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Retrospective Updates Issues Raised at RAASP Workshops - UPDATED

10th November 2015

Background

- Three workshops have taken place to walk through the processes and scenarios for Retrospective Updates
- During detailed design and working through the detail of the scenarios, a couple of issues have been identified
- In summary these are:
 - Reconciliation for the previous Shipper following the current Shipper replacing the transfer read via a Shipper Agreed Read
 - Marking reads as 'Suspect' for all retro updates
- Following slides provides more information, options & agreed position.

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Impact on replacing a Transfer Read following a Retro Update

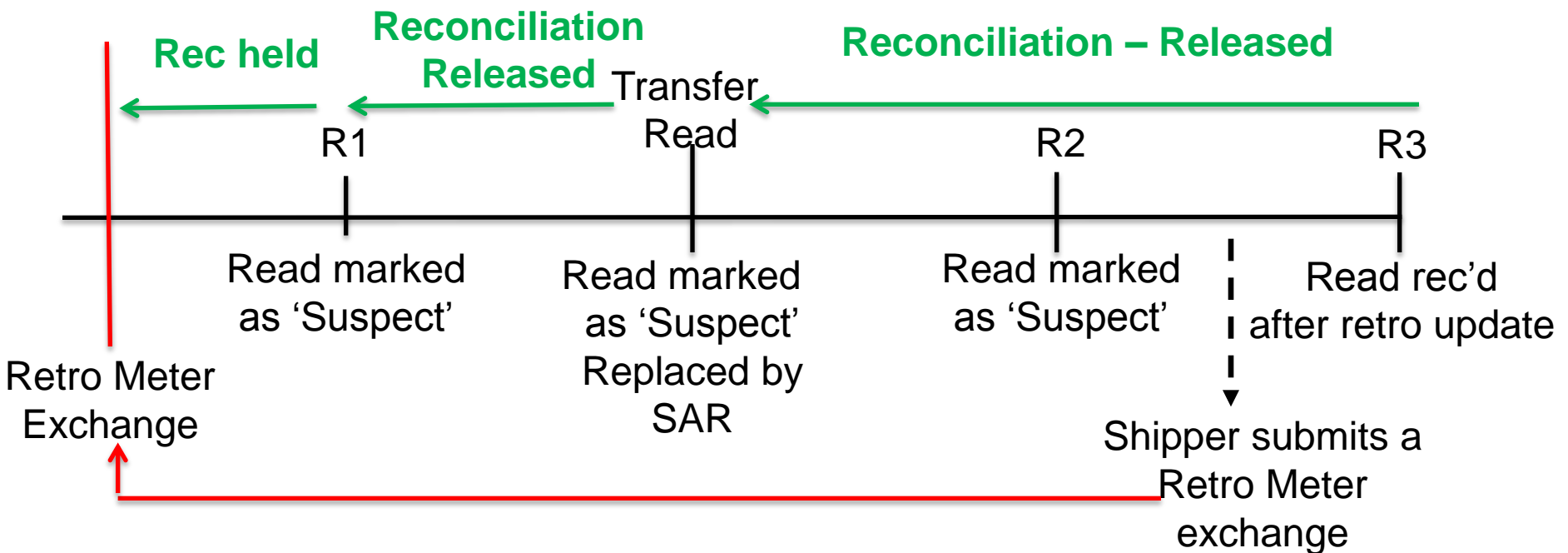
- If a transfer read is replaced the Shipper is warranting that the read has been agreed with the previous Shipper. This will result in a Reconciliation to the outgoing Shipper
- It was agreed that the Reconciliation will be calculated from the replaced transfer read to the previous read only, not the read as part of the retro update
- However, all reads following the Retro Update will be marked as 'Suspect' and therefore deemed not to be valid
- Options:
 - Calculate the reconciliation from the transfer read to the previous read (Suspect)
 - Calculate the reconciliation to the previous valid read (retro update read) and not the 'Suspect' read



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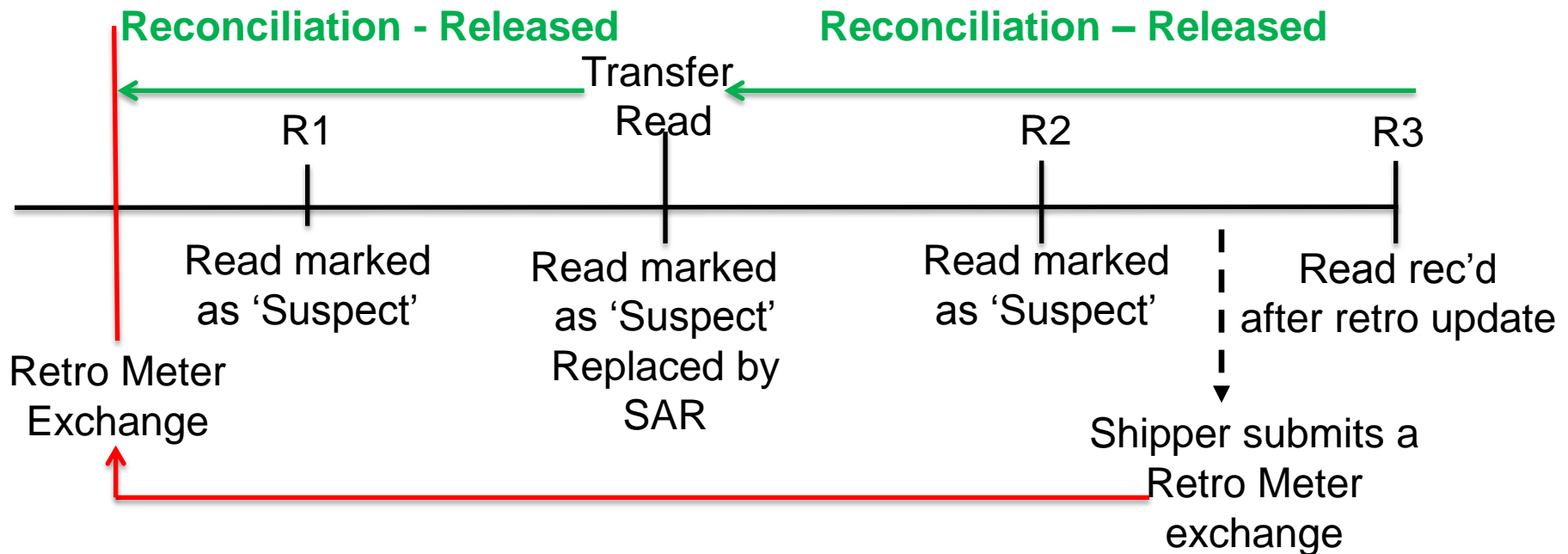
Retrospective Meter Exchange with Transfer of Ownership – Option 1

- Current Shipper submits a retro meter exchange in a previous Shippers ownership. Read(s) recorded between the update and transfer read
- Option 1: Calculate the reconciliation from the transfer read to the previous read (R1) which will be marked as 'Suspect'



Retrospective Meter Exchange with Transfer of Ownership – Option 2 (Agreed)

- Current Shipper submits a retro meter exchange in a previous Shippers ownership. Read(s) recorded between the update and transfer read
- Option 2: Calculate the reconciliation from the Transfer Read to the previous valid read (Retro Meter Exchange read)



Marking Reads as 'Suspect' following a Retro Update

- Where a retro update is carried out which affects the consumption and not the reads e.g. update from metric to imperial, any reads recorded after the update will not be marked as 'Suspect', they will be used to re-calculate the consumption using the updated information
- Marking reads as 'Suspect' prevents the consumption & energy being used in any downstream processes e.g. AQ process
- Options:
 1. Continue to only 'Suspect' reads when the update can not rely on the reads recorded e.g. meter exchange, update to the dials
 2. 'Suspect' all reads recorded after the effective date of the retrospective update

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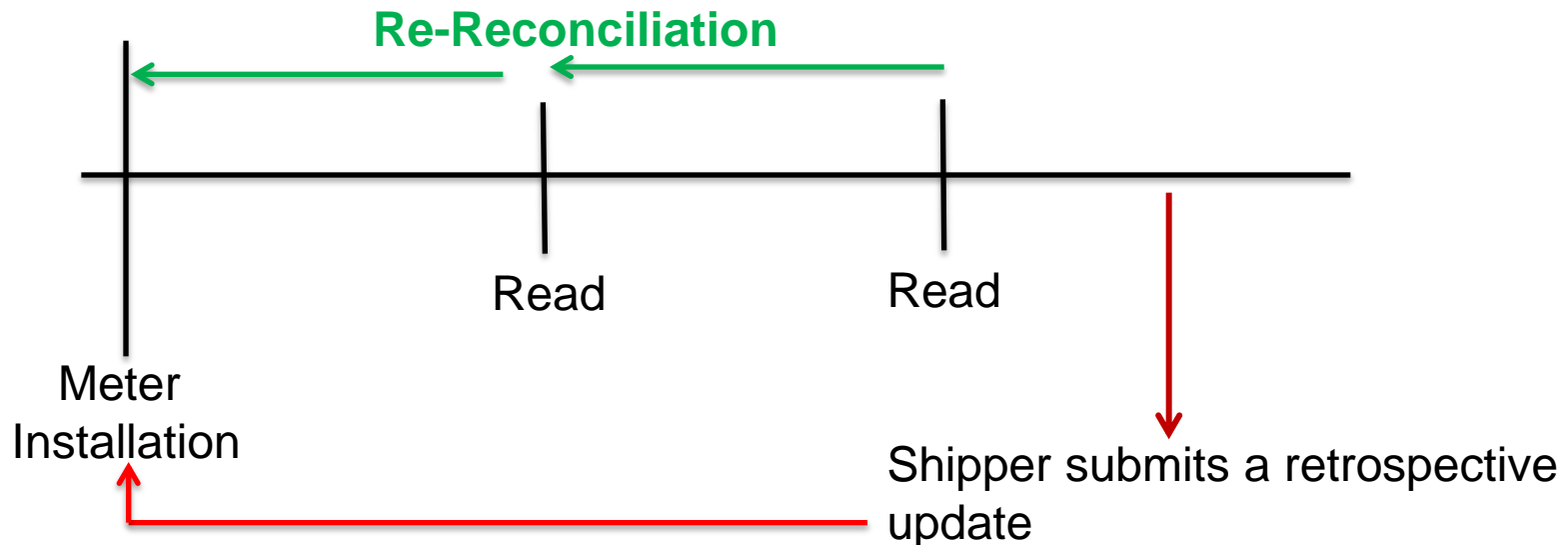
Impact to reads and/or consumption for Asset Updates

Data Item	No Impact to Reads or Consumption	Impact to Consumption Only	Impact to Reads and Consumption
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			Yes
Meter Model	Yes		
Meter mechanism	Yes		
Manufacturer & Year	Yes		
Meter Serial Number	Yes		

* Different to statement in Retro Updates BRD v4.0

Metric/Imperial Indicator, Read Factor Update - Billable attribute - Option 1

- Shipper submits a retrospective **billable** asset update. Impact to consumption only, reads deemed to still be valid
- Option 1: Reads not marked as 'Suspect'. Consumption recalculated based on reads recorded & the updated values. Reads will be validated & where valid, reconciliation processed



Metric/Imperial Indicator, Read Factor Update - Billable attribute – Option 2 (**Agreed**)

- Shipper submits a retrospective **billable** asset update. Impact to consumption only, reads deemed to still be valid
- Option 2: Reads marked as 'Suspect'. Consumption re-calculated only when the 'Suspect' reads are replaced or a later read submitted. Reconciliation processed

