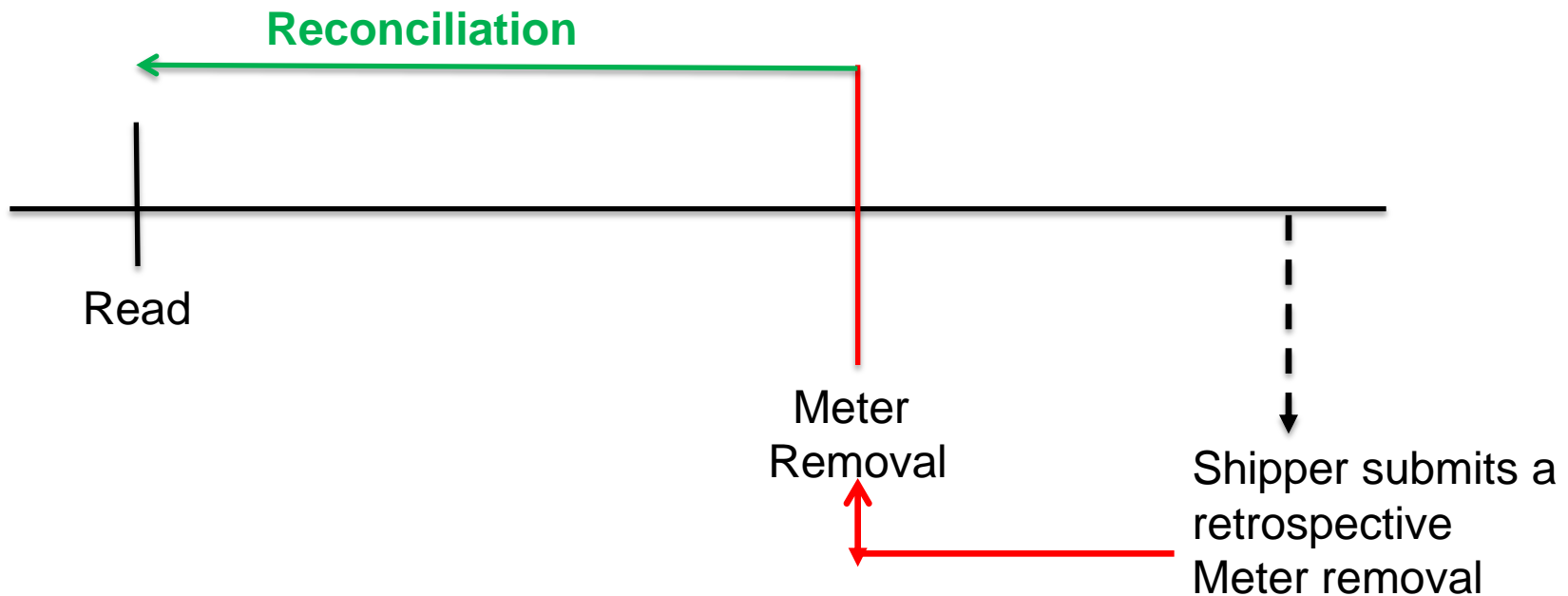
- Request for a meter removal where a meter exchange exists after the requested removal. No reads recorded between removal date & request date.



Note: Both meters 456 and 789 will be removed and no longer recorded against the SMP. If any actual cyclic reads are recorded post the retro removal date the request will be rejected

Retrospective Meter Removal

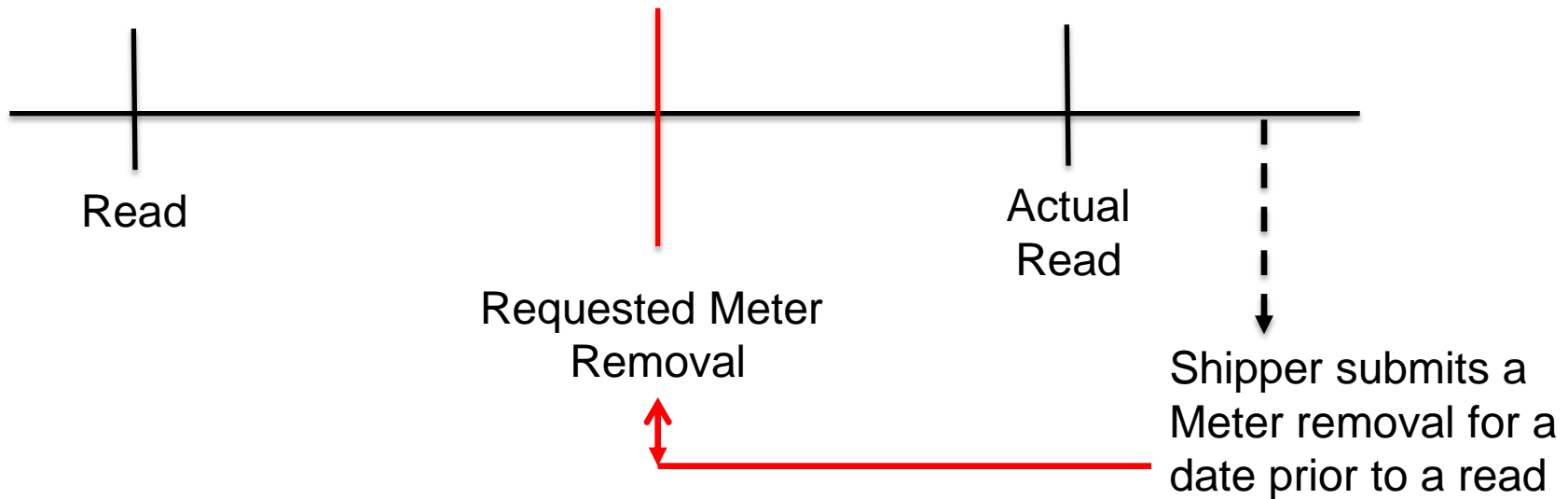
- Request for a retrospective meter removal, no change in Shipper. No reads recorded since the removal date.
- Not a retro update, would **reject** if submitted via Retro file



Note: Request must be submitted via RGMA flows

Retrospective Meter Removal

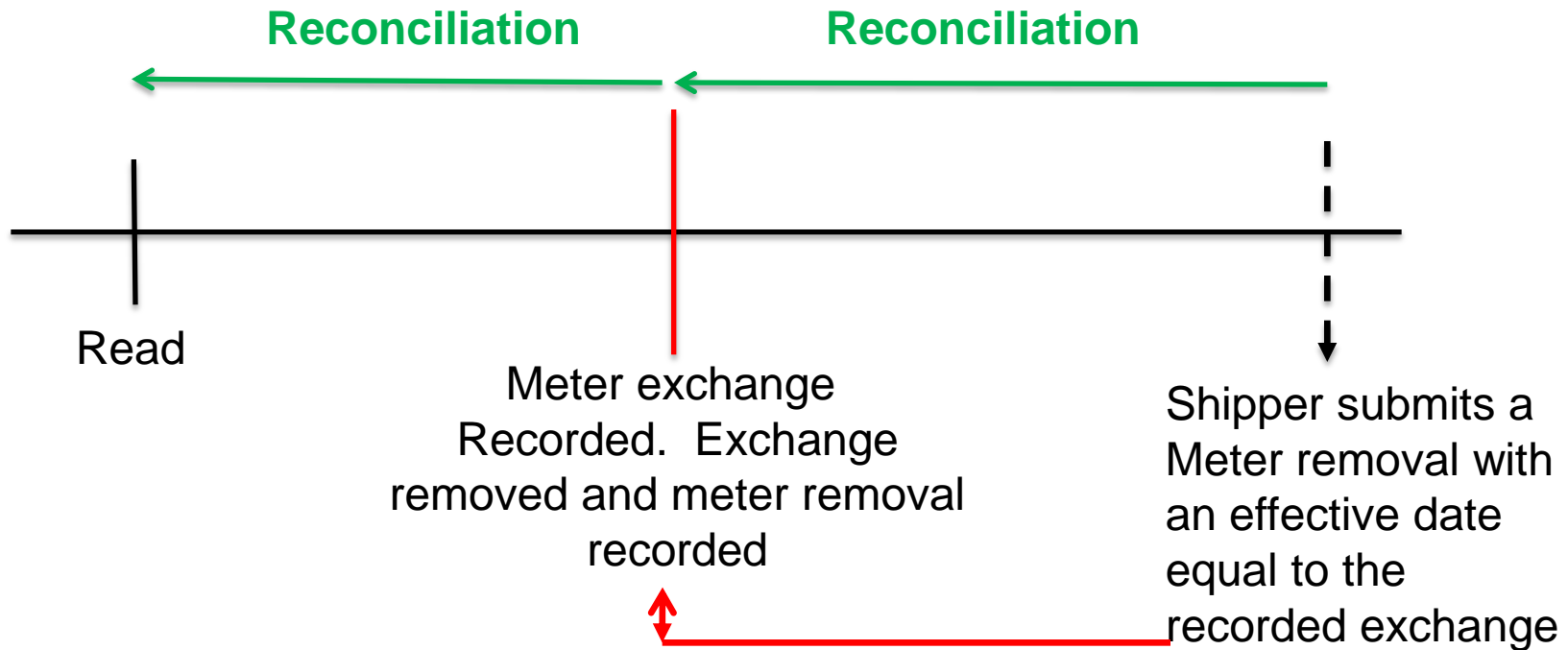
- Request for a retrospective meter removal, no change in Shipper. Reads recorded since the removal date.
- Request would be **rejected** as reads exist after the requested removal date



Note: Removal would need to be submitted for an effective date after the last read recorded

Retrospective Meter Removal

- Request for a retrospective meter removal, where an exchange was previously recorded for the update date.



Note: removal request would be rejected if subsequent actual reads were recorded.

The installed meter as part of the exchange will no longer be recorded

Retro Update Scenarios for Convertor Removals

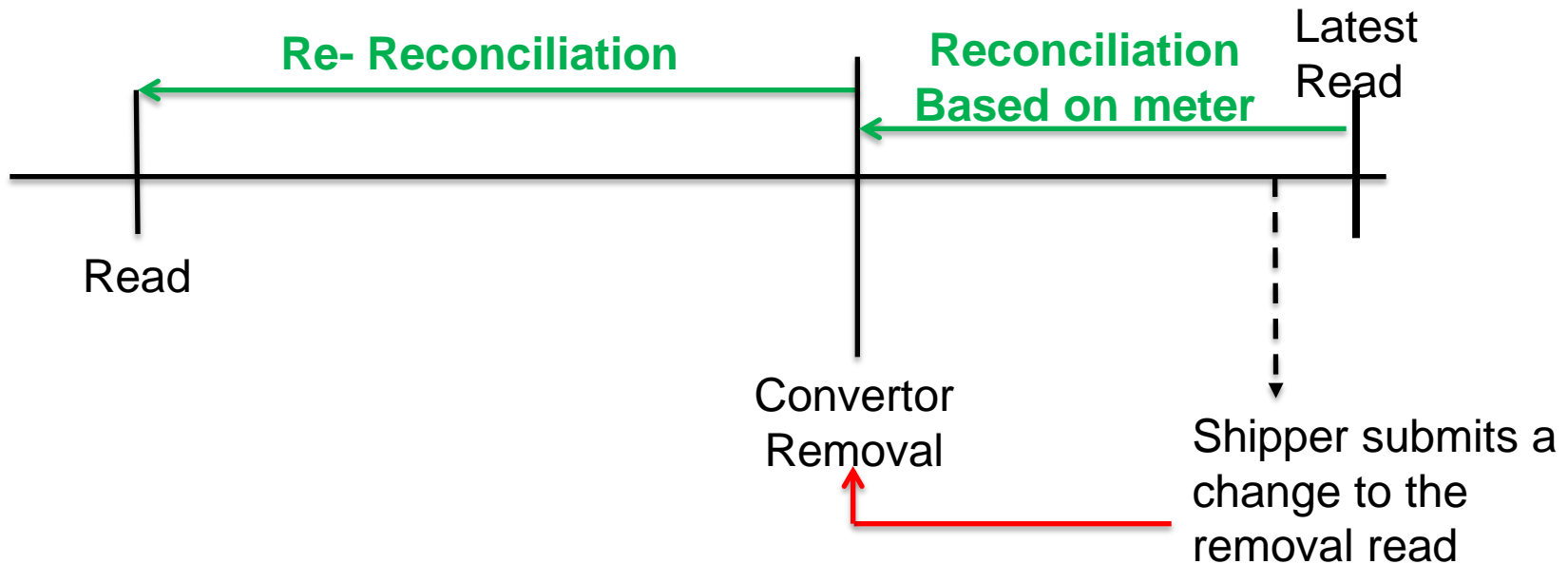
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Retrospective Convertor Removal

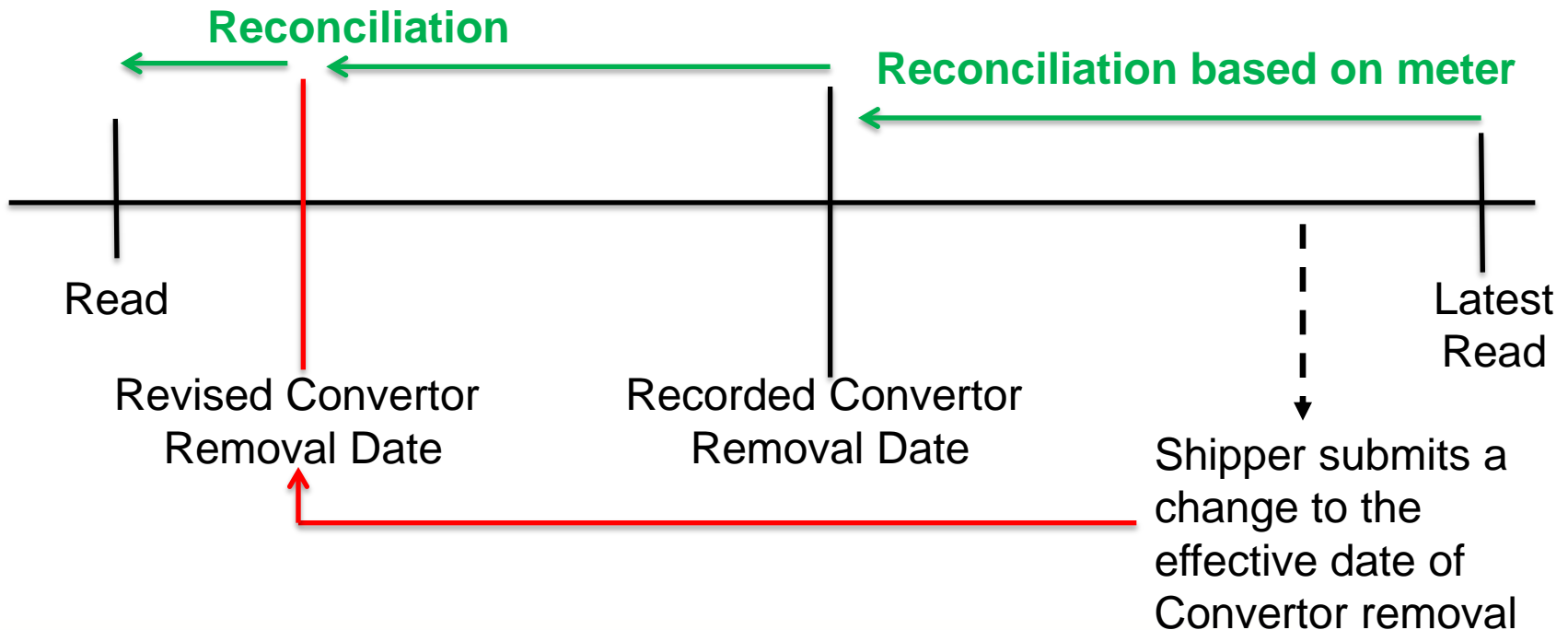
- Request for an update to the removal read of the Convertor, no change in Shipper.
- Shipper must submit a reading from the meter at time of Convertor removal in order for Reconciliation to take place following submission of later reads following the update



Note: revised removal read must be equal to or greater than the last recorded actual read

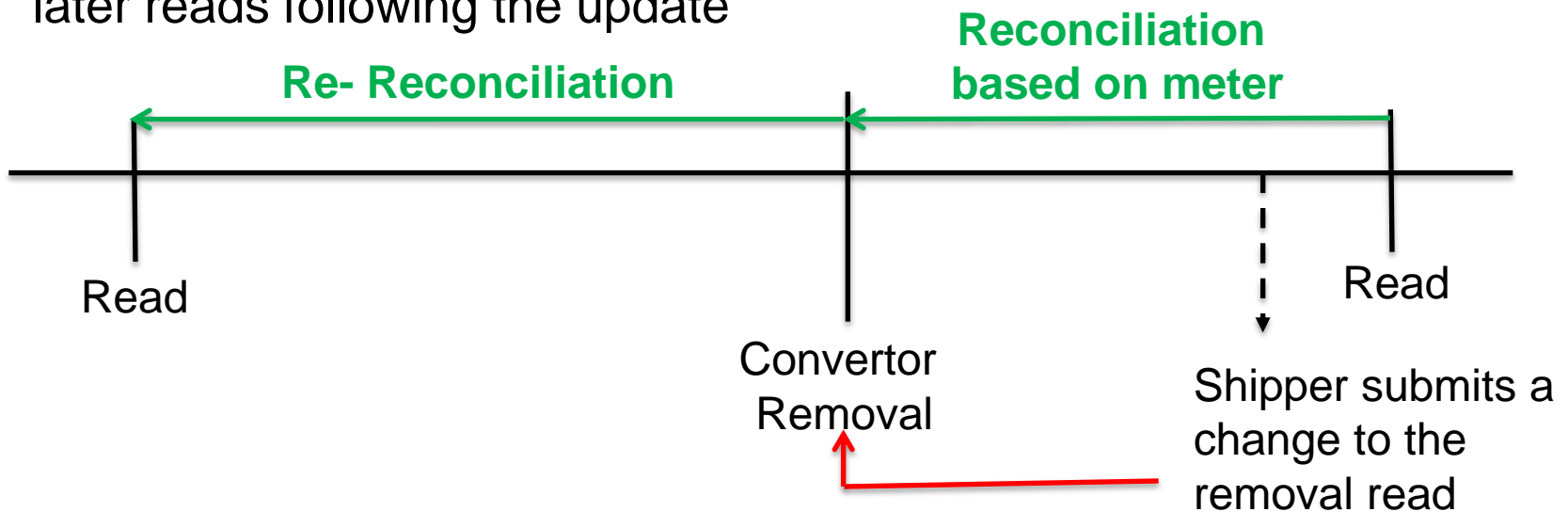
Retrospective Convertor Removal

- Request for a change of date to the original Convertor removal date recorded, no change in Shipper. No reads recorded between revised removal date & original removal date.
- Shipper must submit a reading from the meter at time of Convertor removal in order for Reconciliation to take place following submission of later reads following the update



Retrospective Convertor Removal

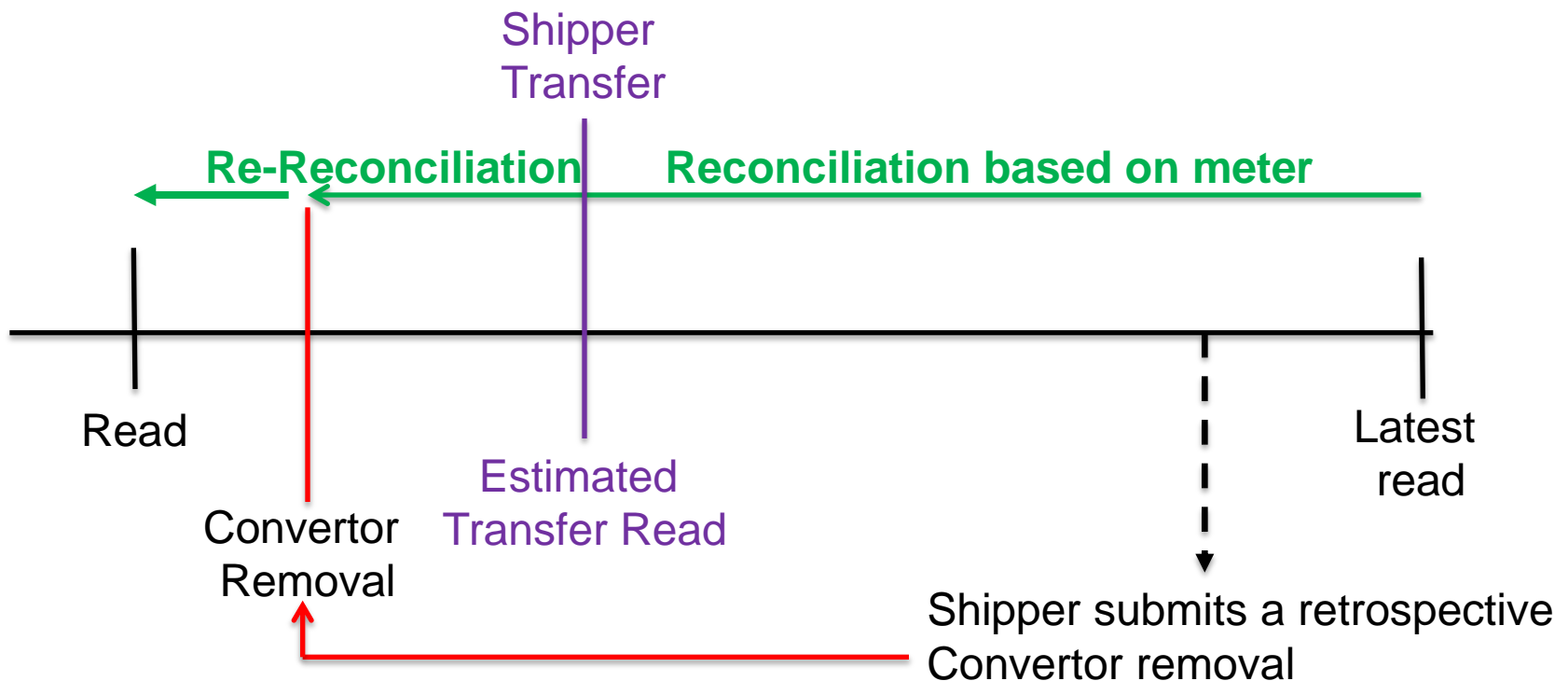
- Request for a change to the removal read of the recorded Convertor removal details, no change in Shipper.
- Meter may still be installed in which case reads from the meter will be submitted & accepted, subject to validation.
- Shipper must submit a reading from the meter at time of Convertor removal in order for Reconciliation to take place following submission of later reads following the update



Note: revised removal read must be equal to or greater than the last recorded actual read

Retrospective Convertor Removal

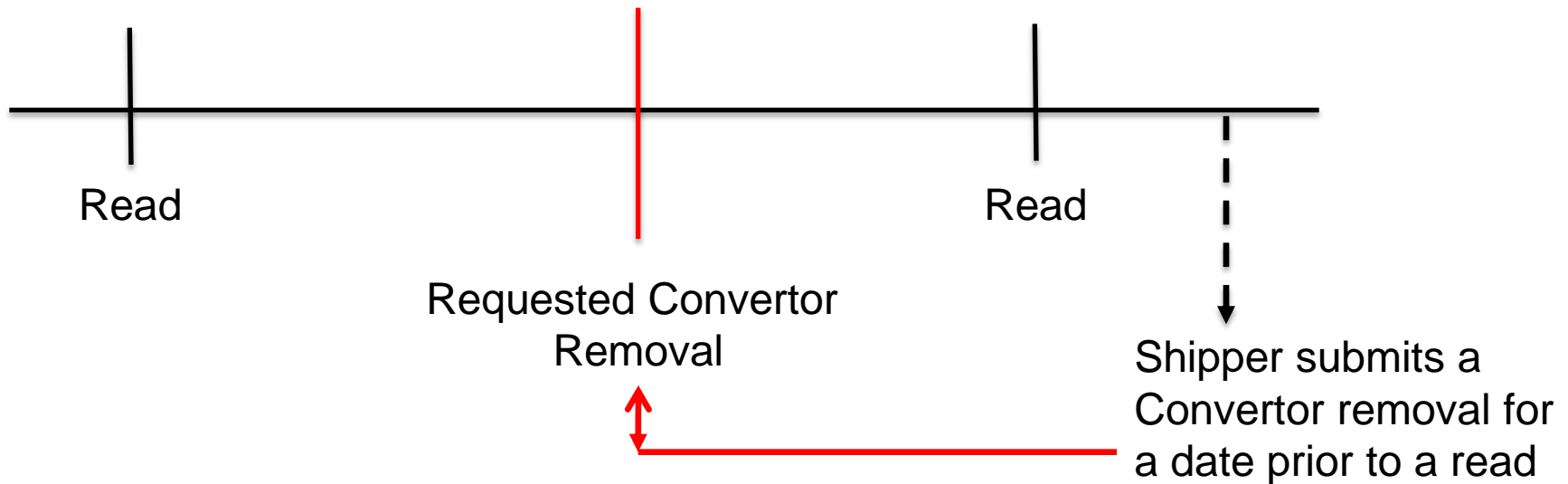
- Request for a retrospective Convertor removal, change in Shipper, only estimated transfer read recorded. User will be required to supply an opening meter reading for the meter in addition to the removal corrected & uncorrected reads



Note: - If an actual transfer read recorded the request would be rejected
- Previous Shipper will need to request the financial adjustment
- the estimated transfer reading will be re-estimated

Retrospective Convertor Removal

- Request for a retrospective Convertor removal, no change in Shipper. Reads recorded since the removal date.
- Request would be **rejected** as reads exist after the requested removal date



Note: Removal would need to be submitted for an effective date after the last read recorded

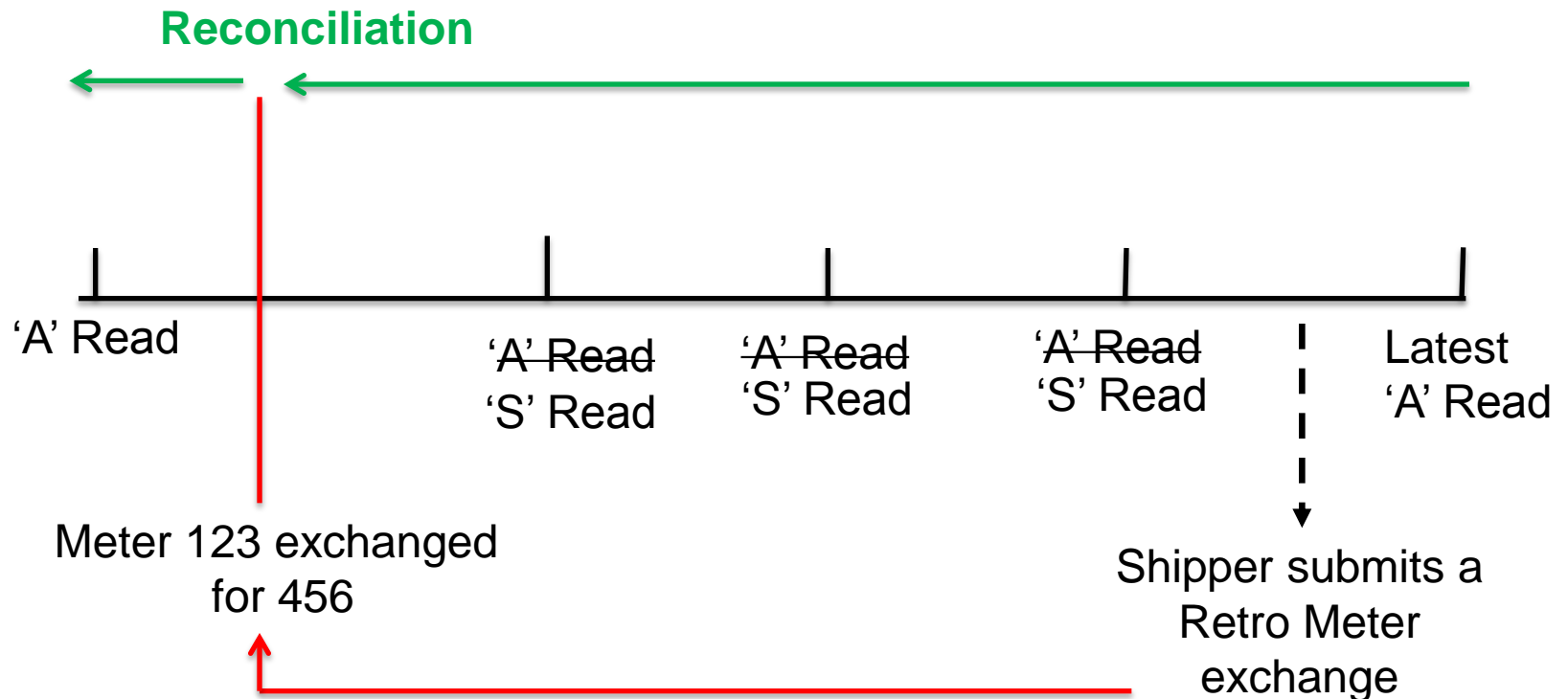
Meter Exchange Overview

- Meter removal reads will be subject to full read validations. Only the 'Outer Tolerance' (Market breaker) check will be applied to removal read. If the read fails the check the update will be rejected.
 - This has been logged as an issue at PN UNC as no facility in the RGMA files to provide the 'override flag for the read'.
- The removal read will be mandatory on the Retro Update file (RTO) if the update is in the current Shippers ownership.
- The removal read will be optional on the Retro Update file (RTO) if the update is in the previous Shippers ownership. Where a read is not provided the removal read will be estimated.
- The accepted retro meter exchange will be deemed to be the latest position. Should any additional updates be required a further retro update (via the RTO or RGMA file) will need to be submitted



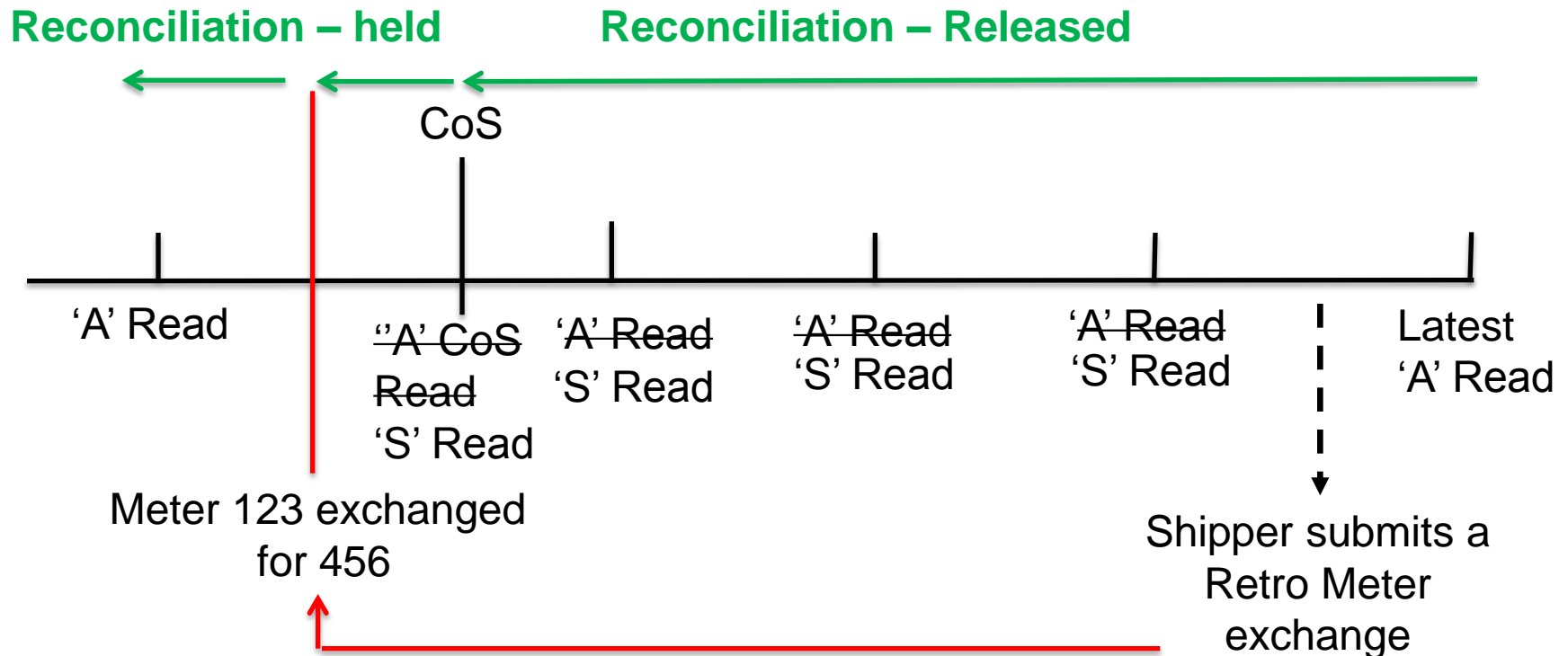
Retrospective Meter Exchange

- Request for a meter exchange, no change in Shipper. Subsequent actual reads recorded



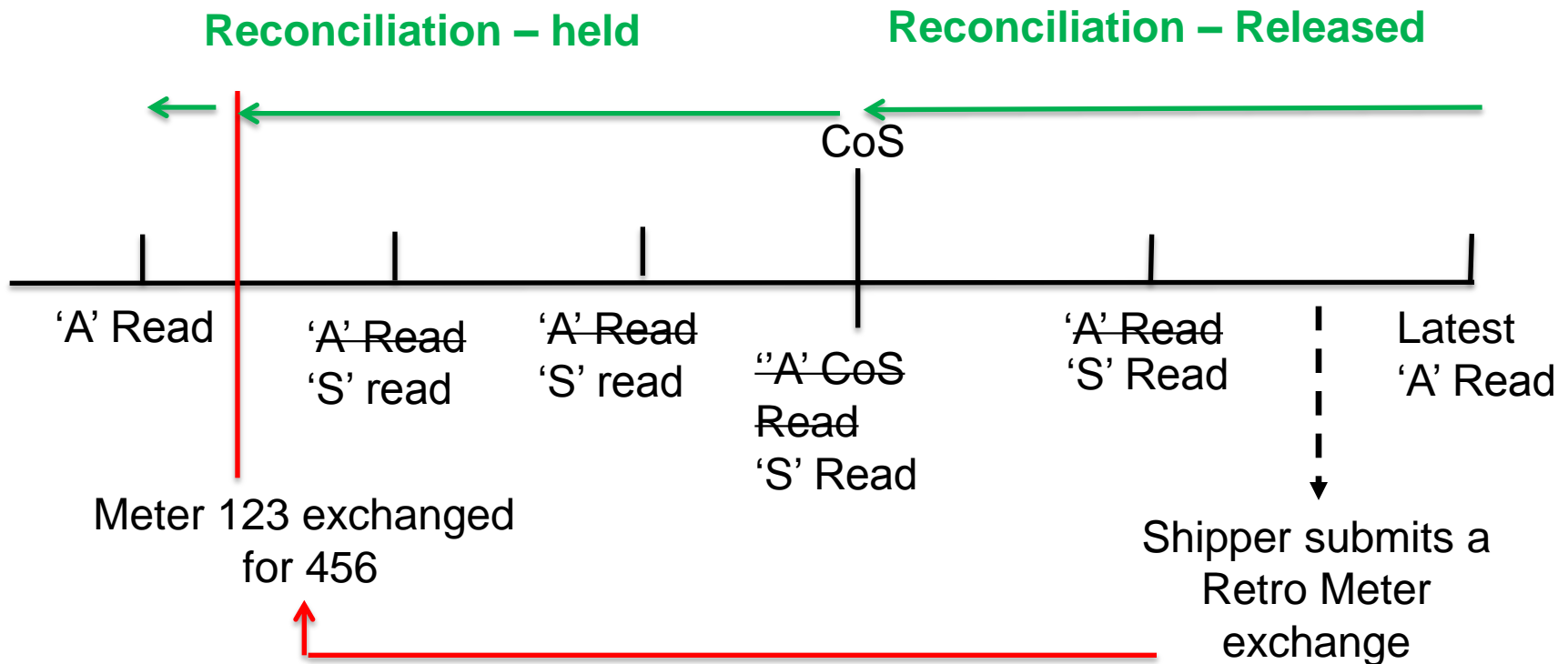
Retrospective Meter Exchange with Transfer of Ownership

- Current Shipper submits a retro meter exchange in a previous Shippers ownership. Subsequent actual reads recorded



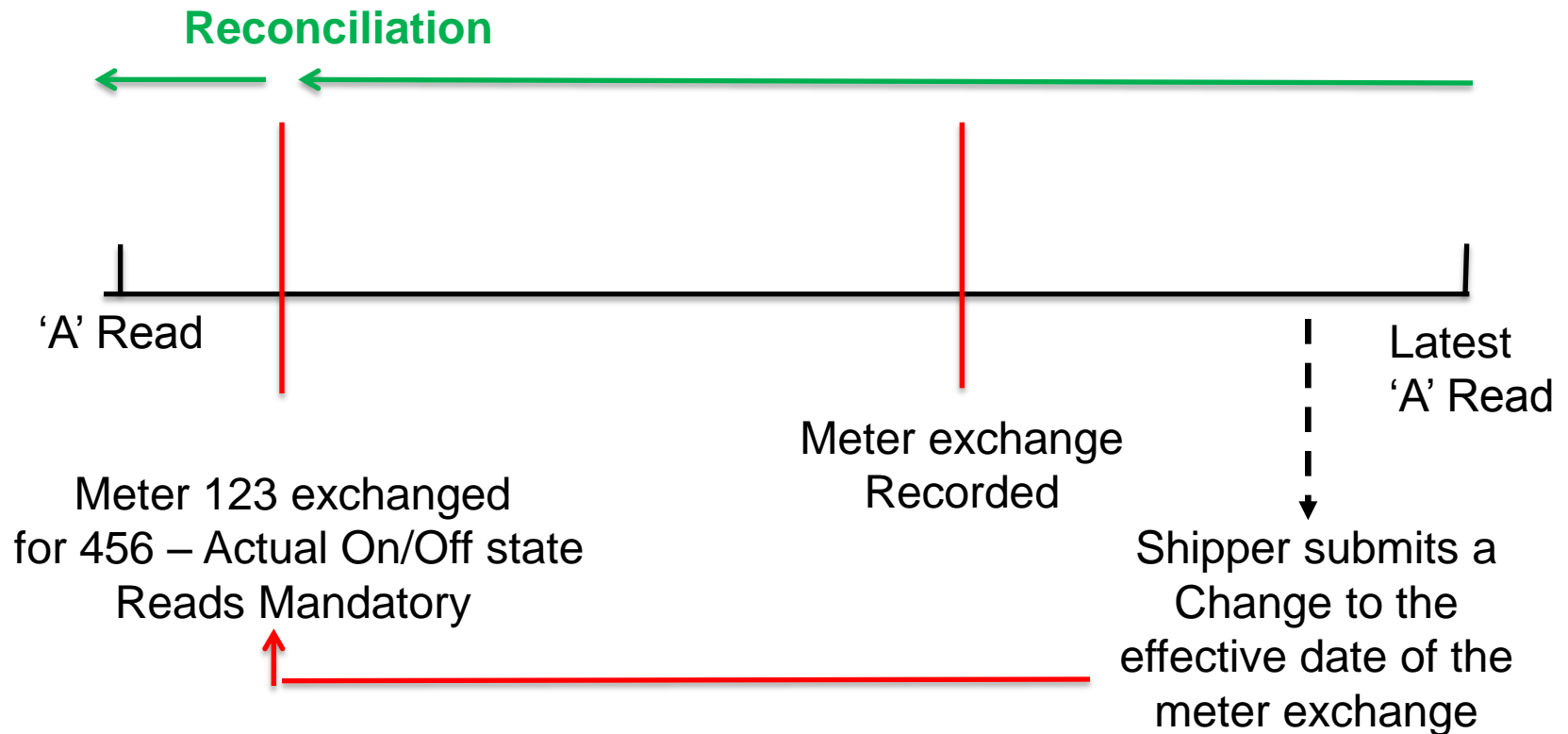
Retrospective Meter Exchange with Transfer of Ownership

- Current Shipper submits a retro meter exchange in a previous Shippers ownership. Subsequent actual reads recorded



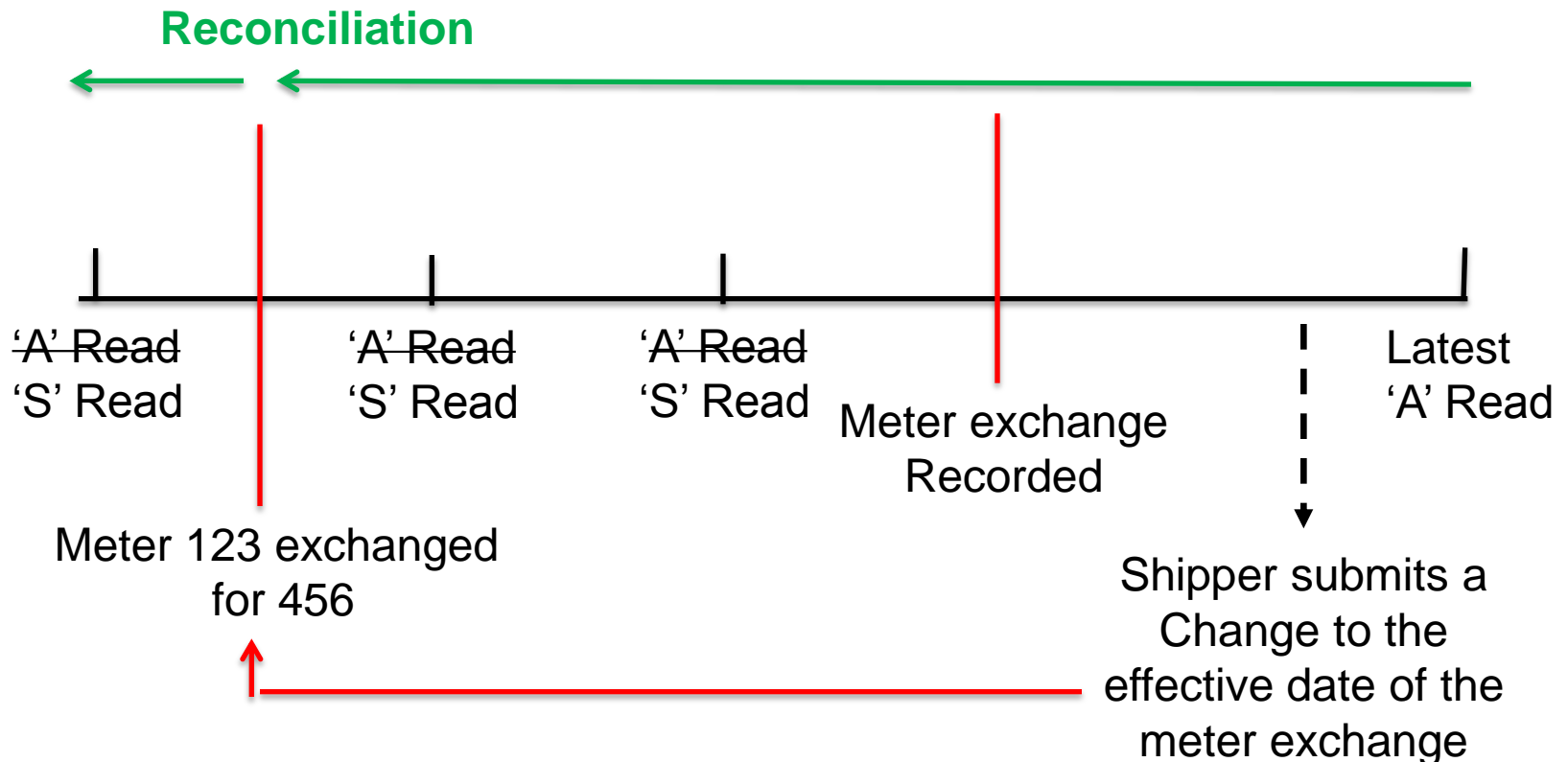
Retrospective backdated Meter Exchange

- Original meter exchange input for the incorrect date, retro update to amend the effective date of the meter exchange



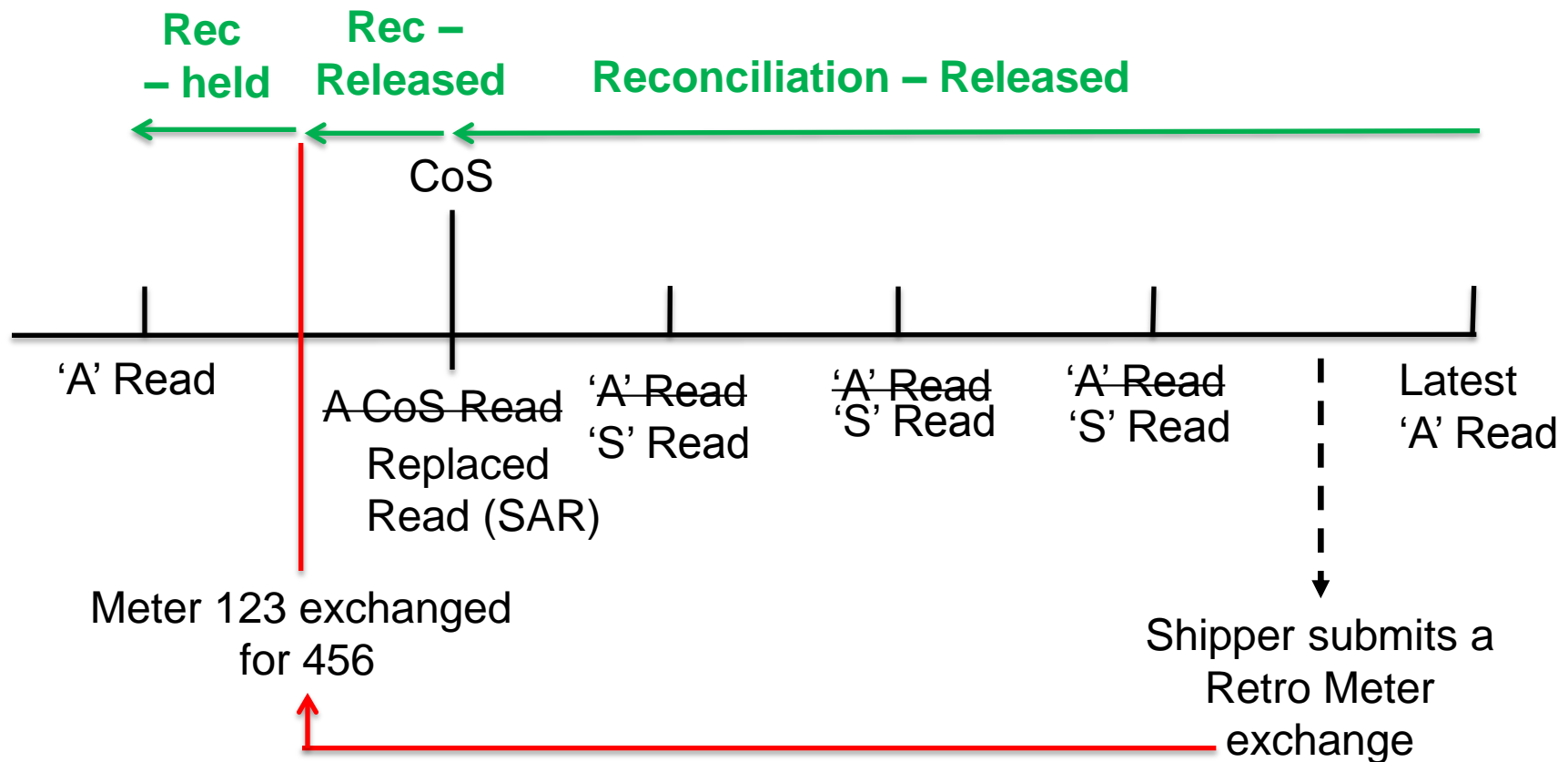
Retrospective backdated Meter Exchange

- Original meter exchange input for the incorrect date, retro update to amend the effective date of the meter exchange, reads recorded between the original & updated exchange



Retrospective Meter Exchange with Transfer of Ownership and replace read

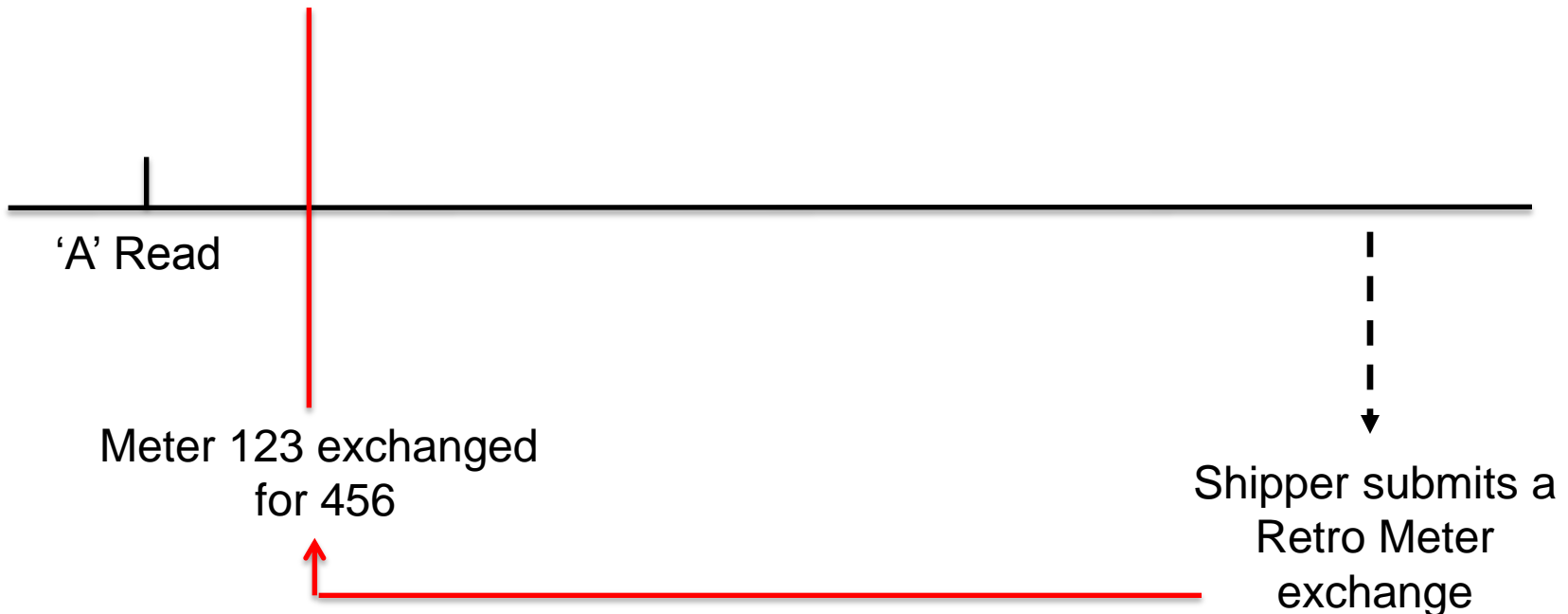
- Current Shipper submits a retro meter exchange in a previous Shippers ownership. Transfer read replaced & latest read



Retrospective Meter Exchange

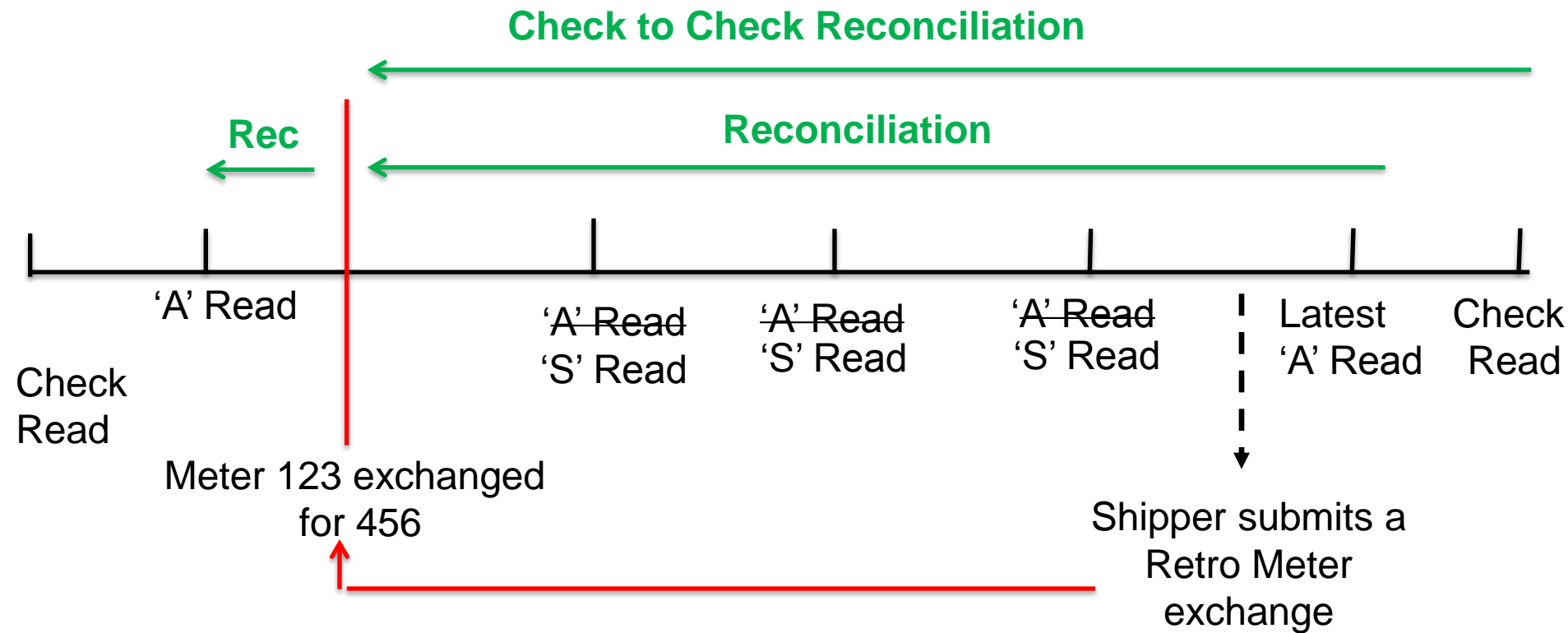
No read history

- Current Shipper submits retro exchange, no subsequent reads recorded – Rejected



Retrospective Meter Exchange with Check Reads

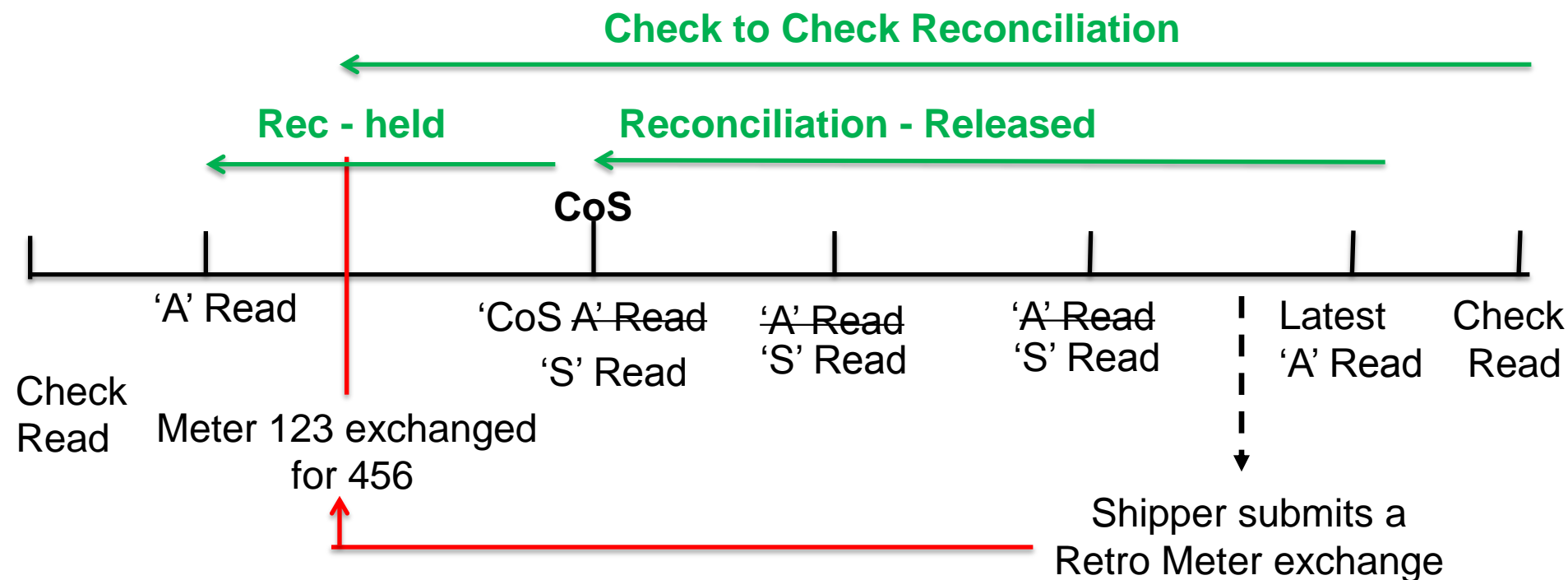
- Request for a meter exchange, no change in Shipper. AMR installed. Subsequent reads recorded and Check Read



Note: The removal read / install read on the meter exchange will be recorded as a Check Read where daily read equipment (AMR) is installed

Retrospective Meter Exchange with Check Reads and Transfer of Ownership

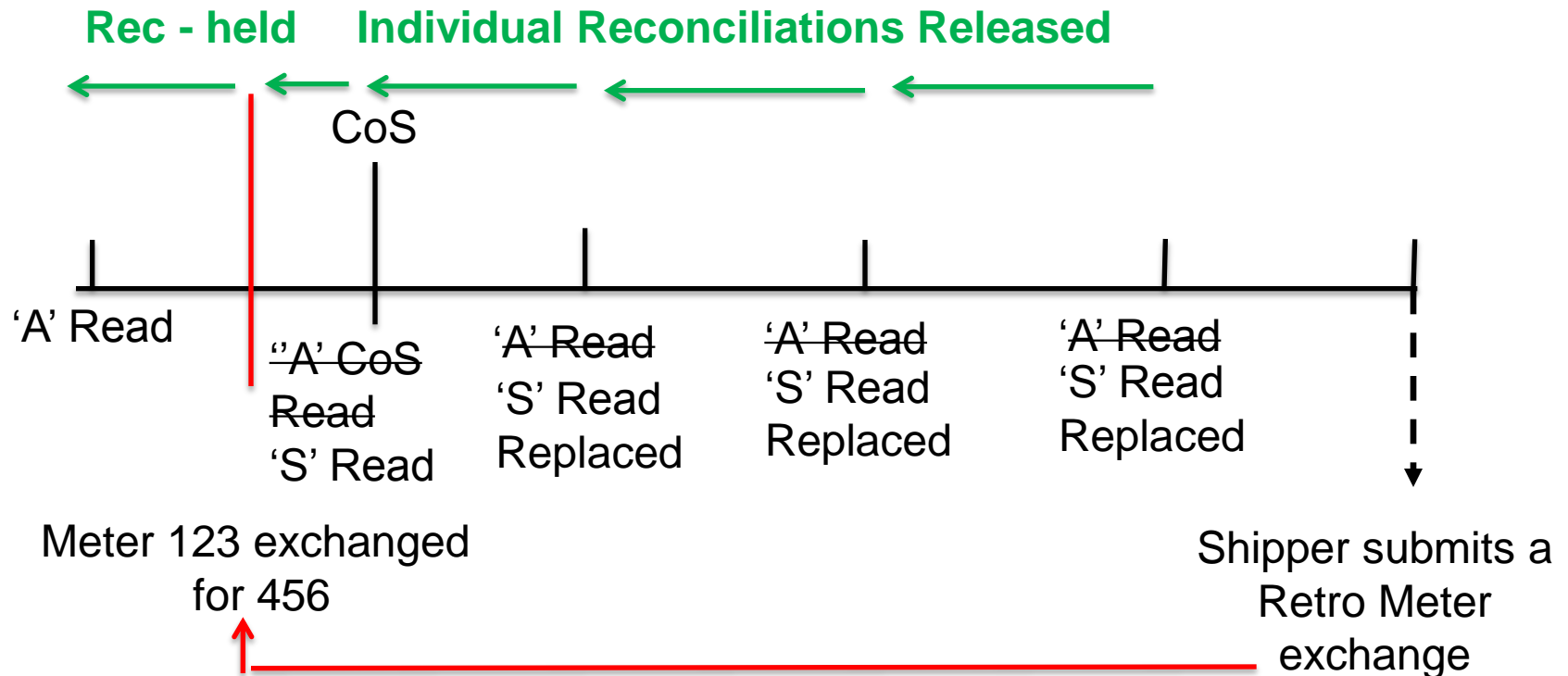
- Request for a meter exchange, no change in Shipper. AMR installed. Subsequent reads recorded and Check Read



Note: The removal read / install read on the meter exchange will be recorded as a Check Read where daily read equipment (AMR) is installed. All 'drift' will be allocated to the Incoming Shipper

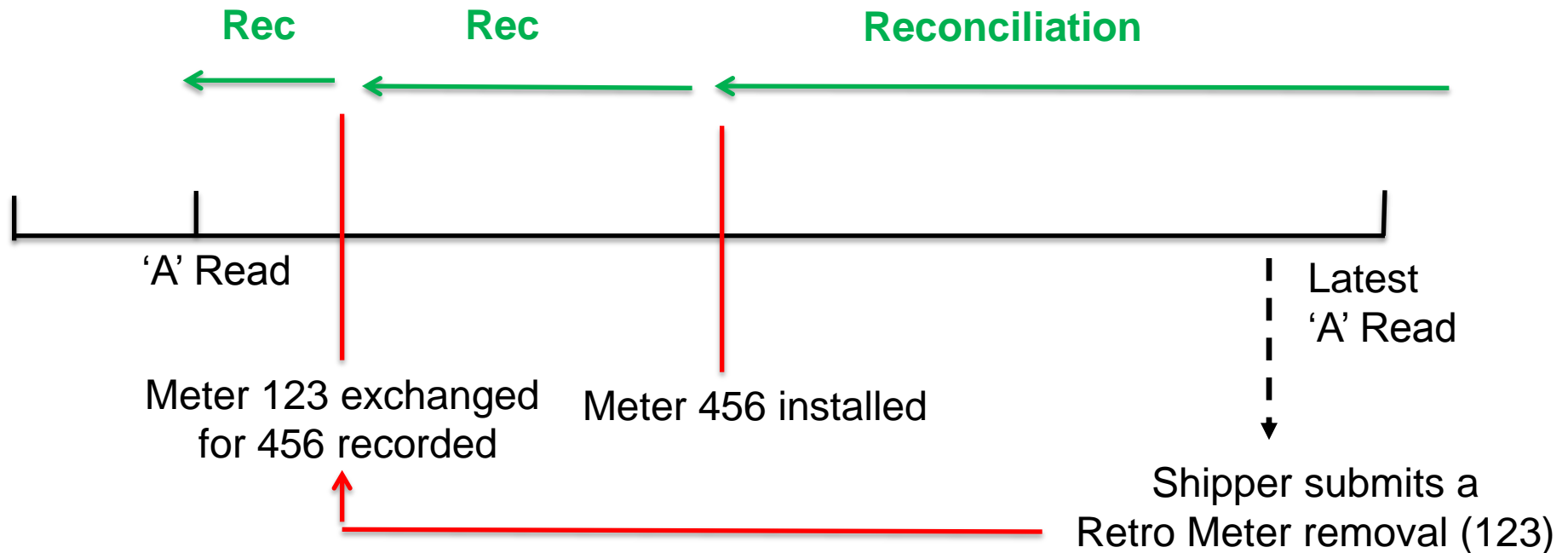
Retrospective Meter Exchange with Transfer of Ownership, Suspect Reads Replaced

- Current Shipper submits retro meter exchange in previous Shippers ownership. Subsequent reads recorded, Suspect reads replaced

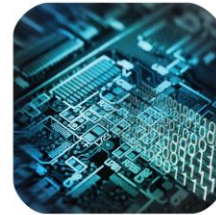


Retrospective meter exchange correction

- Meter exchange recorded, should have been a meter removal with a meter installation for a later date



Note: the retro meter removal will replace the exchange. This will be meter-less for a period until install receive. Commodity deeming will cease +2 days of removal.

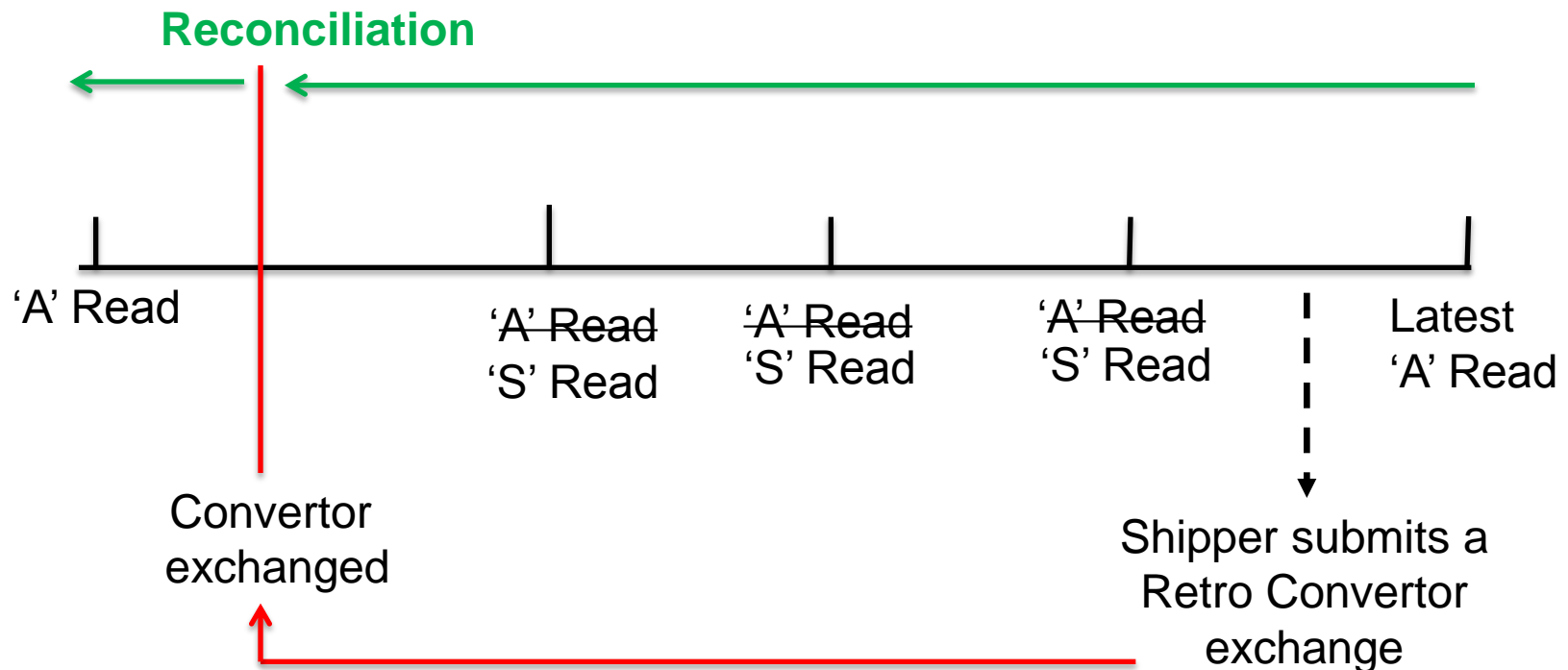


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Retro update Scenarios for Convertor Exchange

Retrospective Convertor Exchange

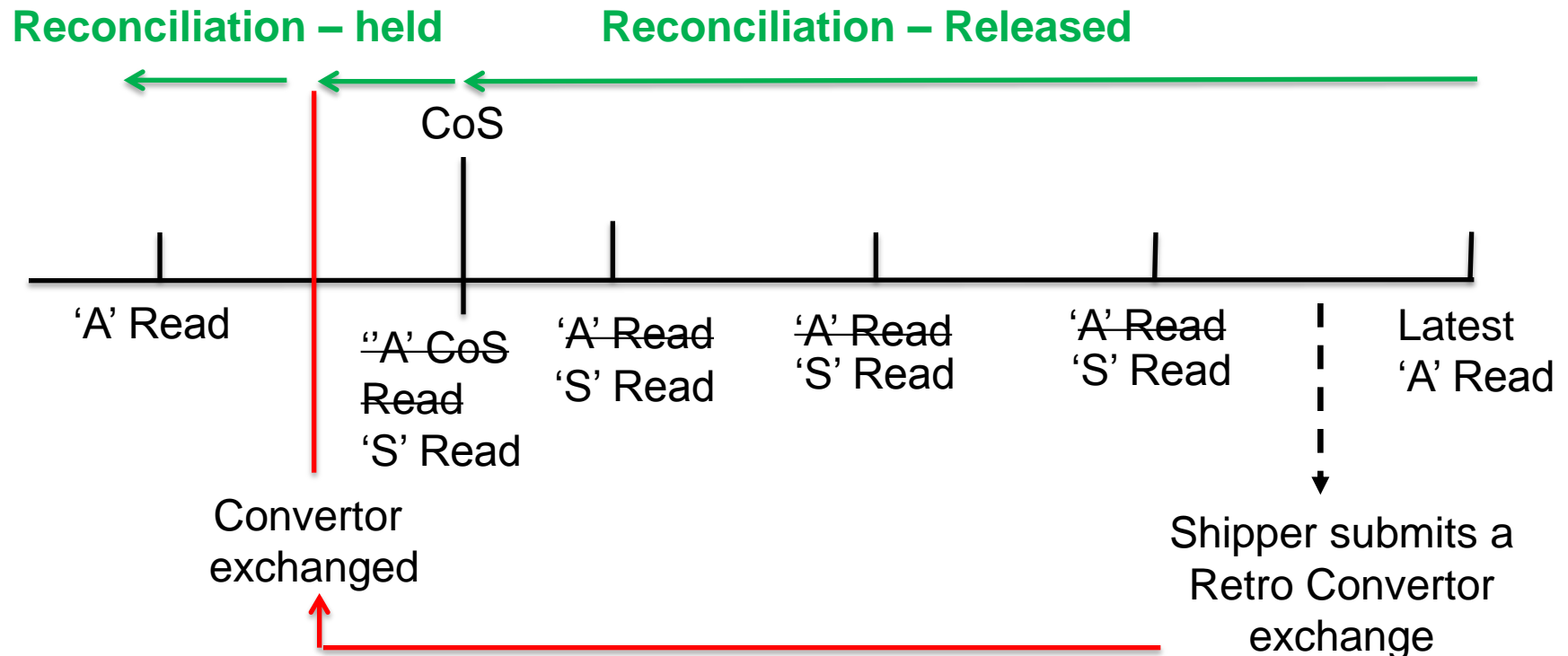
- Request for a Convertor exchange, no change in Shipper. Subsequent actual reads recorded

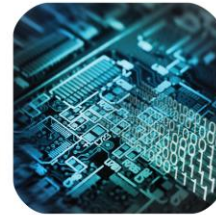


Note: Both the Convertor and meter reads will be marked as 'suspect', if replacing these reads, corrected, uncorrected and meter reads are required.

Retrospective Convertor Exchange with Transfer of Ownership

- Current Shipper submits a retro convertor exchange in a previous Shippers ownership. Subsequent actual reads recorded





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Retro Update Scenario for Meter Installation

Meter Install Overview

- UNC G.7.3.7 and Modifications 410A/424/425 already provide the rules regarding the installation of a meter prior to the confirmation or following isolation and the transportation charges to be applied.
- Retro updates will allow for asset installation to be recorded for the correct date.
- The accepted retro meter install will be deemed to be the latest position
- A meter installation date cannot be changed to a date after a read is recorded.

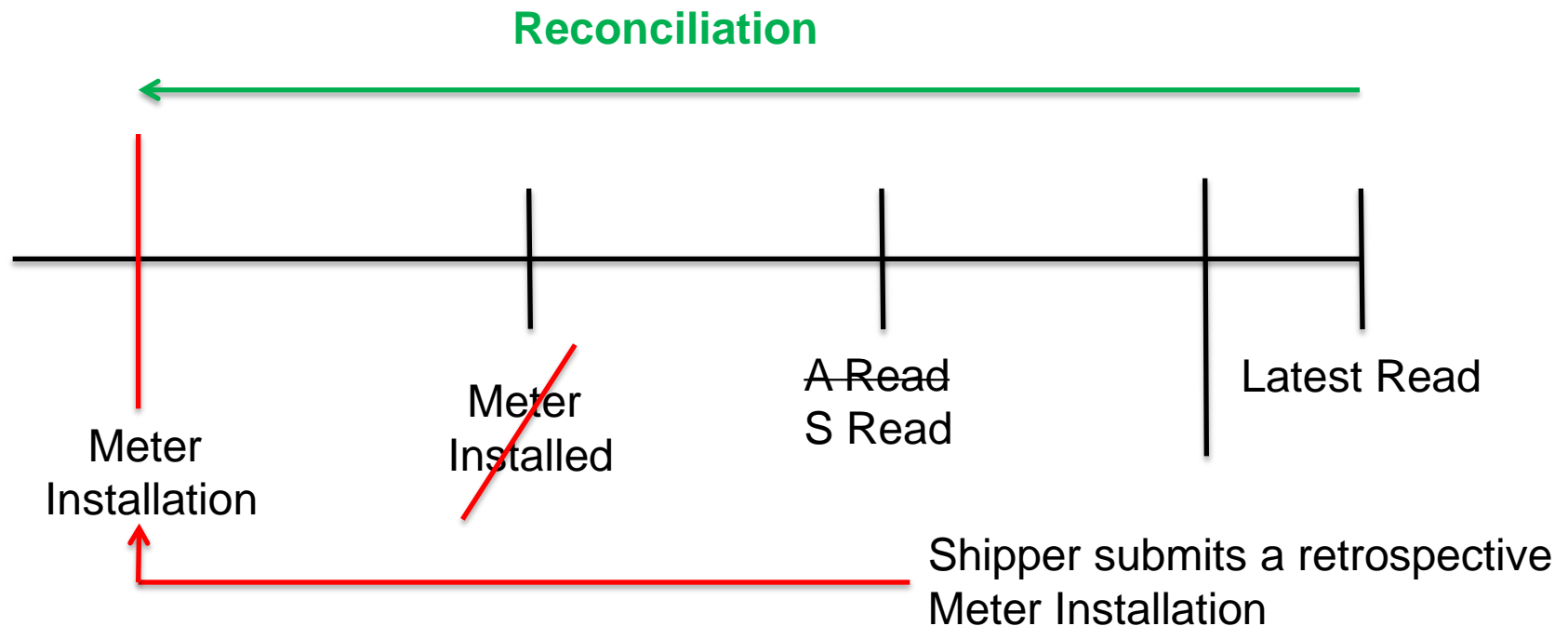
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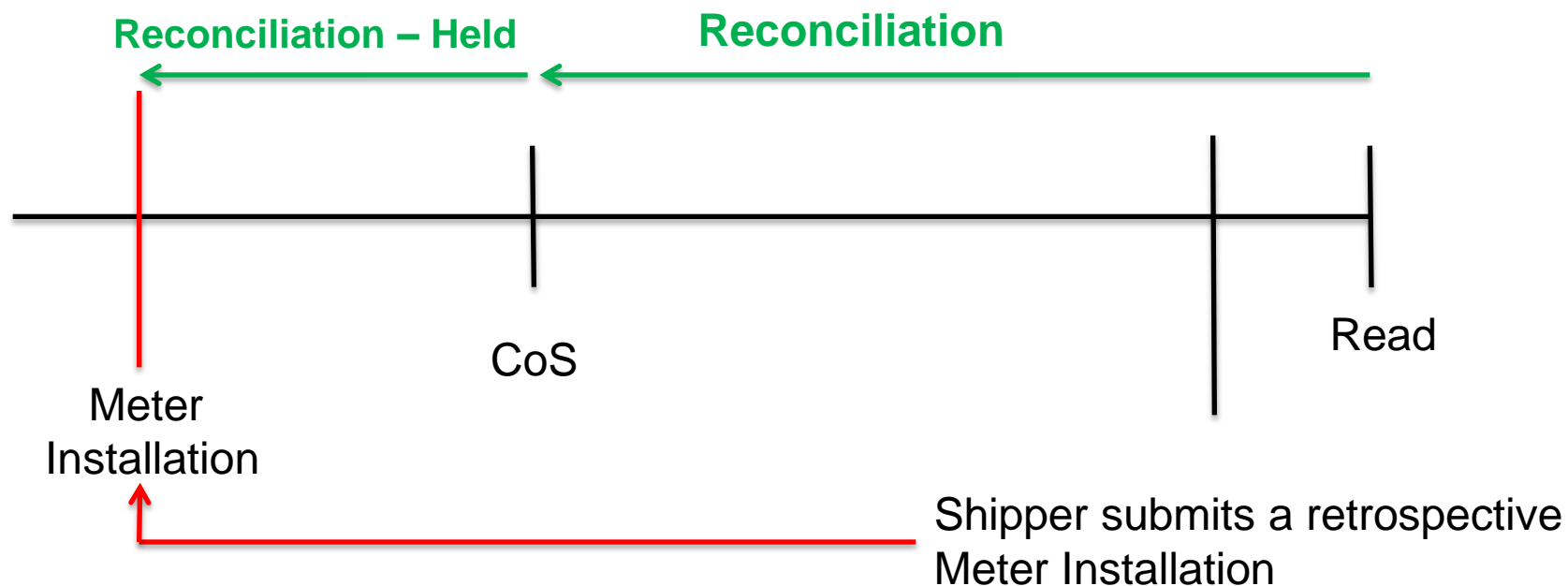
Retrospective Meter Installation

- Shipper submits a retrospective meter installation, no change in Shipper



Retrospective Meter Installation with Transfer of Ownership

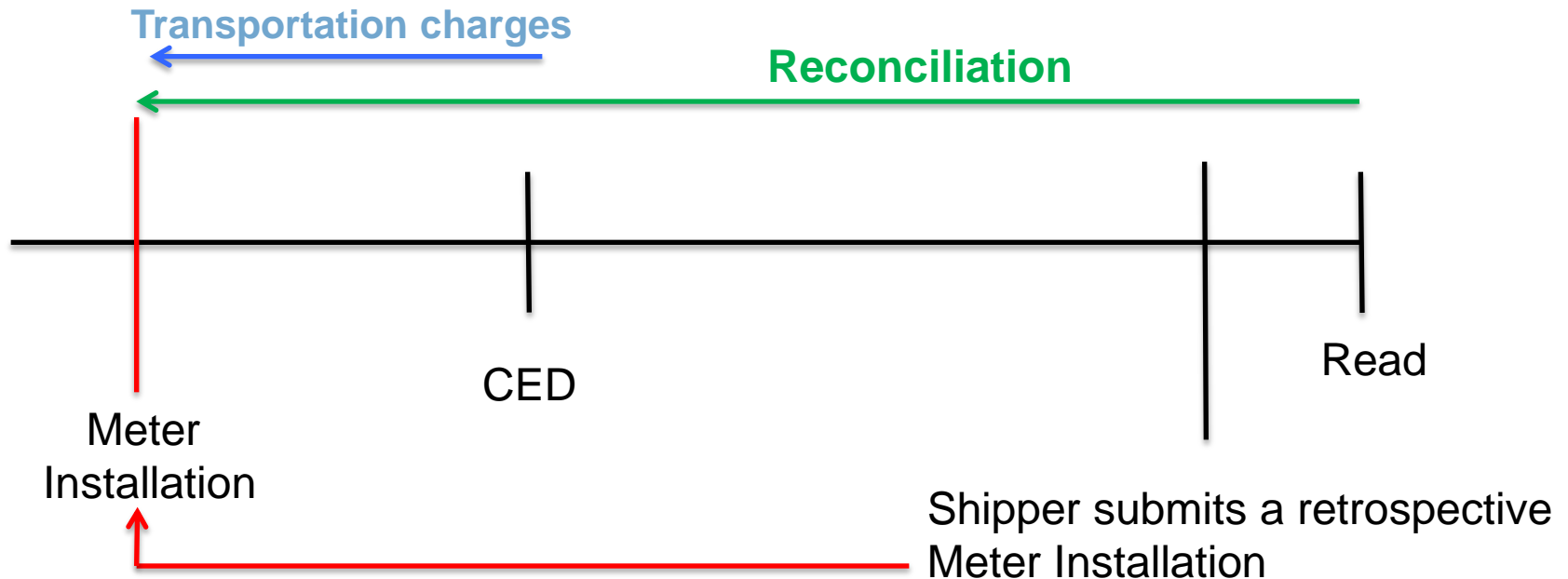
- Shipper submits a retrospective meter installation, pre-dates Transfer of Ownership effective date.



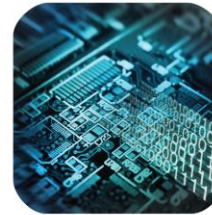
Note: as the SMP was meter-less at CoS event no Transfer of Ownership read will exist and therefore cannot be replaced.

Retrospective Meter Installation

- Shipper submits a retrospective meter installation, pre-dates Confirmation Effective Date (CED) (410A)



Note: as the SMP was meter-less at registration no 'Opening' read will exist for the Confirmation Effective Date and therefore cannot be replaced.
The Meter Installation read can be replaced.



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Retro Update Scenarios for Convertor Installation

Convertor Install Overview

- The process and rules are the same for a convertor exchange and installation as for a meter therefore all scenarios have not been duplicated.
- When requesting a retro installation for a convertor a meter reading must also be provided.

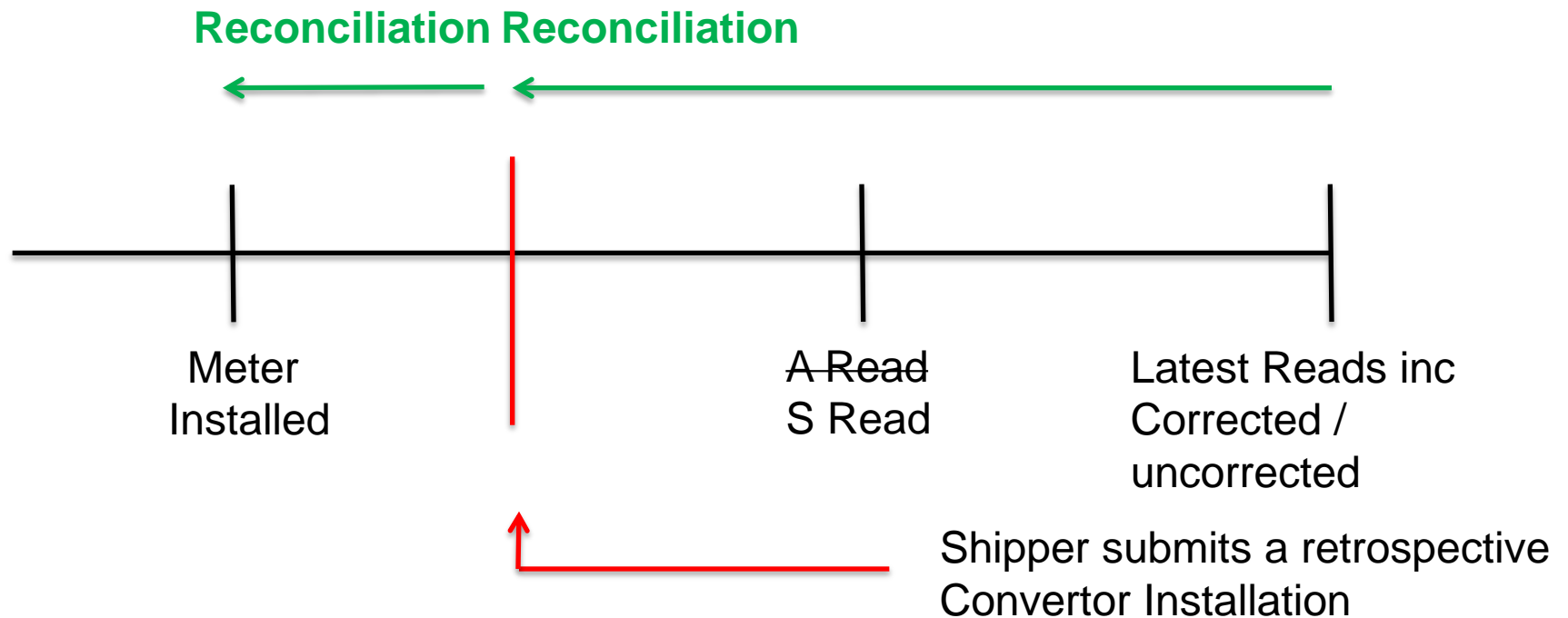
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Retrospective Convertor Installation

- Shipper submits a retrospective meter installation, no change in Shipper



Note: a meter read must be provided in addition to the convertor installation reads in order to carry out reconciliation

SUPPLY POINT UPDATES

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Supply Meter Point Updates Overview

- A non-standard Correction Factor (CF) is applicable to Supply Meter Points with an AQ above 732,000 kWh. A default is applied (1.02264) for Supply Meter Points with an AQ less than 732,000 kWh
- A CF is applied to the volume of gas passed through the meter and is used to calculate the consumption.
- For meter points above 732,000 kWh; where the CF is not supplied with the meter installation notification a standard CF of 1.02264 will be applied
- Shipper must amend the CF via;
 - ONJOB where the CF will be applied from the meter installation date
 - ONUPD where the CF will be applied from the effective date of the acceptance of the update
 - Retrospective update file (RTO) where the CF will be applied from meter installation date or the effective date provided

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Supply Meter Point Updates Overview cont.

- An update to the CF with an effective date other than the meter installation date must be aligned to a read recorded
- All reads recorded following the effective date of the update will be marked as 'Suspect'
- No validation is applied to the Correction Factor against the AQ, so any valid positive value would be accepted (except 0):
 - If the request to update the CF to the standard value or less but the AQ for the meter point is greater than 732,000 kwh the request would be accepted

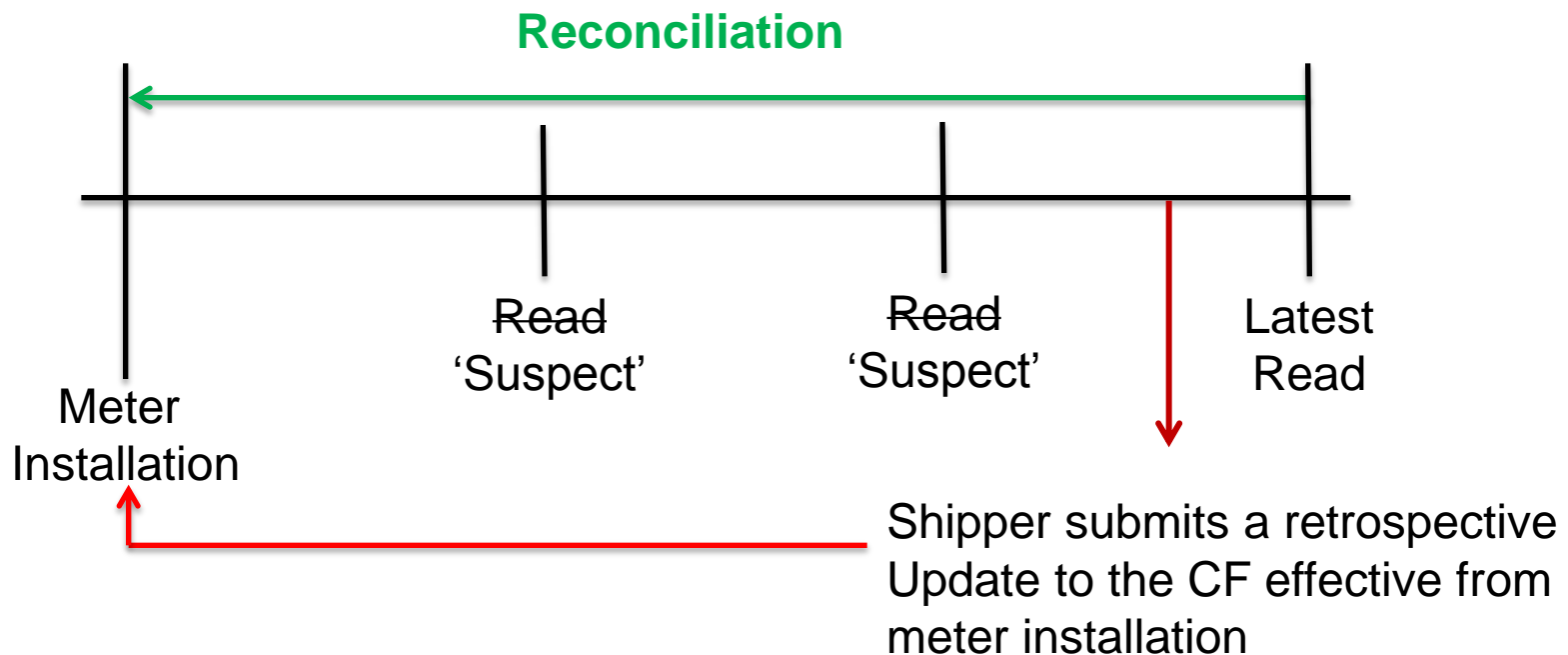
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Correction Factor Update - Billable attribute

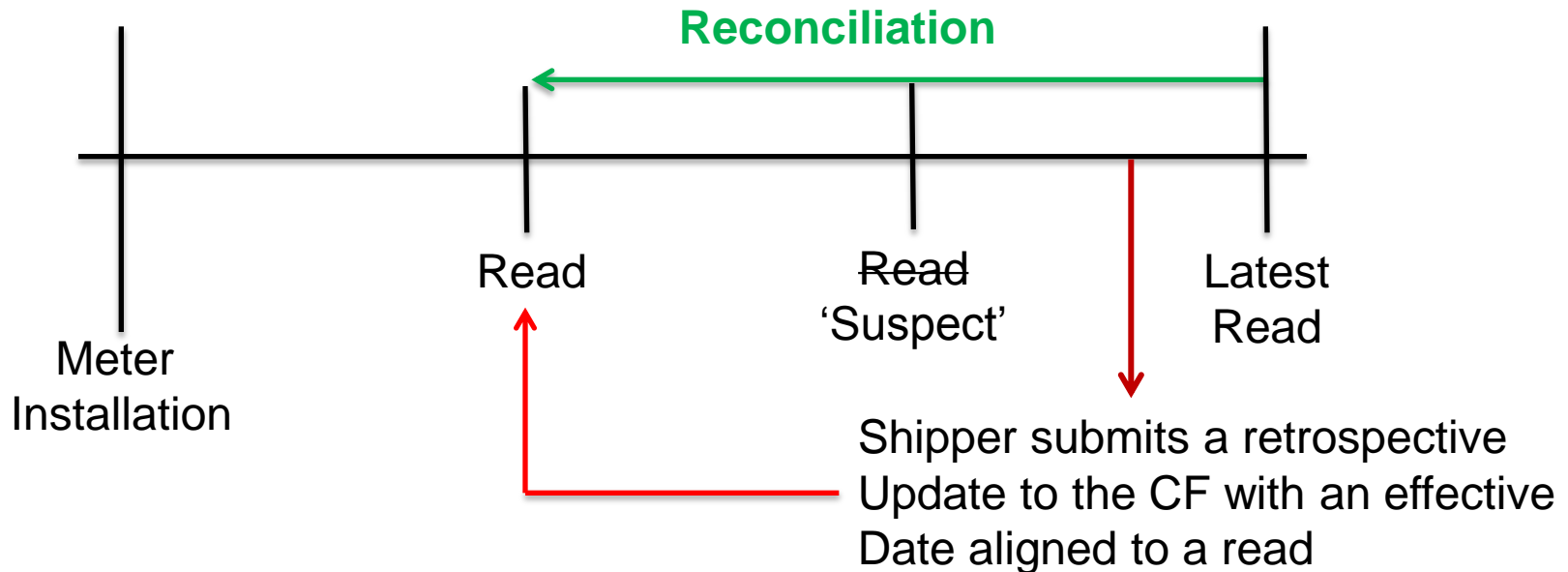
- Shipper submits a retrospective update to the correction factor
- Update applied from the installation date of the meter
- Reads recorded since the update will be marked as 'Suspect'. Shipper can replace the 'suspect' reads or submit a later read in order for Reconciliation to be carried out



Correction Factor Update

- Billable attribute

- Shipper submits a retrospective update to the correction factor
- Update applied from the effective date provided (must align to a read recorded)
- Reads recorded since the update will be marked as 'Suspect'. Shipper can replace the 'suspect' reads or submit a later read in order for Reconciliation to be carried out



ASSET UPDATE ATTRIBUTES

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Meter Asset Updates Overview

- The update will be applied from the latest Meter installation date (where post LiS)
- If an asset billing attribute update was supplied on the RGMA file (ONJOB/ONUPD) the existing functionality would be performed: outcome would be a 'cosmetic exchange' only and not a retrospective adjustment or an automatic financial adjustment
- All asset updates will be subject to MDD validations & the update will reject if the update fails the validations

Note: An update to the 'Read Units' is not applicable as this is derived from the 'Multiplication Factor' & 'Units of Measure'.

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Meter Asset Updates Overview

- More than one asset update can be submitted at one time (same file), billable & non- billable. The effective date will be for the same date for all updates submitted – installation date (does not apply to asset removals or exchanges)

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Billable or Non Billable Asset Updates

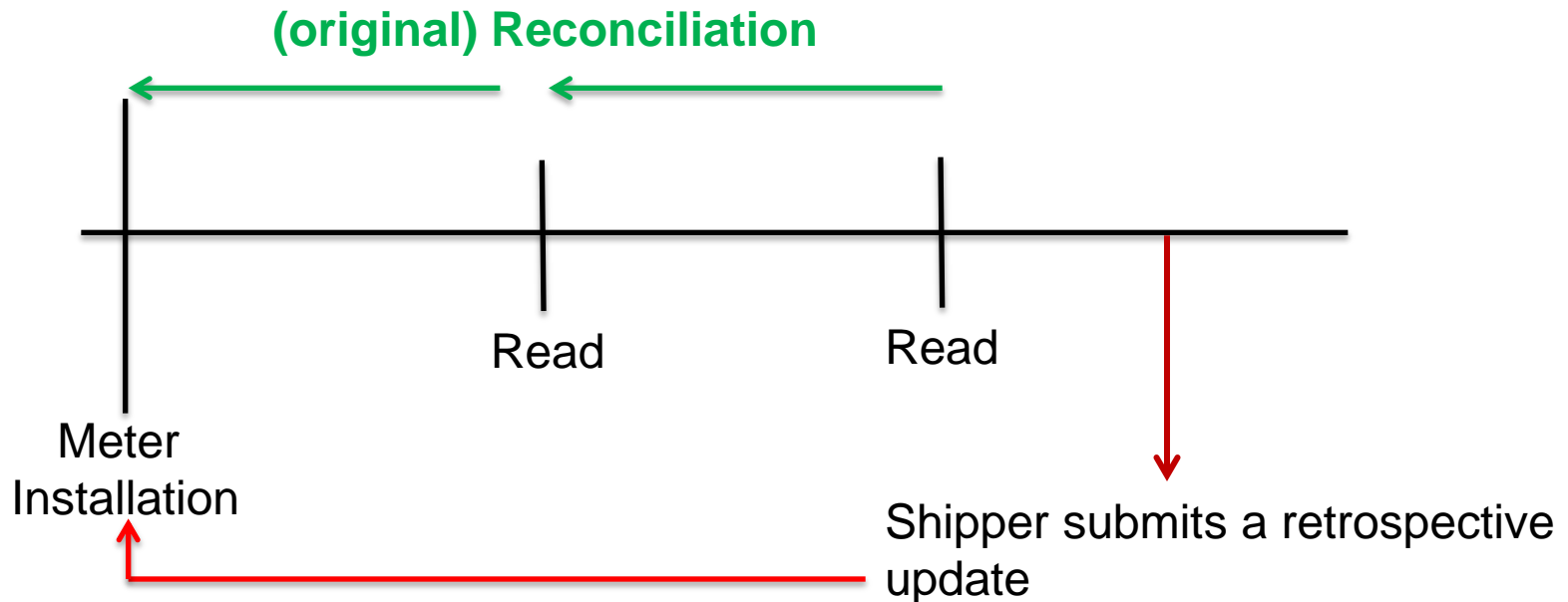
Data Item	Non-Billable Attribute Update	Billable Attribute Update
Meter Metric/Imperial indicator		Yes
Read Factor (also updates 'Read Units')		Yes
Read Units (derived by the 'Units of Measure' & 'Multiplication Factor')		N/A
Meter Status (clamped/capped)		Yes
No. of dials		
Meter Model	Yes	
Meter mechanism	Yes	
Manufacturer & Year	Yes	
Meter Serial Number	Yes	

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Meter Mechanism, Meter Model, Meter Manufacturer & Year of Manufacturer Update - Non-Billable attribute

- Shipper submits a retrospective **non-billable** meter asset update. No impact to reads or consumption. Update effective from latest asset installation date. No financial adjustment.

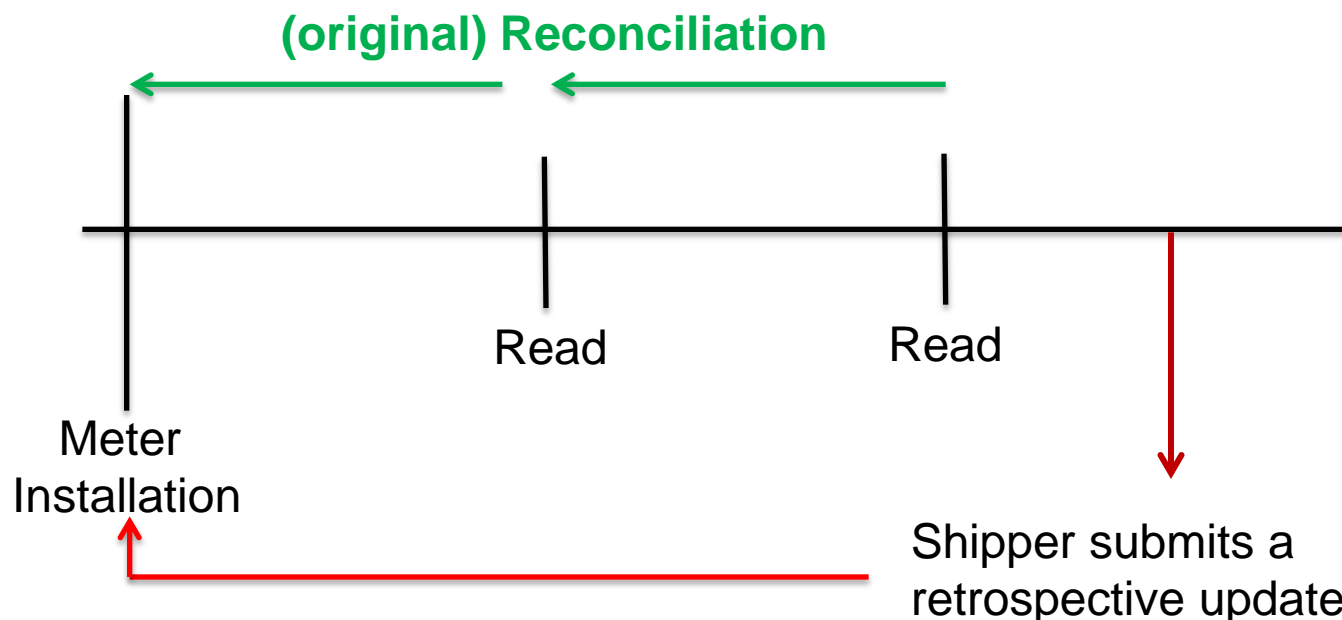


Note: If the Meter Model or Manufacturer updates any of the billable attributes of the asset, e.g. number of dials, the update will be rejected

Meter Serial Number Update

- Non-Billable attribute

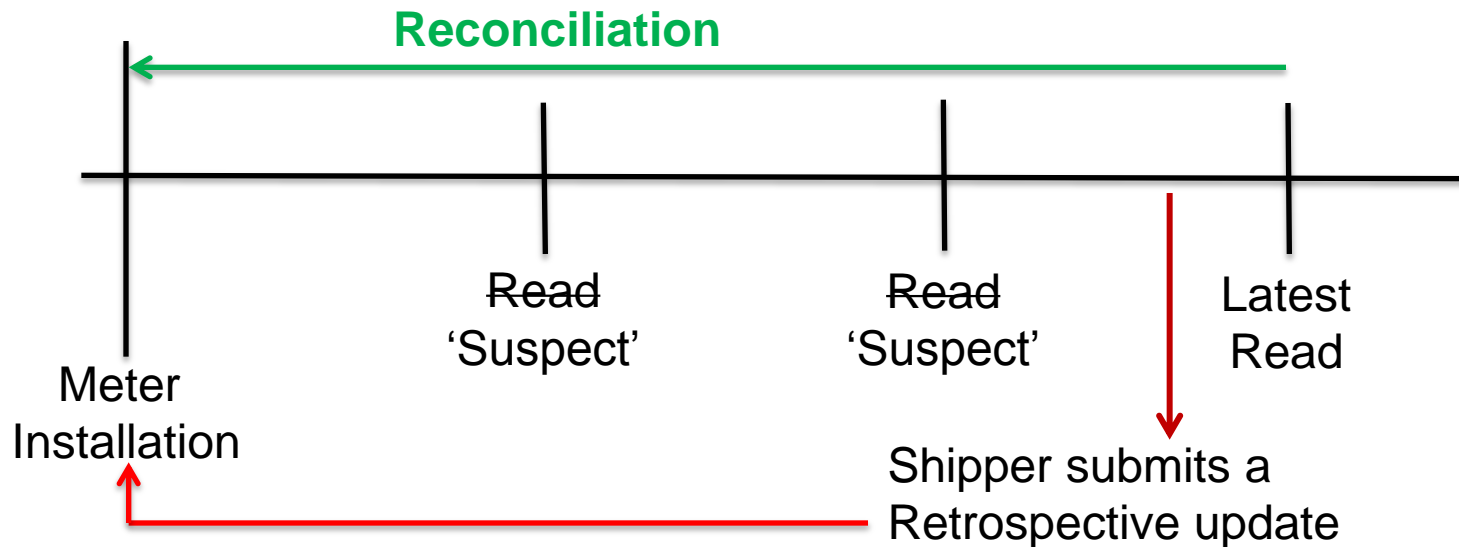
- Shipper submits a retrospective **non-billable** asset update: change to the meter serial number. No change to the billable attributes, no impact to reads or consumption. No financial adjustment



Note: If submitted via RGMA flow, the correct effective of the update will not be recorded.

Metric/Imperial Indicator, Read Factor Update - Billable attribute

- Shipper submits a retrospective **billable** asset update. Impact to consumption only, reads deemed to still be valid therefore not marked as 'Suspect'. Update effective from latest Meter installation date.
- Reads marked as 'Suspect'
- Shipper must replace 'Suspect' reads or submit a later read in order for Reconciliation to be calculated & financial adjustment processed

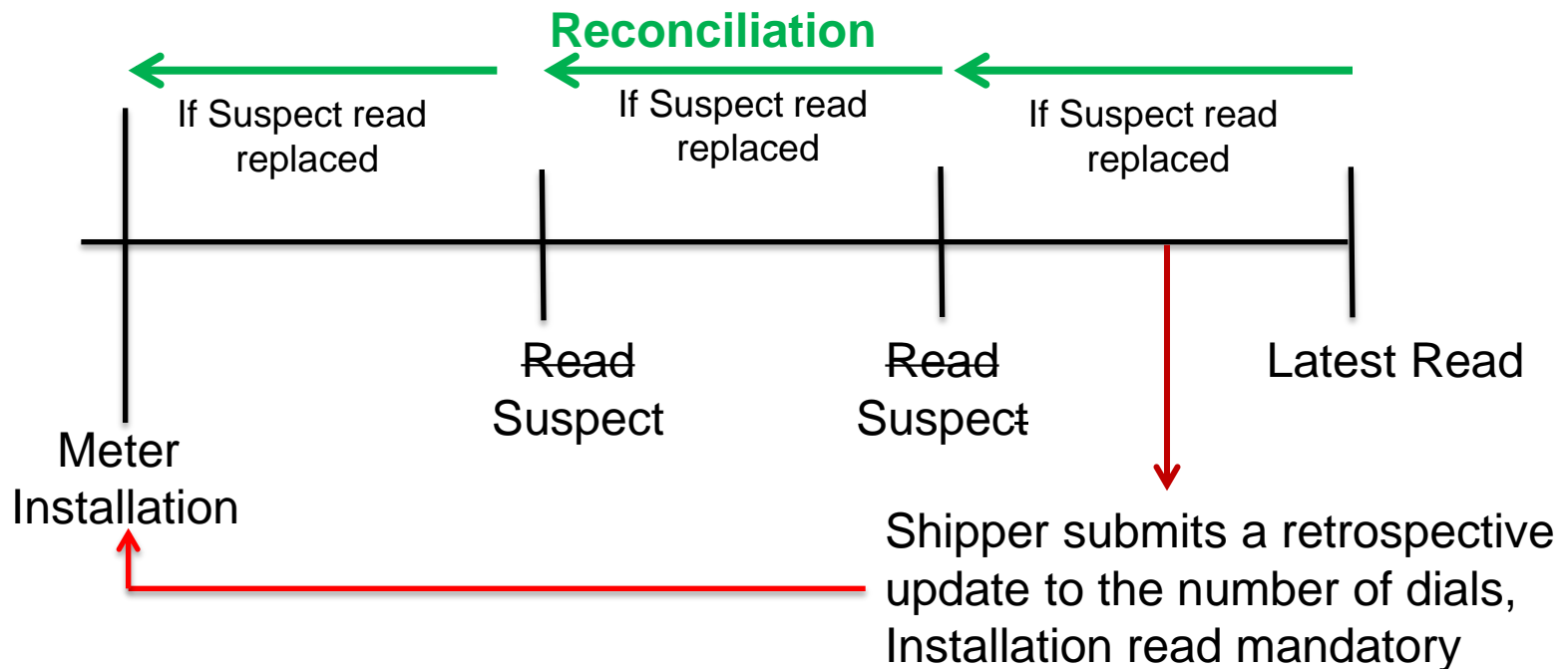


Note: Above example shows receipt of a read after the update, Suspect reads not replaced

Number of Dials Update

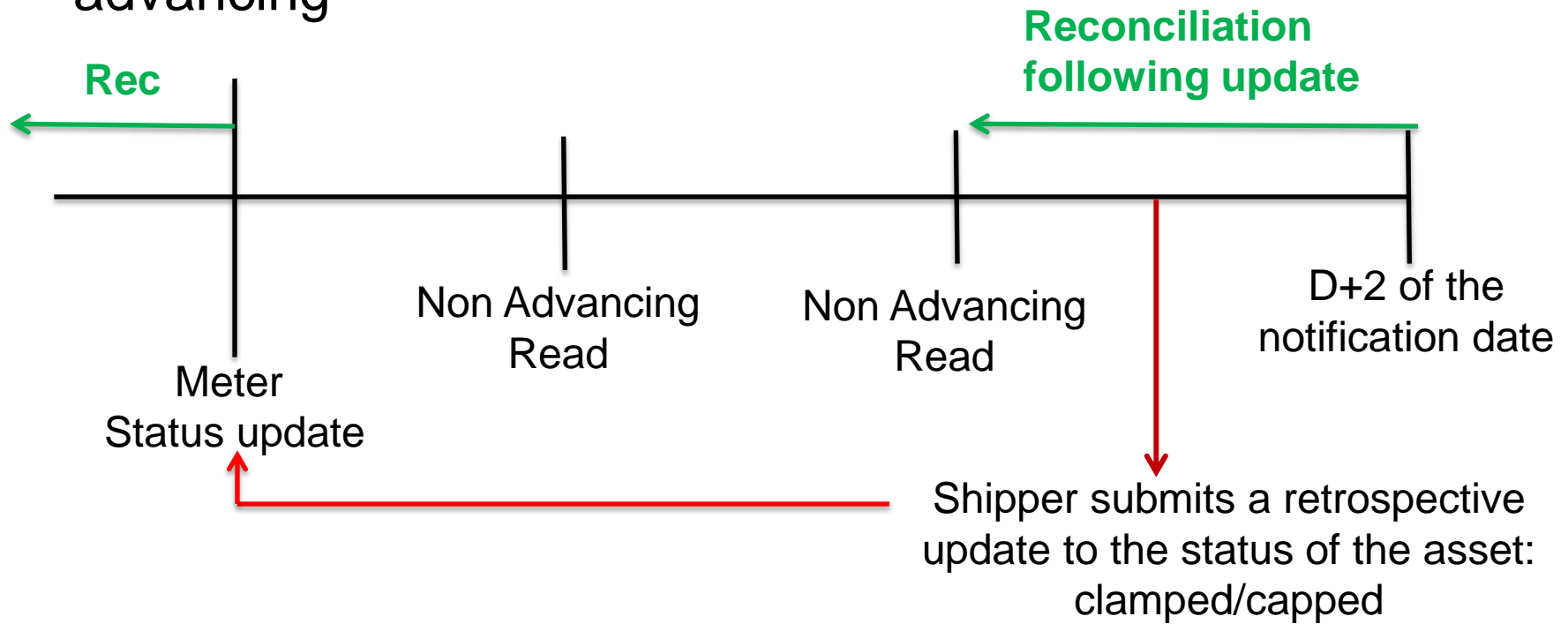
- Billable attribute

- Shipper submits a retrospective **billable** asset update: change to the number of dials for the asset with subsequent reads loaded.
- Shipper will need to submit installation read with update
- Suspect reads can either be replaced or latest read submitted which will reconcile back to the installation read



Asset Status Update – to Clamped / Capped

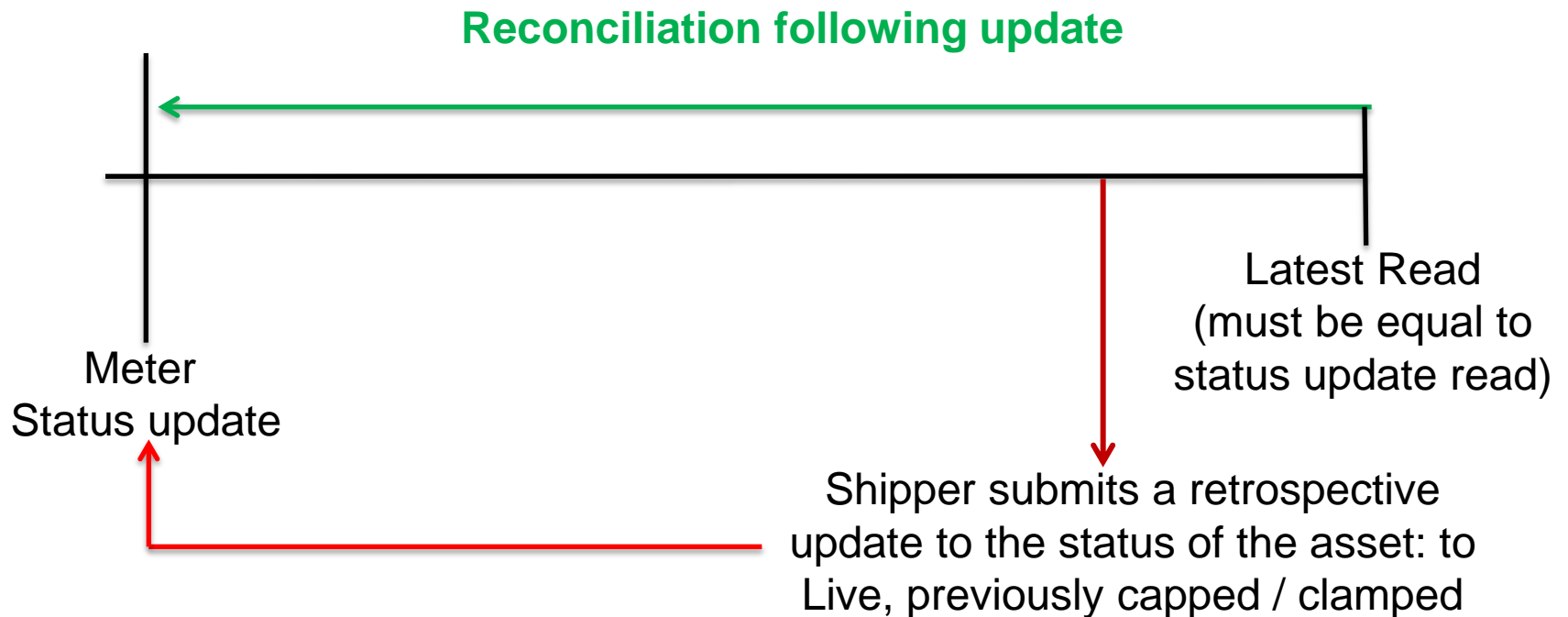
- Shipper submits a retrospective update to the status of the asset: updated status of the meter to clamped / capped.
- Update will only be accepted if subsequent reads are non-advancing



Note: Where only estimates exist, reconciliation will take place between D+2 of the notification & status update

Asset Status Update – to Live from Clamped / Capped

- Shipper submits a retrospective update to the status of the asset: update the status of the meter from clamped / capped to Live.



Note: Any advancing reads received when the meter is clamped / capped will be rejected. Only non-advancing reads will be accepted.

Retrospective Updates Prior to Code Cut Off Date (LiS)

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Overview for Retro Updates Prior to Line in the Sand (LiS)

- Effective date of the exchange and the removal / installation reads will need to be estimated by the Shipper if the exchange pre-dates LiS.
- Effective date of the removal and the removal read will need to be estimated by the Shipper if the removal pre-dates LiS.
- Effective date of the installation and the installation read will need to be estimated by the Shipper if the installation pre-dates LiS.
 - **Shipper must submit for effective date equal to or greater than LiS date**
- If the effective date is not within the User's period of ownership removal reads are not mandatory.
- If update date is equal to LiS date there will not be a reconciliation from the removal read back to the pre LiS read.
- For updates to billable attributes, the update will be applied to the live asset recorded from the asset installation date. The financial adjustment will only apply from LiS (variance created)

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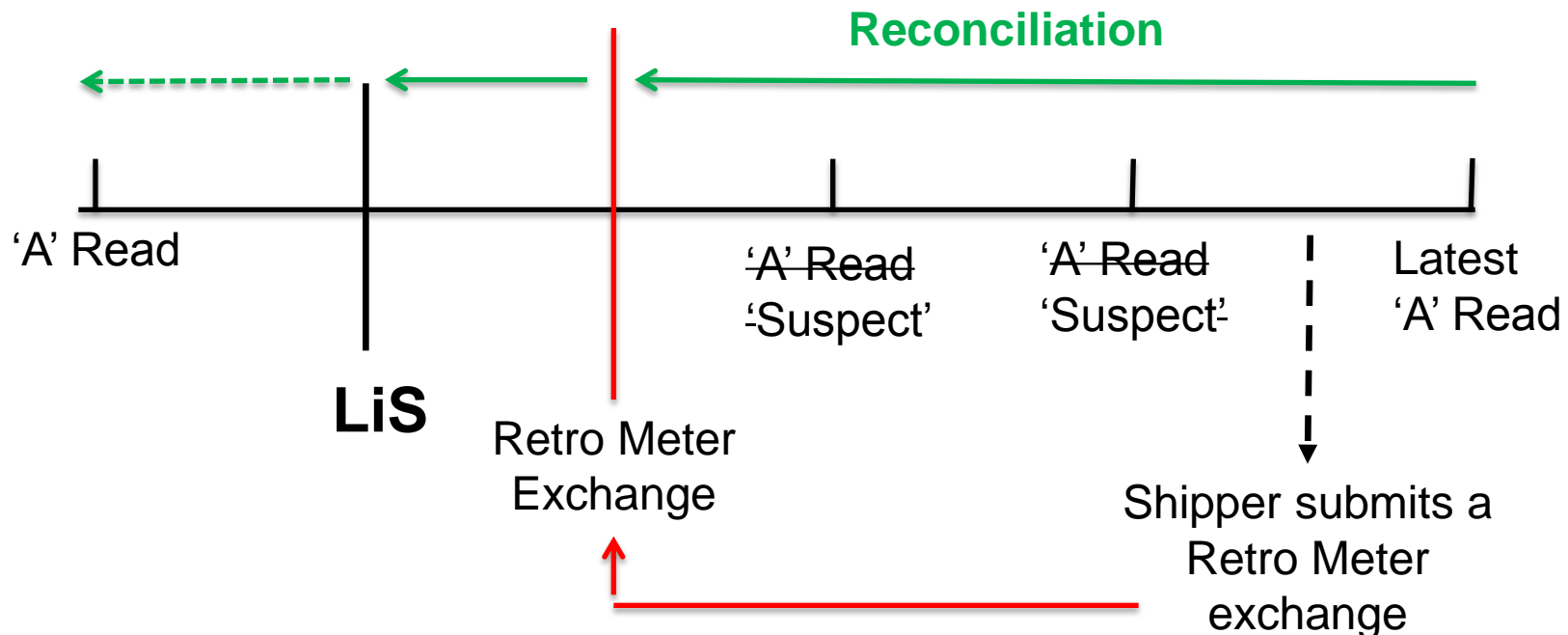


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Retrospective Meter Exchange

Effective Date Prior to LiS

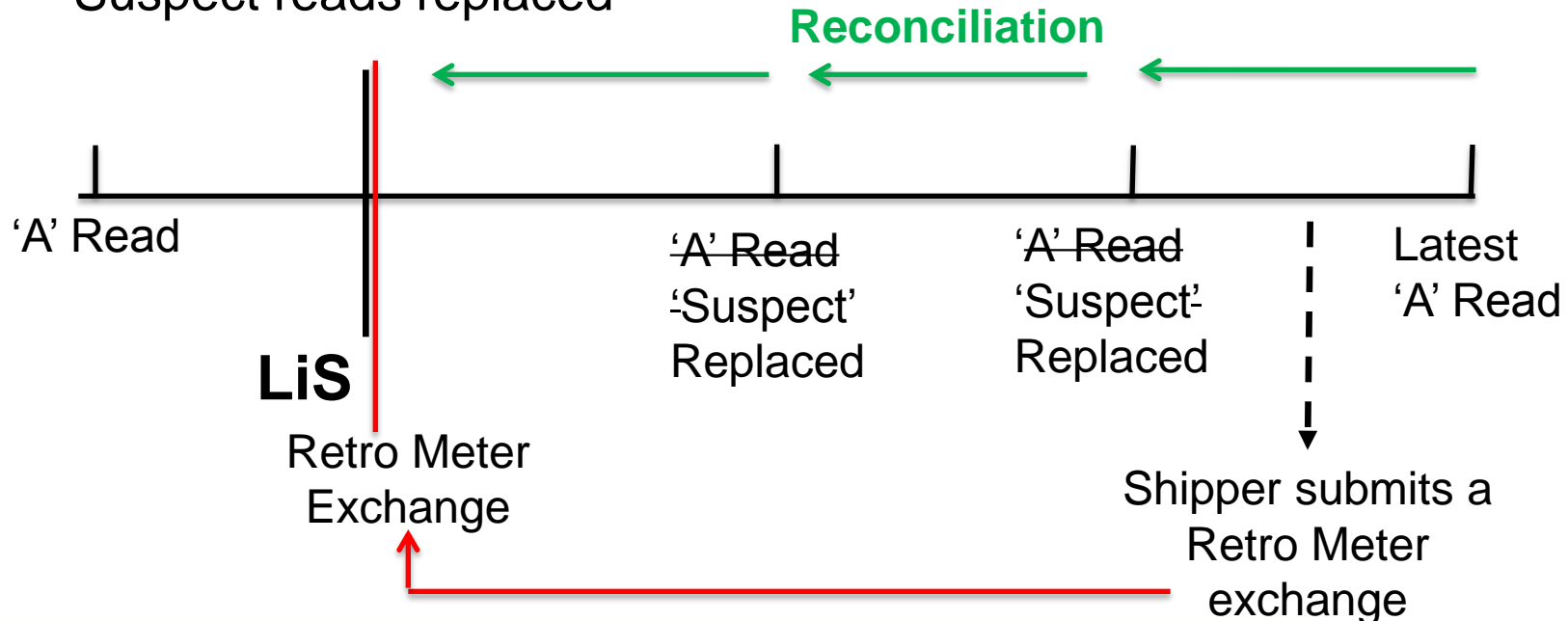
- Shipper identifies a missing meter exchange for an effective date prior to LiS.
- The example below shows the effective date requested by the Shipper to be **not equal to LiS date**.
- Reconciliation will be calculated from the read prior to LiS but the financial adjustment released from LiS only



Retrospective Meter Exchange

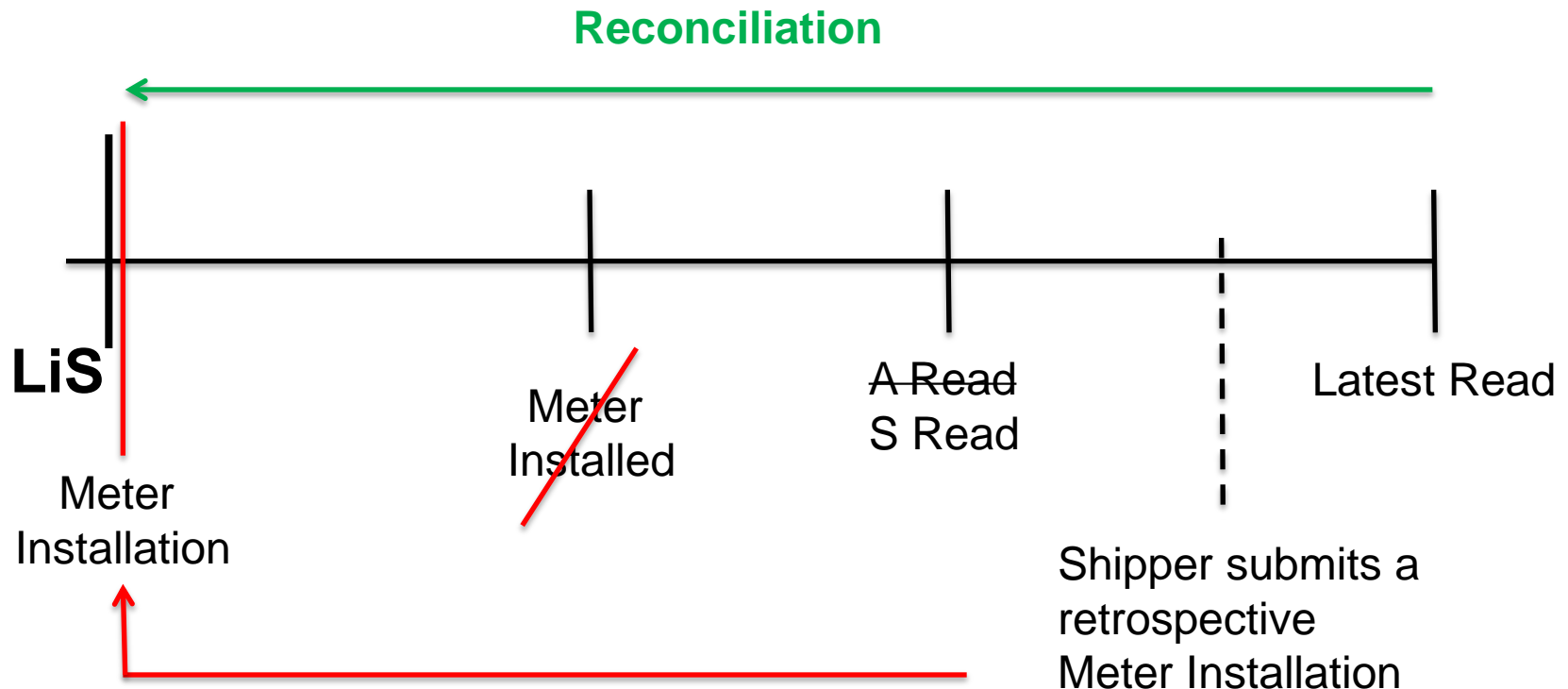
Effective Date Prior to LiS

- Shipper identifies a missing meter exchange for an effective date prior to LiS.
- The example below shows the effective date requested by the Shipper is **equal to LiS date**.
- Reconciliation will be calculated from the installation read and the financial adjustment released from LiS
- Suspect reads replaced



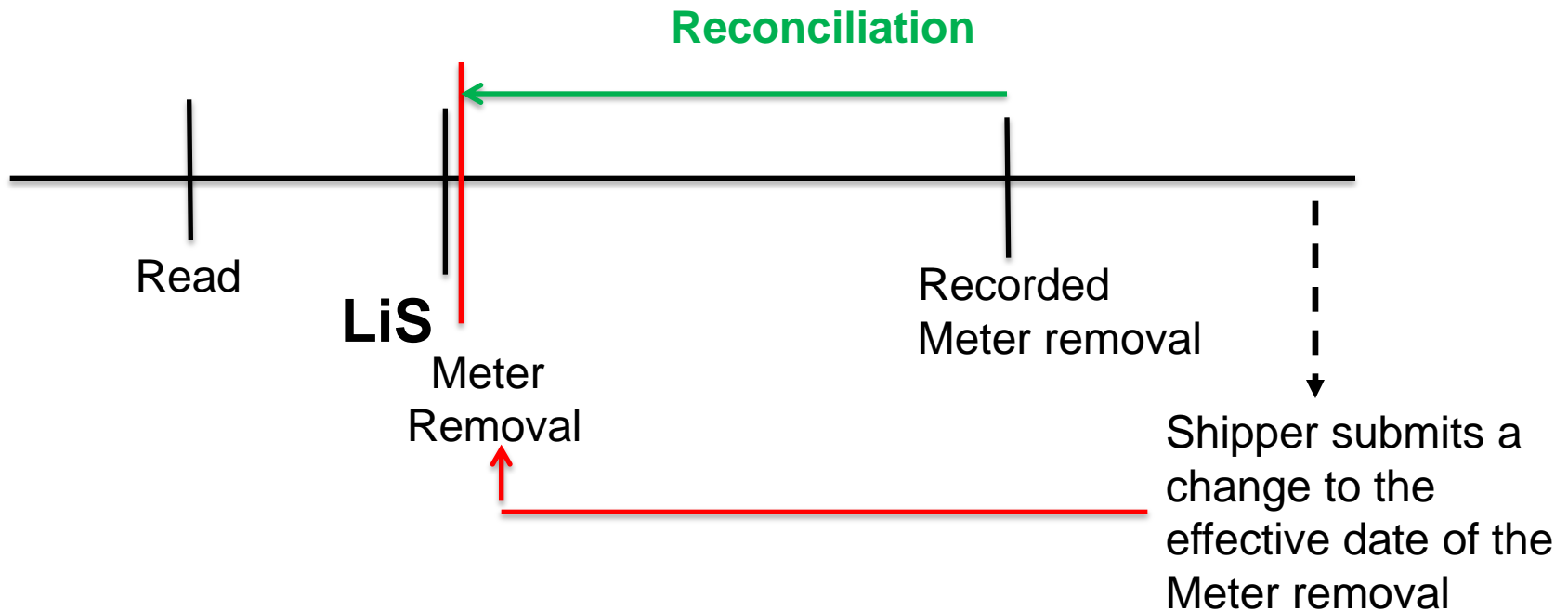
Retrospective Meter Installation Prior to LiS

- Shipper identifies a meter installation prior to LiS date
- The effective date of the installation is shown as LiS date



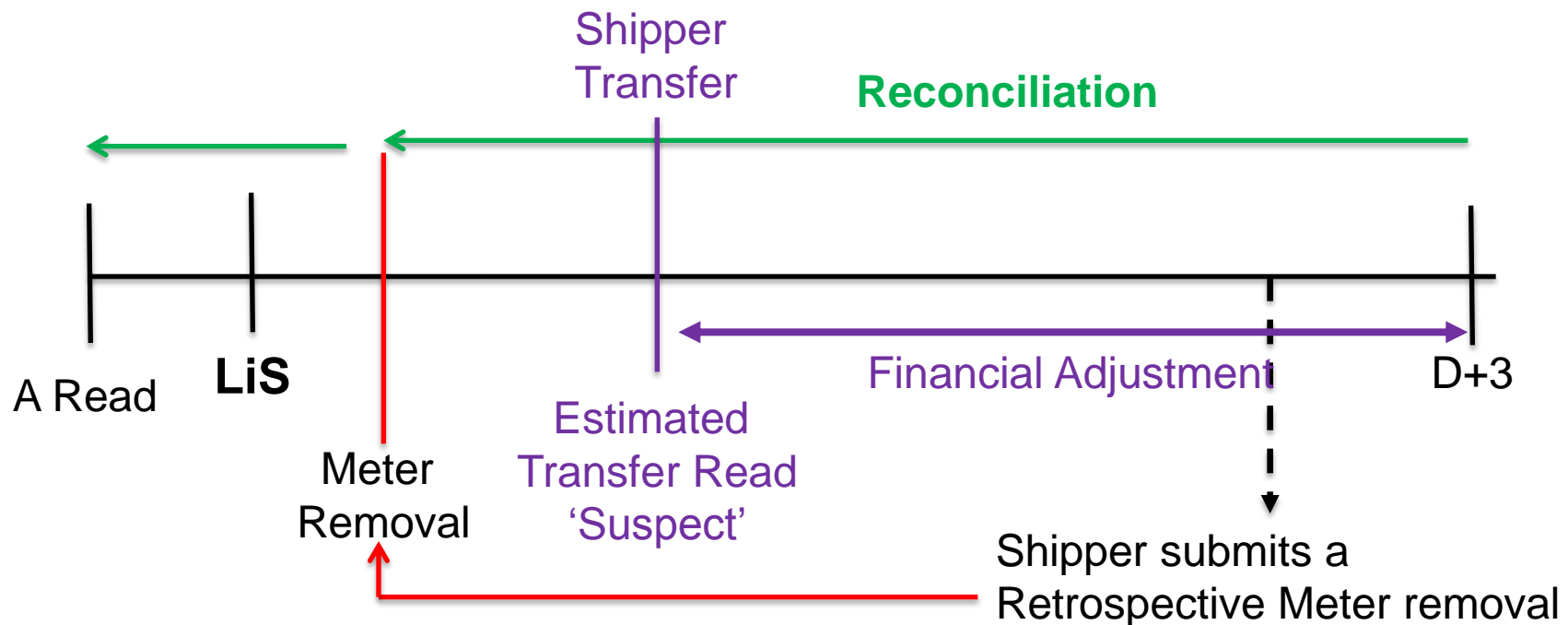
Retrospective Meter Removal Prior to LiS

- Shipper identifies that the meter removal was actually removed for an earlier date prior to LiS date
- The effective date of the removal will need to be for LiS date or a date post LiS
- Example below shows the effective date equal to LiS



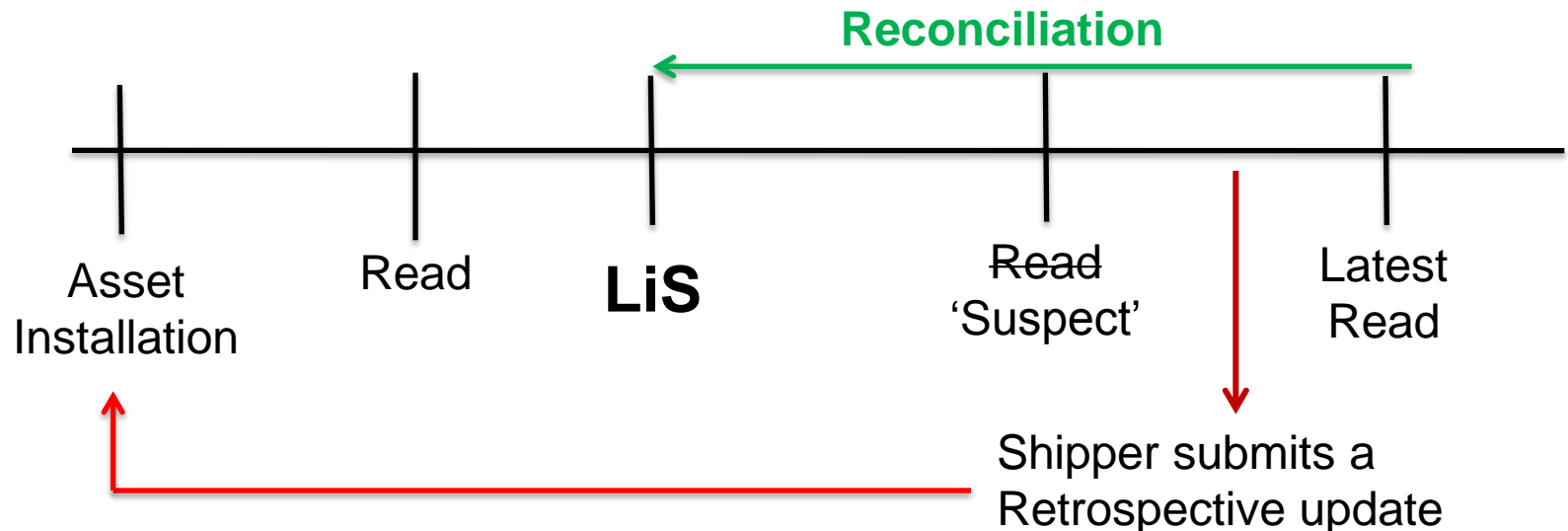
Retrospective Meter Removal Prior to LiS with a Shipper Transfer

- Shipper identifies a meter removal prior to LiS date and transfer of ownership has taken place.
- The effective date of the removal, in the example below, is shown to be post LiS date.



Retrospective Billable Attribute Update where the Asset is Installed Prior to LiS

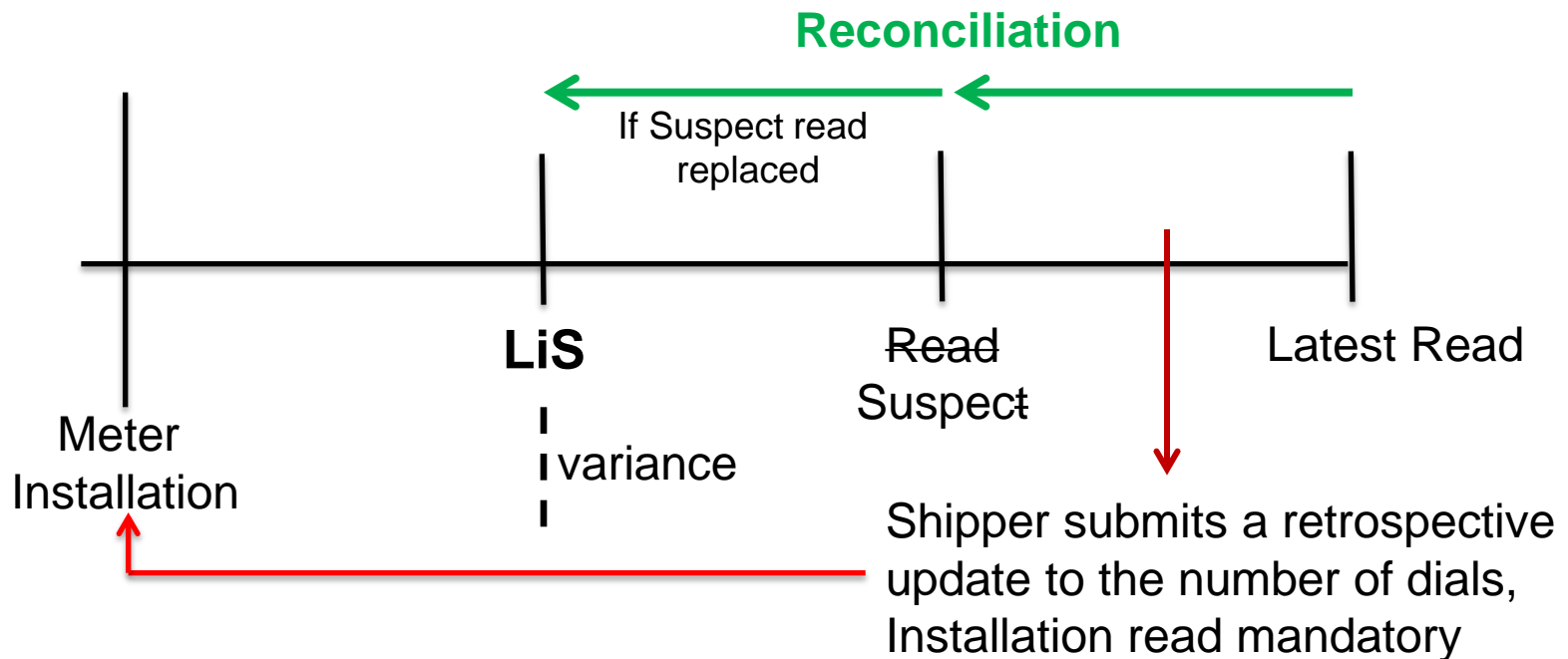
- Shipper identifies a billable attribute for the latest meter installation is incorrect. Installation date of the meter is prior to LiS.
- The effective date of the update will be applied from the latest 'live' asset installation date
- Shipper can replace 'suspect' read or submit a later read, read will be validated back to the read prior to LiS
- The financial adjustment will be calculated back to the read prior to LiS and a reconciliation variance from LiS created



Number of Dials Update

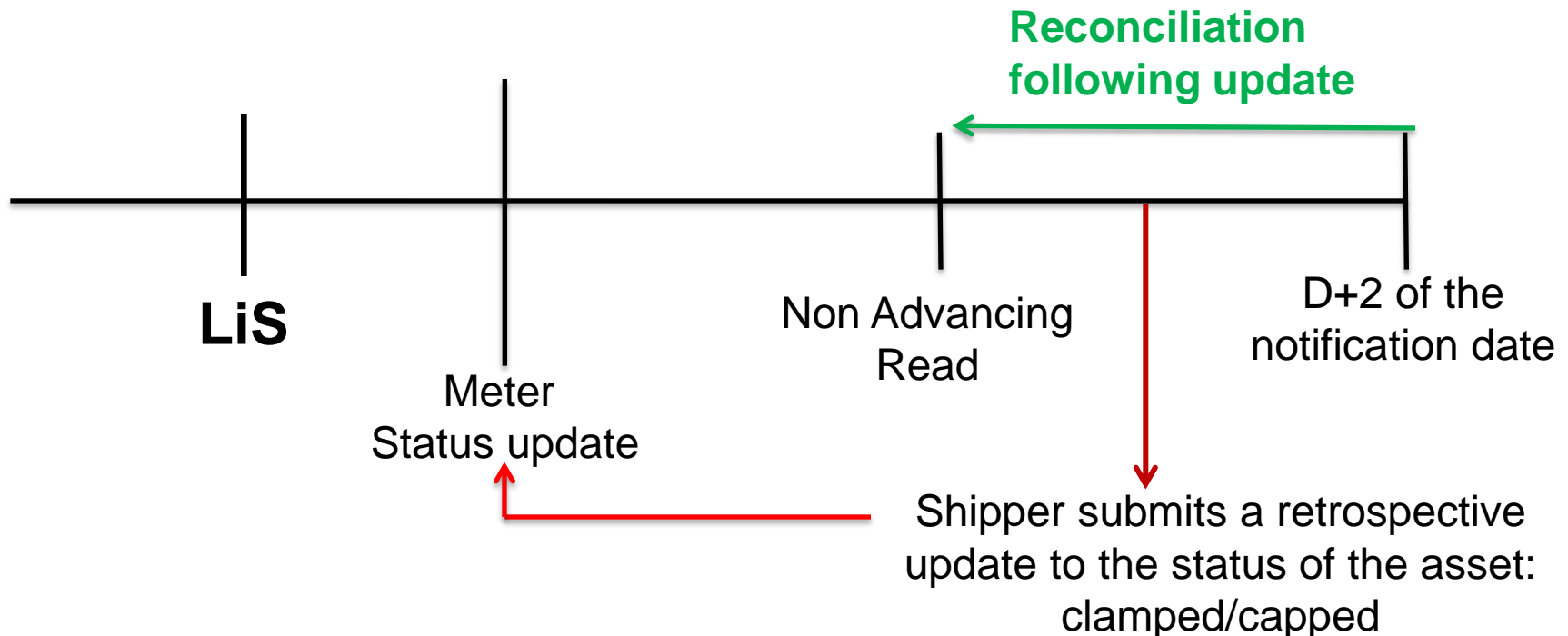
- where the Asset is Installed Prior to LiS

- The effective date of the update will be applied from the latest asset installation date
- Shipper can replace 'suspect' read or submit a later read, read will be validated back to the read prior to LiS
- The financial adjustment will be calculated back to the read prior to LiS and a reconciliation variance from LiS created



Asset Status Update – to Clamped / Capped, Prior to LiS

- Shipper identifies the asset was clamped/capped for an effective date prior to LiS.
- The effective date of the status update must be for LiS date or later
- Reconciliation performed to latest read



Retrospective Updates for iGT Meter Points

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Retro Updates for iGT Meter Points Overview

- Data for iGT meter points is being sent from iGTs to Xoserve in preparation for the migration to UKLink.
- Valid reads received with a read date upto the 31st July 2016 in the iGT database will be migrated to UKLink.
- For Smaller Supply Points (SSP);
 - a valid read received post go-live will trigger a reconciliation back to the last read pre go-live. However, only the charges associated with the post go-live period will be issued.
- For Larger Supply Points (LSP);
 - a valid read received post go-live will trigger a reconciliation back to the last read pre go-live and the charges for the period will be issued for the whole period (read to read).
- Does not apply to existing (at data migration) DM CSEPs



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Retro Updates for iGT Meter Points Overview

cont.

- Updates to data can only be made for an effective date post the last read held on UKLink at migration
- The Shipper will need to estimate the reads and effective date of the update if the actual effective date is earlier
- Asset installation, asset exchange and asset billable updates can only be applied from a date post the last read held on UKLink at migration.
- Meter removal will only be accepted if no actual reads exist post the effective date of the removal date.

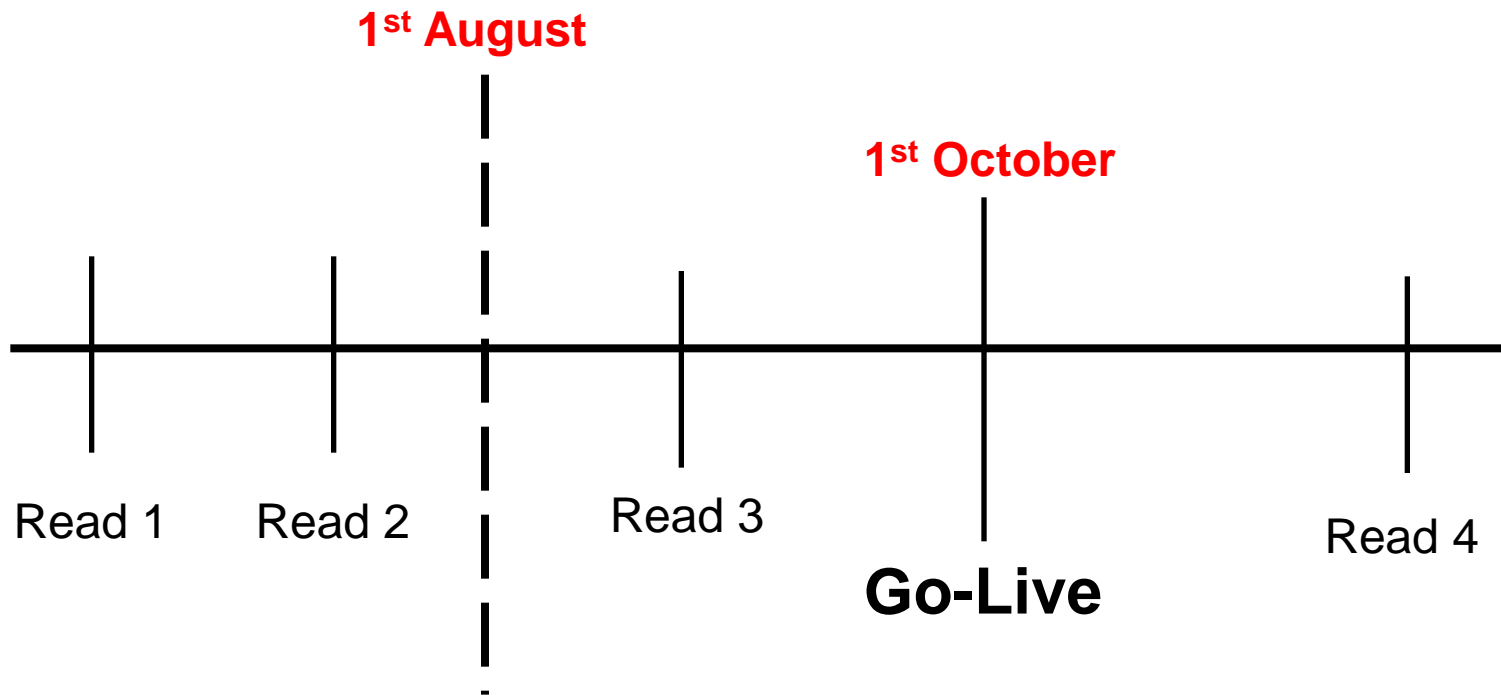
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Diagram to Show Data Migration for iGT Meter Points

Note: Below diagram based on 1st October delivery



Read 3 will not be migrated to UKLink

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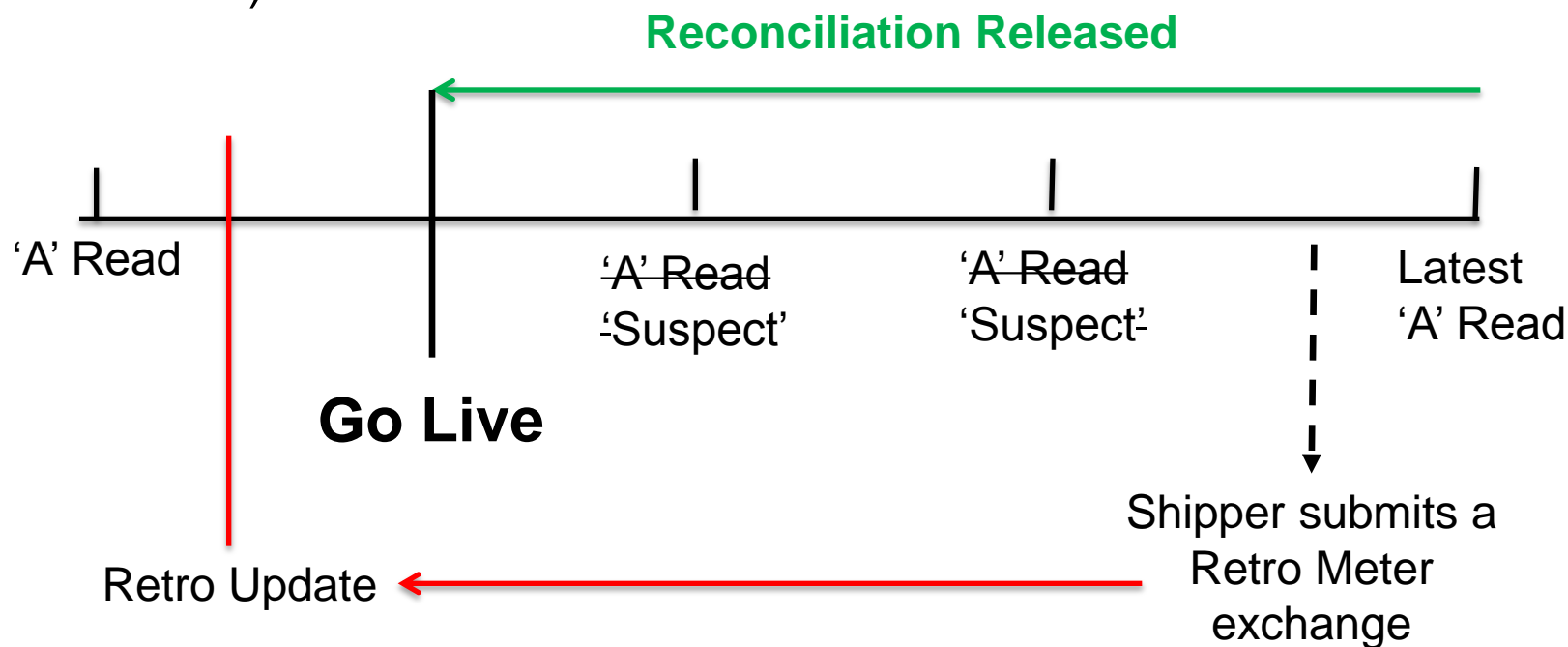


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Retrospective Meter Exchange on iGT Meter

Point: Effective Date Prior to Go Live - SSP

- Shipper identifies a missing meter exchange on a **SSP** for an effective date prior to go-live.
- The effective date of the exchange will need to be for a date post the last read recorded at migration
- Reconciliation charges only released from go-live date (variance created)

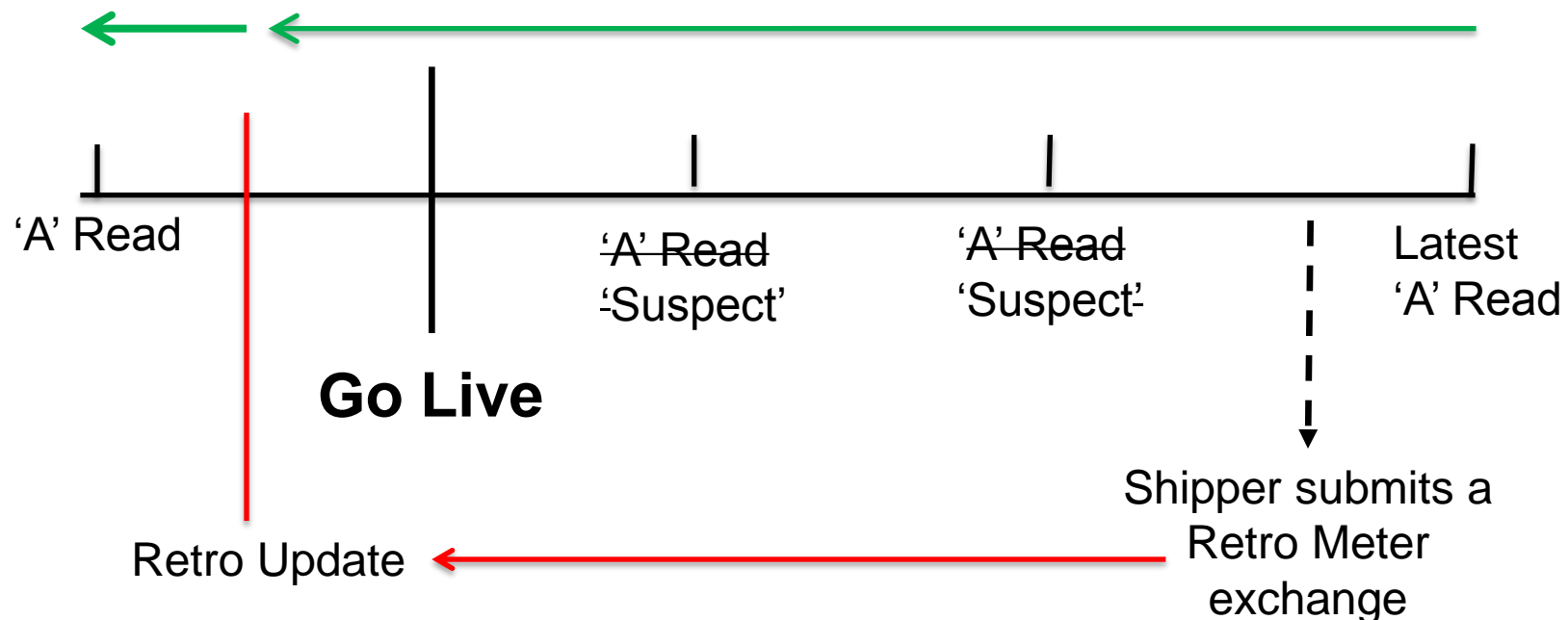


Retrospective Meter Exchange on iGT Meter

Point: Effective Date Prior to Go Live - LSP

- Shipper identifies a missing meter exchange for an **LSP** with an effective date prior to go-live.
- The effective date of the exchange will need to be for a date post the last read recorded at migration
- Reconciliation calculated from latest read to read migrated (prior to 1st August)

Reconciliation Released



Retro Updates on a Meter Point where Check Read Obligations Apply

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Retro Updates on a Meter Point where Check Read Obligations Apply Overview

- Where daily read equipment is installed (AMR / datalogger) and recorded on UKLink;
 - At transfer of ownership the transfer/opening read will be treated as a Check Read for reconciliation purposes
 - Where asset updates are received it is assumed that the meter & daily read equipment have been re-synchronised therefore the reads received will be treated as a Check Read
- The Check Read will trigger reconciliation back to the previous Check Read/installation read/asset update read.
- The Transfer read/Opening read/asset update read will be the start read for the next Check Read received.
- Where reconciliation has taken place following receipt of a Check Read, reads can not be replaced or a consumption adjustment can not be processed in the Check Read reconciliation period

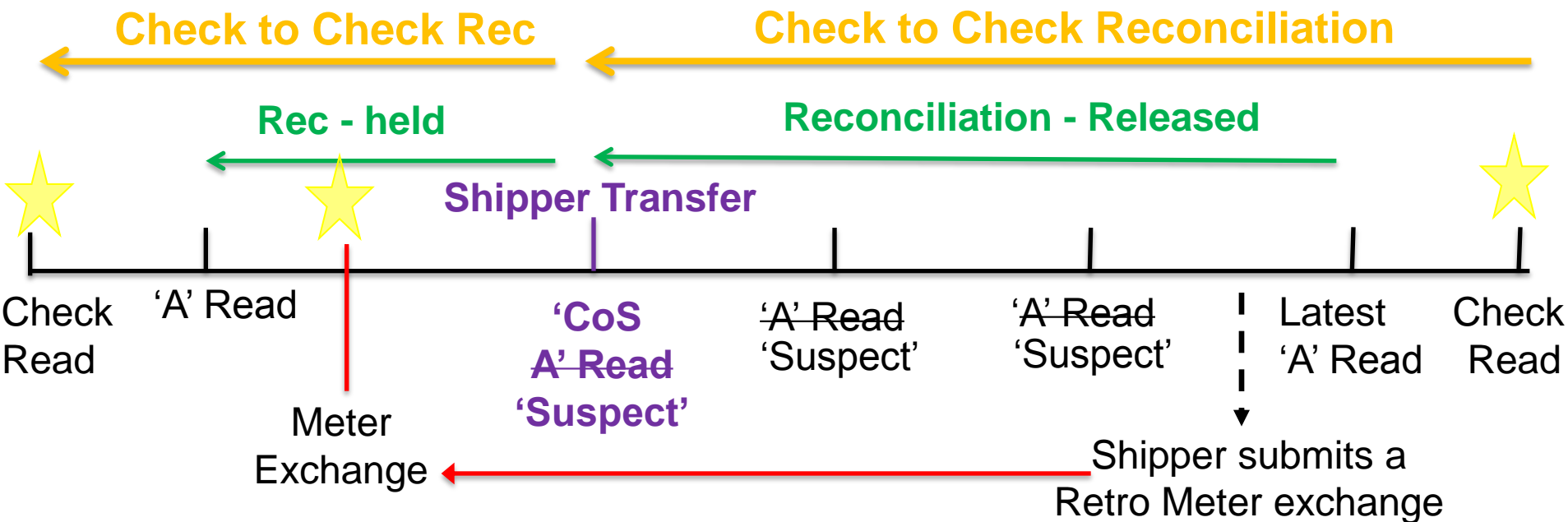
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Retrospective Meter Exchange with Check Reads and Transfer of Ownership

- Request for a meter exchange, change in Shipper. AMR installed. Subsequent reads recorded and Check Read



Note: The removal read / install read on the meter exchange will be recorded as a Check Read where daily read equipment (AMR) is installed. All 'drift' will be allocated to the Incoming Shipper

 - Check Read anniversary date set

Retro Updates where the Effective Date is Forward Dated

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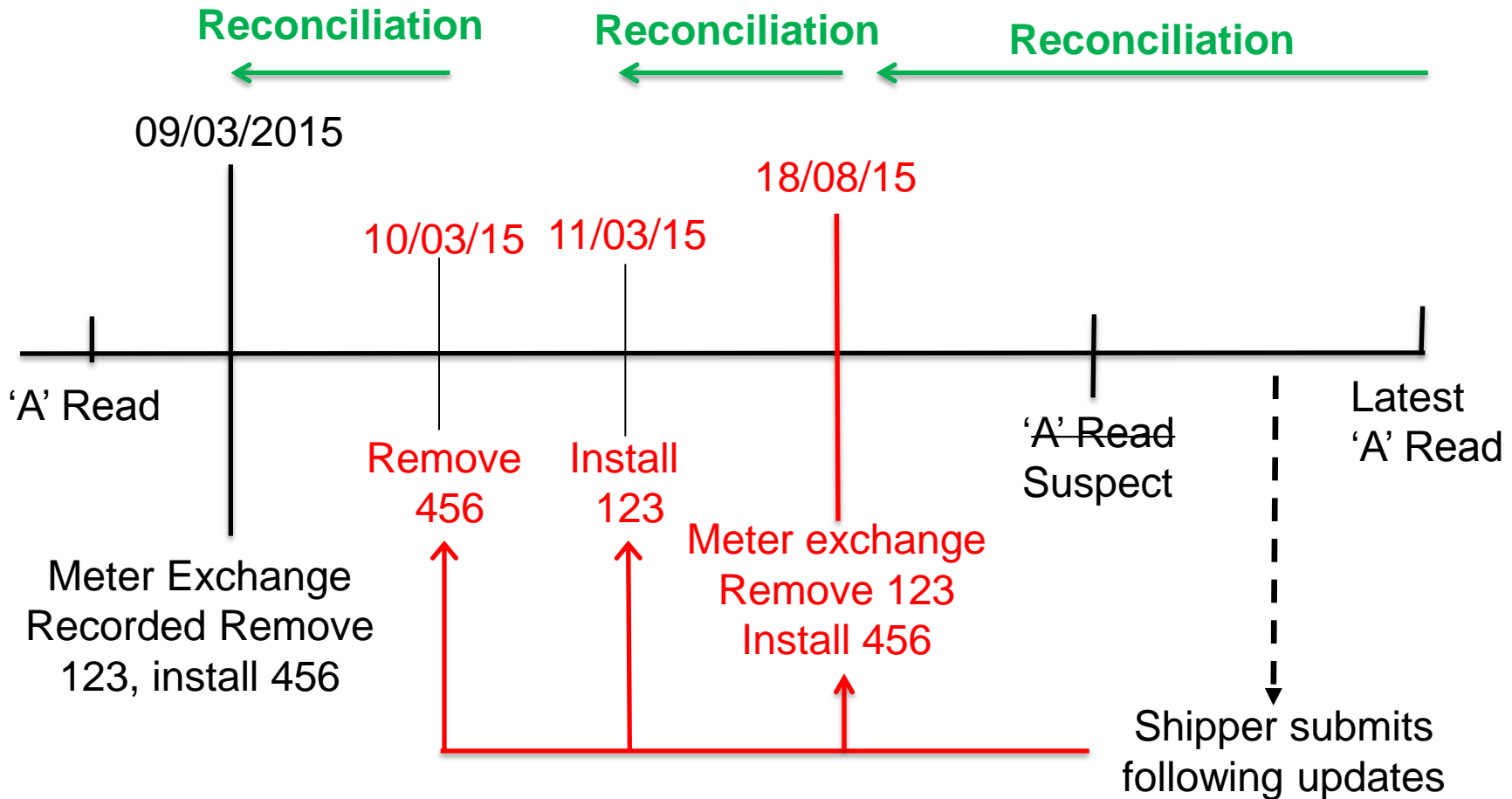


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Forward Dating the Recorded Meter Exchange with Transfer of Ownership

- Current Shipper identifies that the meter exchange recorded should actually be effective for a later date.
- Shipper will need to submit the following updates in order to correct the effective date of the exchange:
- Scenario: Meter exchanged on 9th March 2015. Meter 123 removed (reading 7500). Meter 456 installed (reading 0000). Meter exchange actually took place on 18th August 2015.
- Steps:
 - Remove meter 456 for 10th March 2015 reading 0000
 - Install meter 123 for 11th March 2015 reading 7500
 - Meter exchange 123 (remove reading 7500) to 456 (install reading 0000) for 18th August 2015

Forward Dating the Recorded Meter Exchange with Transfer of Ownership



Retro Updates on ‘Unique Sites’

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What is a Unique Site?

- Current classification of a Unique Site:
 - Telemetered (NTS & LDZ)
 - Shared Supply Meter Points (SSMP)
 - Shorthaul
 - DM CSEP
 - Variable Pressure
 - Interconnector
- The existing population of Unique Sites will be migrated and managed on UKLink.
- Retro Updates will apply to all of the existing population of 'Unique Sites' with the exception of;
 - Telemetered Sites
 - Interconnectors
- Shipper can not update asset data where they are not responsible for the asset

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Telemetered & Interconnectors

- Retro Updates will not apply to Telemetered (NTS & LDZ) meter points & Interconnectors because;
 - Asset data is not held for Interconnectors
 - Asset data may not be correct for Telemetered sites, not required as asset data not used to calculate energy
 - Energy is calculated by National Grid Transmission and not Xoserve. Consumption & energy does not use the asset or Supply Point data held.
 - Where the energy recorded for the day is not correct a consumption adjustment used to adjust the energy for the day / period

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Shared Supply Meter Points

- Where a retro update is received (from one of the sharing Users) the validation applied to the update will be the same as any other site.
- Following the update, when reconciliation is calculated, the energy will be apportioned;
 - Based on the original allocation, default values for non-Agent sites
 - Based on the allocation advised by the Agent
- Energy is apportioned to all Registered Users on the day for each day in the period of the reconciliation

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Shorthaul (NTS & LDZ)

- Where a retro update is received the validation applied to the update will be the same as any other site.
- Following the update, reconciliation is calculated, the energy will be apportioned and the relevant charges applied to the daily revised energy

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DM CSEP & Variable Pressure Sites

- Where a retro update is received the validation applied to the update will be the same as any other DM site.
- Following the update reconciliation is calculated, the energy will be apportioned and adjustment issued
- For variable Pressure the correction factor applied for the day would be used to calculate the energy

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Read Replacement

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Read Replacement Overview

- Scope of retro read replacement;
 - Class 1 & 2, estimated reads after GFD+5
 - Class 1 & 2, actual reads via a consumption adjustment (unless a transfer read)
 - Class 3 & 4, actual meter reads
 - Transfer read via the Shipper Agreed Read (SAR) process
 - Asset installation read
 - Meter isolation read
 - Asset removal read
- Check Reads can not be replaced once they have been processed
- Replacement reads will be subject to read validation rules including the tolerance checks
- The replacement read must be equal to or greater than a previous read and equal to or less than a later read

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Read Replacement Overview cont.

- Shipper can only replace reads in their period of ownership
- Reads provided by the GT can not be replaced by the Shipper, e.g. Must Reads
- Where the read is associated with an asset (removal/installation) only the Shipper registered at the meter point on the effective date of the asset update can update the read.
- Where the transfer read is replaced via the SAR process, a reconciliation will be triggered to both Shippers
- A read can not be replaced within the period of a consumption adjustment
- A read can not be replaced within the period of the Check to Check reconciliation
- A consumption adjustment will be rejected if within the Check to Check reconciliation period

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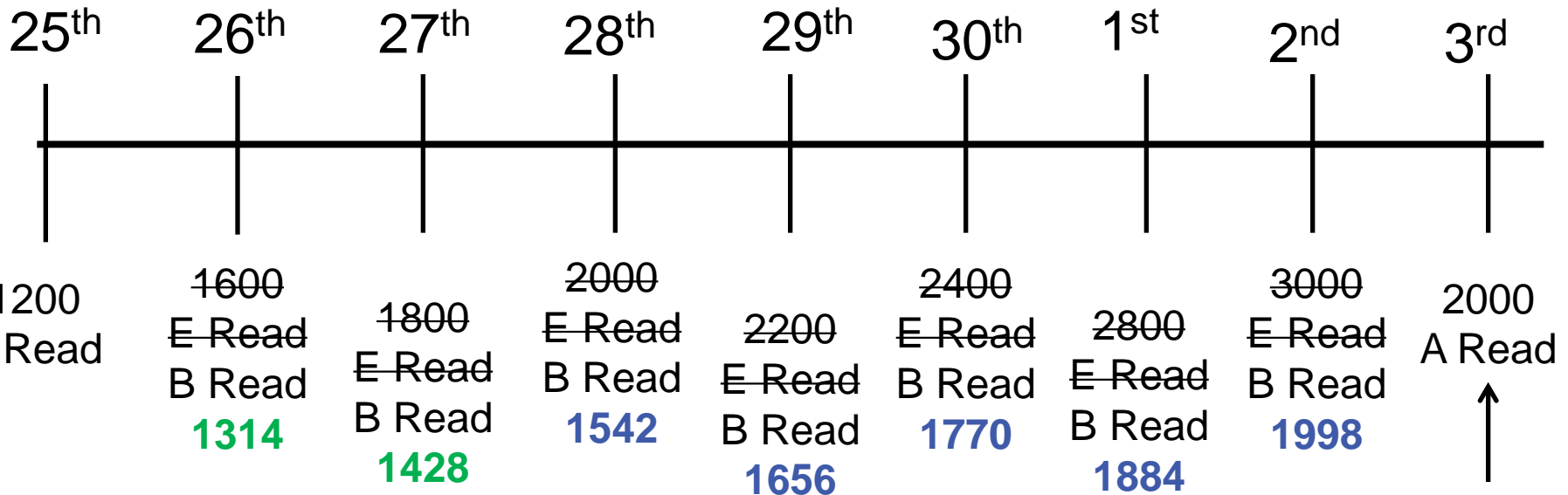


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Read Replacement – Class 1 & 2

**‘Better Estimate created
& triggers Reconciliation**

**‘Better Estimate’ created
& feeds allocation processes**



Note:

- Actual read on the 8th must be equal to or greater than the previous actual read on the 31st
- Reads within D+5 would feed allocation processes,
- Reads outside D+5 will trigger reconciliation

Received today (3rd)

For GFD of 2nd

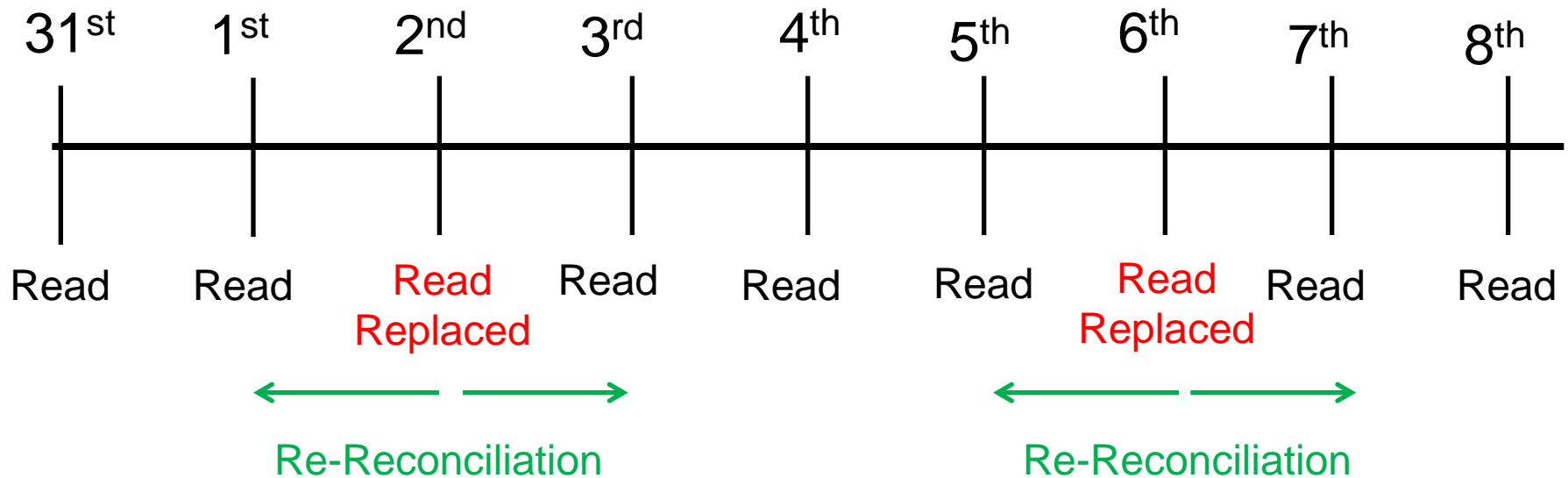
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Read Replacement – Class 3

- Shipper replaces read for the 2nd & 6th



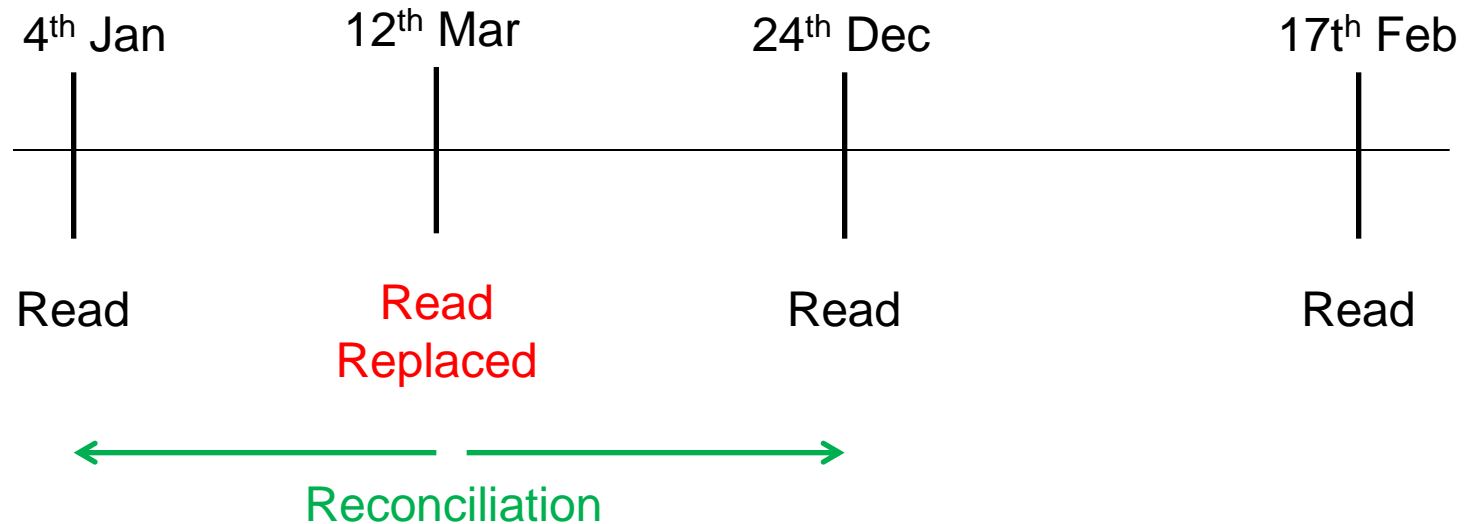
Note: Replacement read must be equal to or greater than previous read & equal to or less than later read

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Read Replacement – Class 4



Note: Replacement read must be equal to or greater than previous read & equal to or less than later read

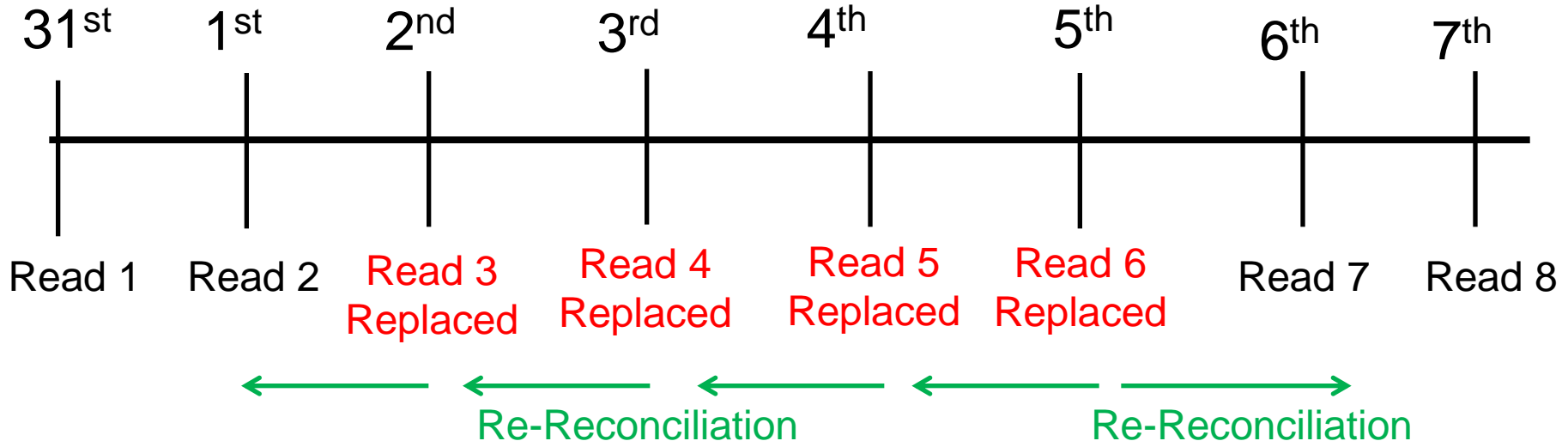
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Read Replacement – String of Reads

- Shipper replaces read for the 2nd to the 5th



Note:

- Replacement read must be equal to or greater than previous read & equal to or less than later read
- Each read replaced will validate to the previous & latest valid read:
- Therefore: Read 3 validated against Read 2, Read 4 validated against Read 3 etc. If read 3 rejected, Read 4 validated against Read 2.

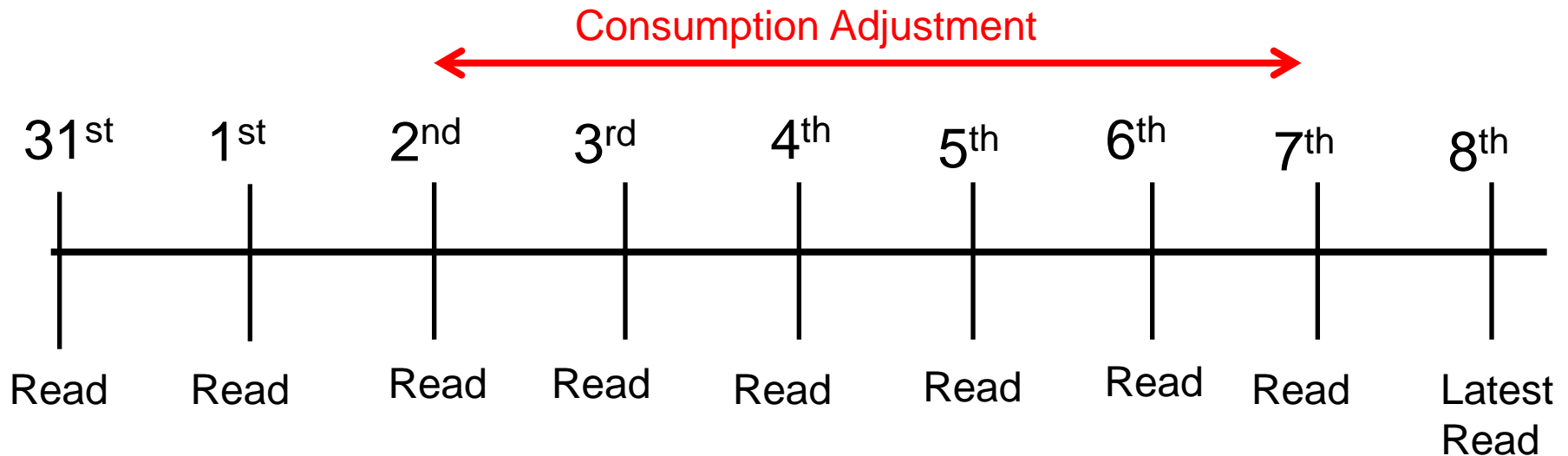
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Consumption Adjustments

- Shipper submits a consumption adjustment for the period 2nd to the 7th
- Consumption Adjustment replaces the consumption for the 2nd through to the 7th



Note:

- Read received on the 8th would be validated back to the read on the 7th
- Read can not be replaced within the period of the consumption adjustment

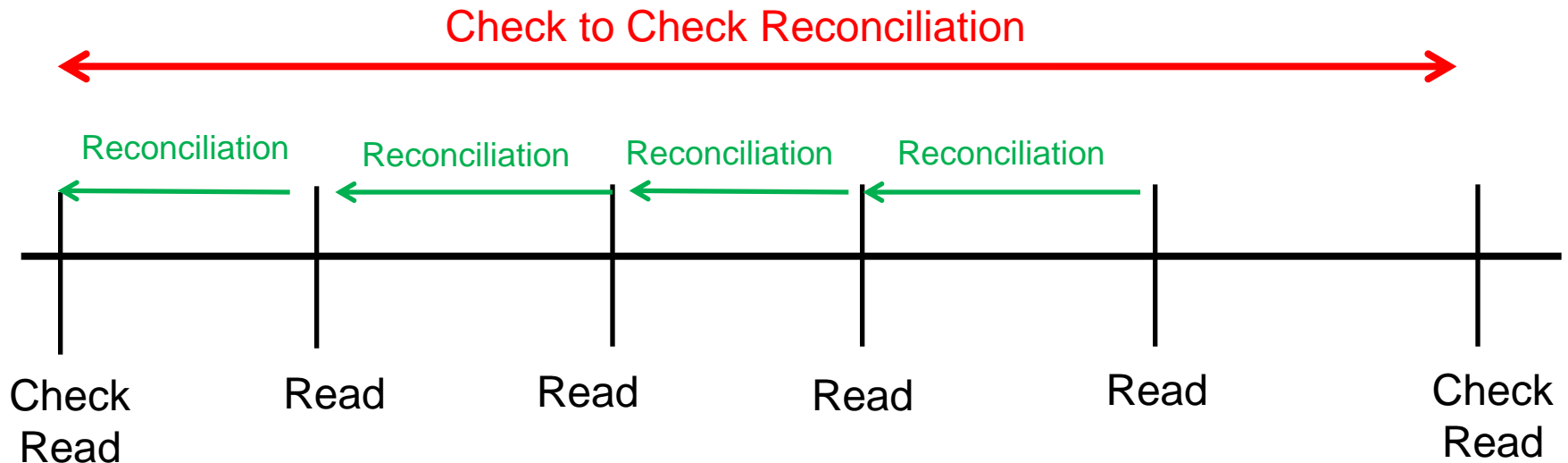
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Check Read Period

- Shipper submits Check Read details which will create a reconciliation to the previous Check Read
- 'Drift' will be allocated to all days within the Check to Check period



Note:

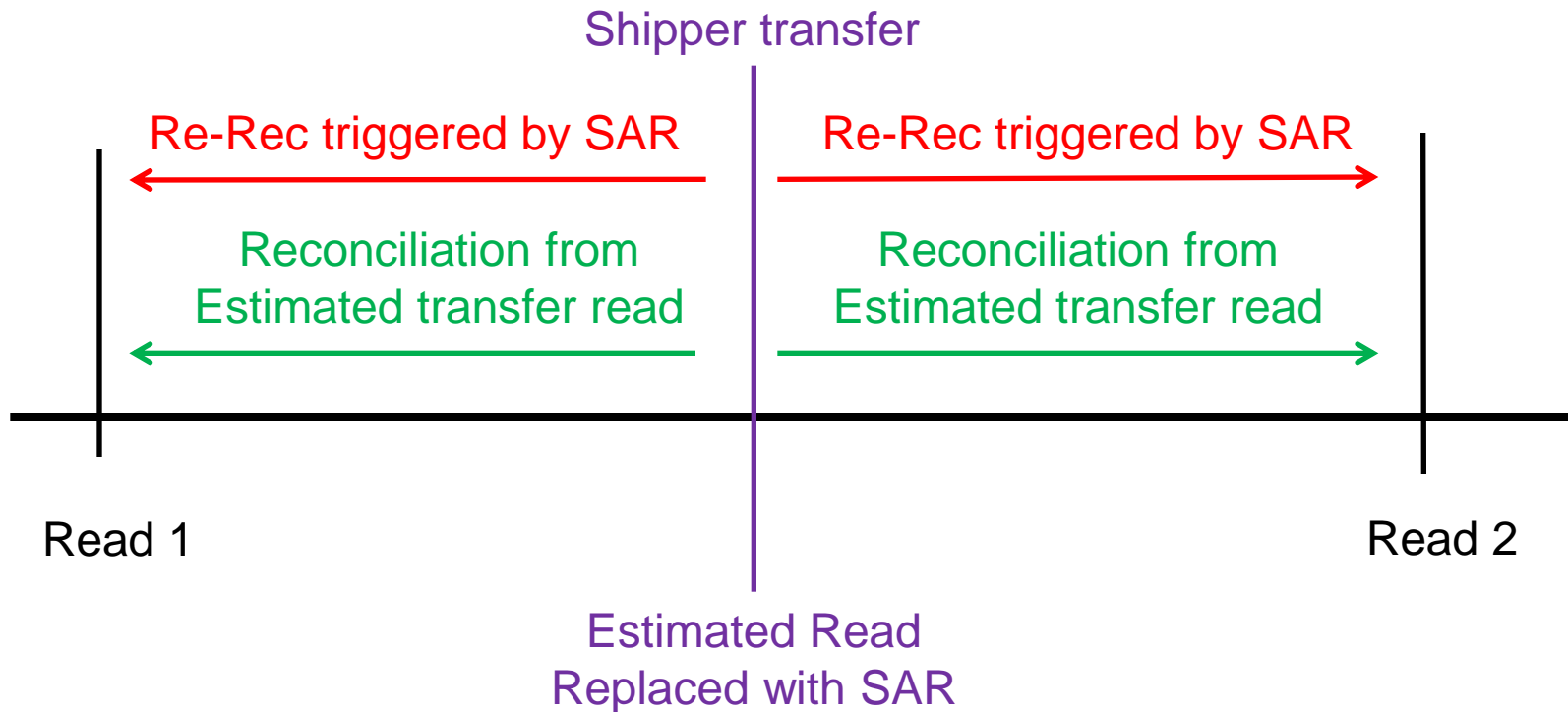
- Reads can not be replaced within a period of the Check to Check reconciliation
- Above example for Class 3 & 4. Reconciliation for Class 1 and 2 only where actual received following estimate after GFD+5

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Replacing a Transfer Read – Shipper Agreed Read Process (SAR)



Note: The SAR read must be equal to or greater than Read 1 and Equal to or less than read 2

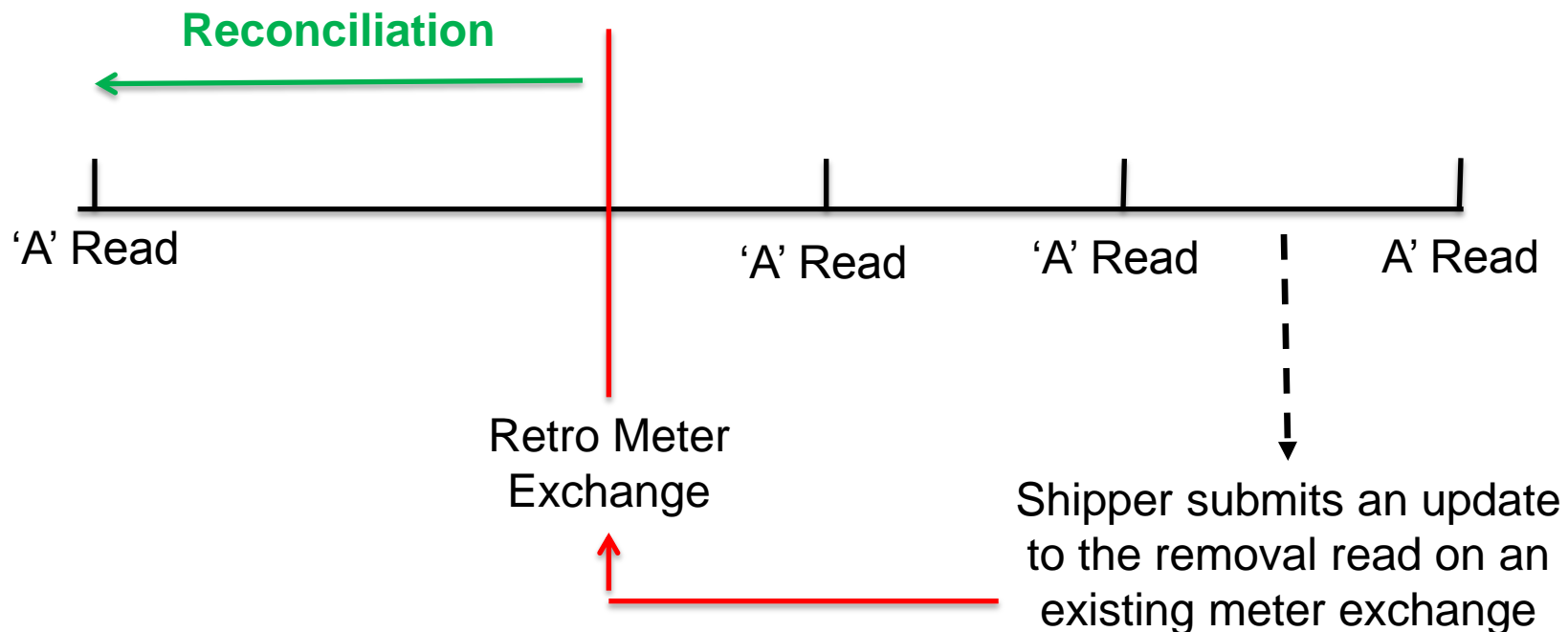
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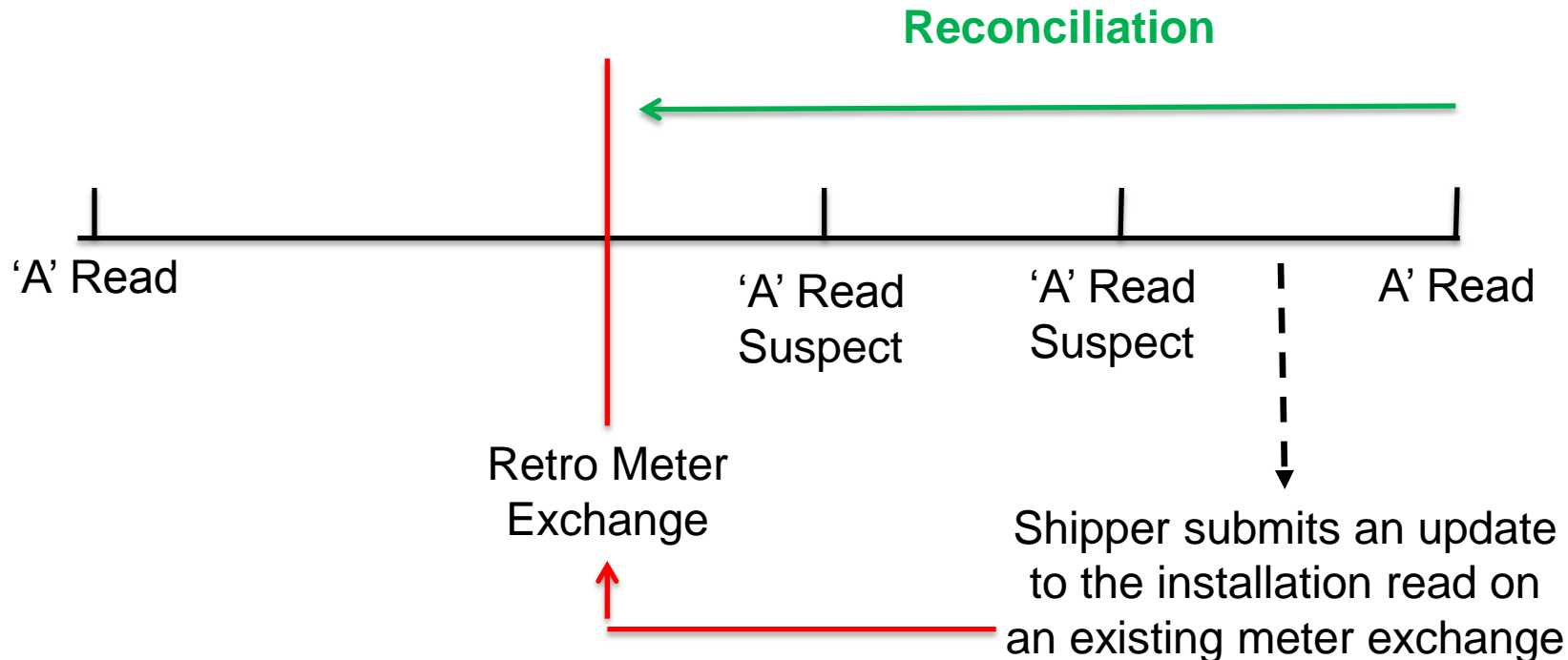
Update to the Removal Read on an existing Meter Exchange

- Shipper identifies the removal read of the meter exchange recorded was incorrect
- Shipper submits an updated removal read on the retro file (RTO)



Update to the Installation Read on an existing Meter Exchange

- Shipper identifies the installation read of the meter exchange recorded was incorrect
- Shipper submits an updated installation read on the retro file (RTO)



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