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Project Nexus Workgroup
Read Validation following
Transfer of Ownership – Options
Agreed at November PN UNC
13th October 2015

Background

- Proposals raised via the 'Requirements Log' at September PN UNC, action (0904) taken to provide examples of the proposals
- Three process improvements have been identified around actual read submission following an estimated transfer read;
 - Read tolerance validation of a read following an estimated transfer read
 - For Class 1 & 2, actual read following an estimated transfer read
 - Applying 'Round the Clock Count' (TTZ) following an estimated transfer read
- The following slides provide the option agreed on the treatment of the above scenarios

XXserve



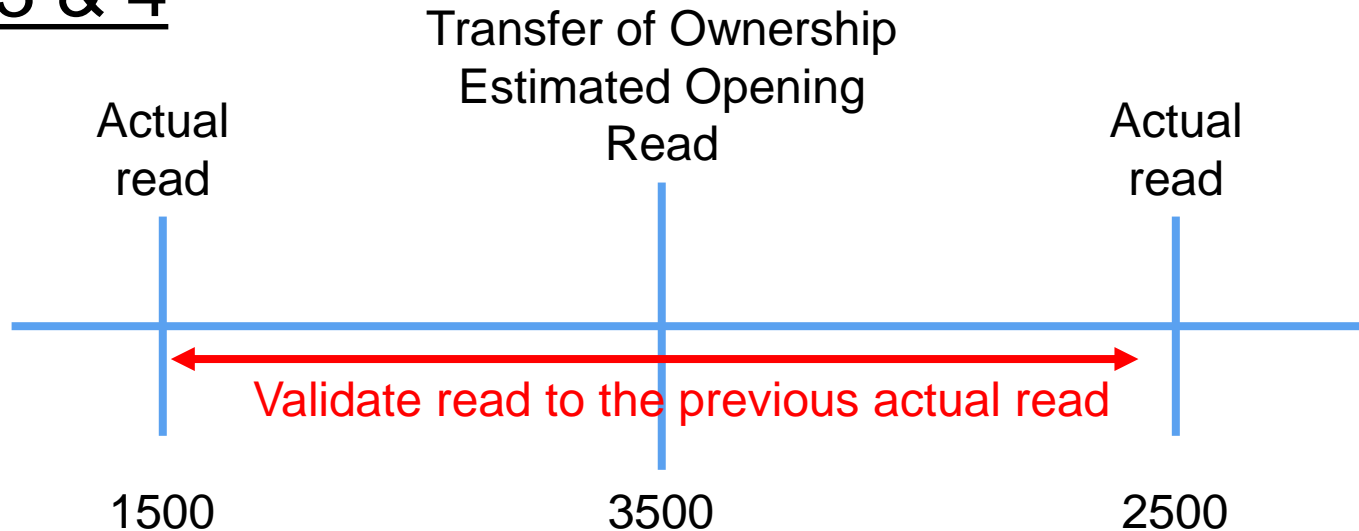
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Read Validation following an Estimated Transfer Read

- Where an actual read is received following an estimated transfer read the current tolerance validations will reject the actual read if less than the transfer read
- Options:
 1. Introduce negative tolerances
 2. Reject the read, would need to continue to reject until the actual read is equal to or greater than the estimated read
 3. Validate the read using the last actual read - **Agreed**

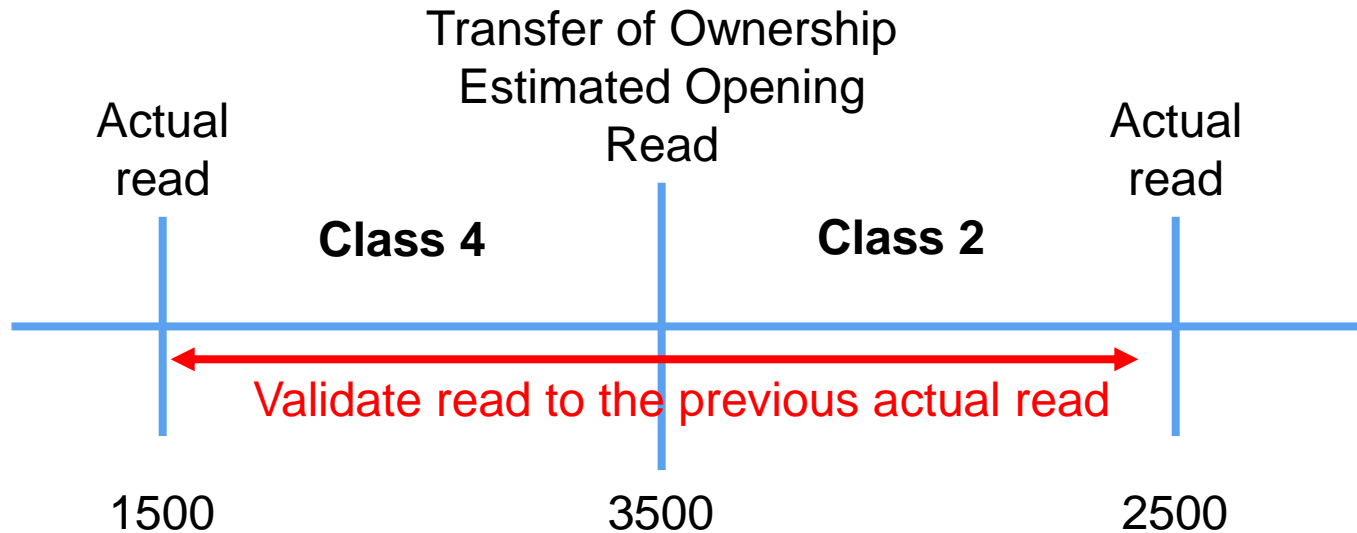
Read Validation following an Estimated Transfer Read – Option 3

Class 3 & 4



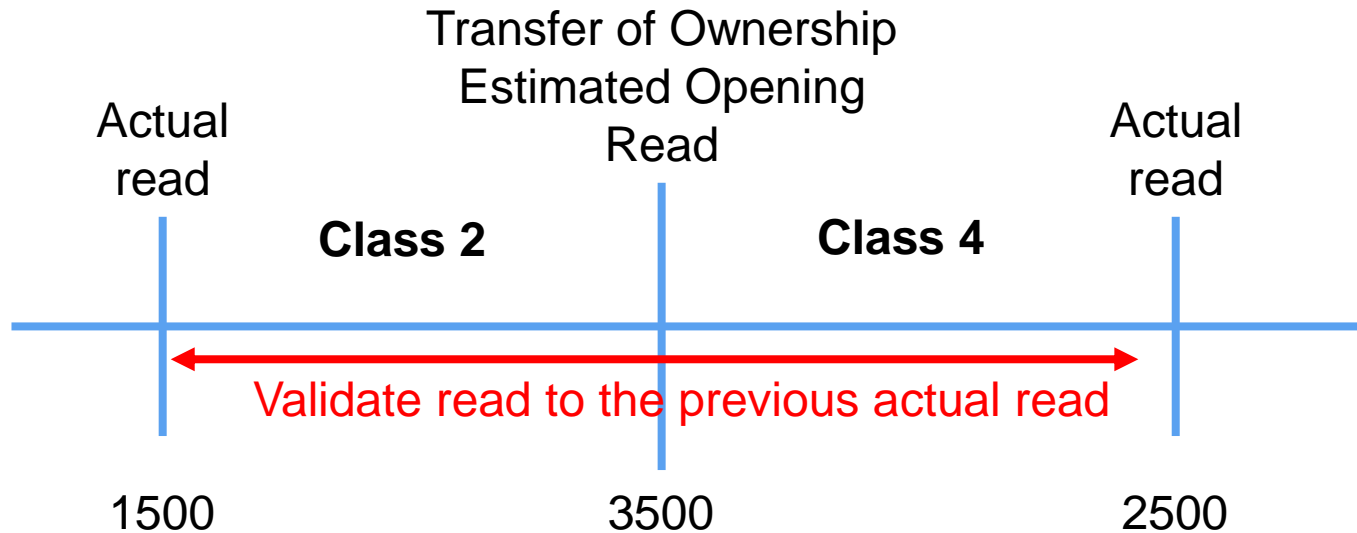
- Validate the read using the previous actual read
 - Consumption & energy calculated between the two actual reads, the energy between the two reads used to validate the read against the read validation tolerances
 - Reconciliation calculated from the transfer read

Read Validation following an Estimated Transfer Read – Option 3 **change in Class NDM to DM**



- Validate the read using the previous actual read
 - Consumption & energy calculated between the two actual reads, the energy between the two reads used to validate the read against the read validation tolerances

Read Validation following an Estimated Transfer Read – Option 3 change in Class DM to NDM

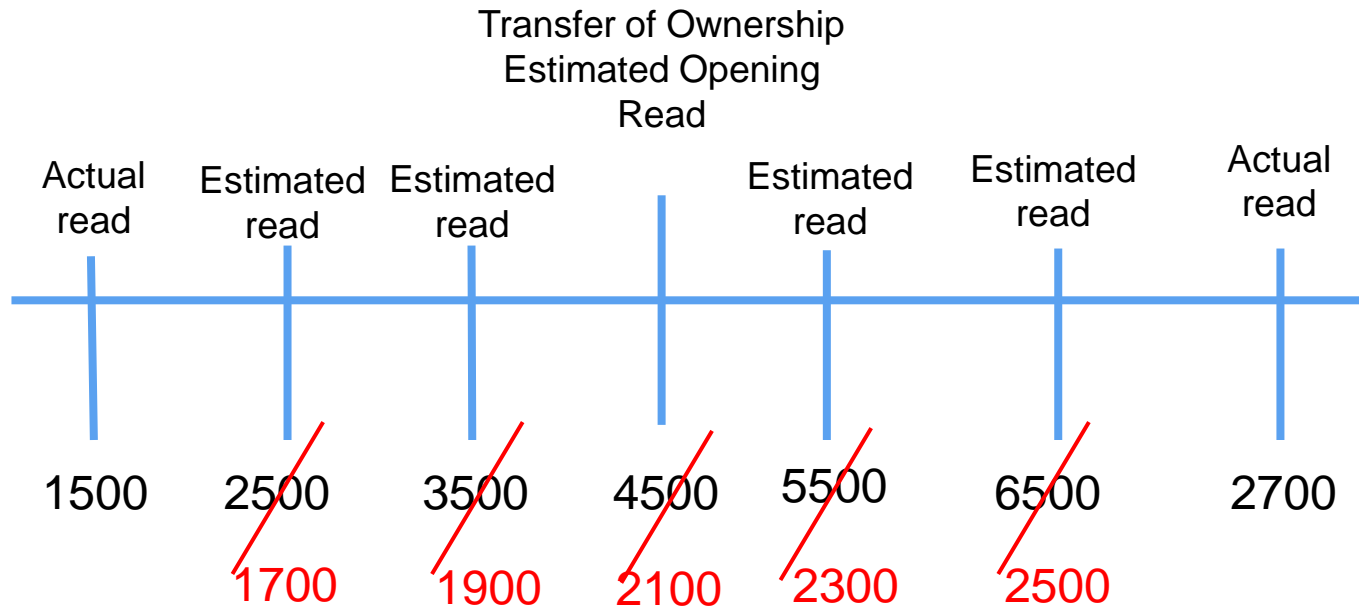


- Validate the read using the previous actual read
 - Consumption & energy calculated between the two actual reads, the energy between the two reads used to validate the read against the read validation tolerances
 - Reconciliation calculated from the transfer read

Class 1 & 2; Actual Read following an Estimated Transfer Read

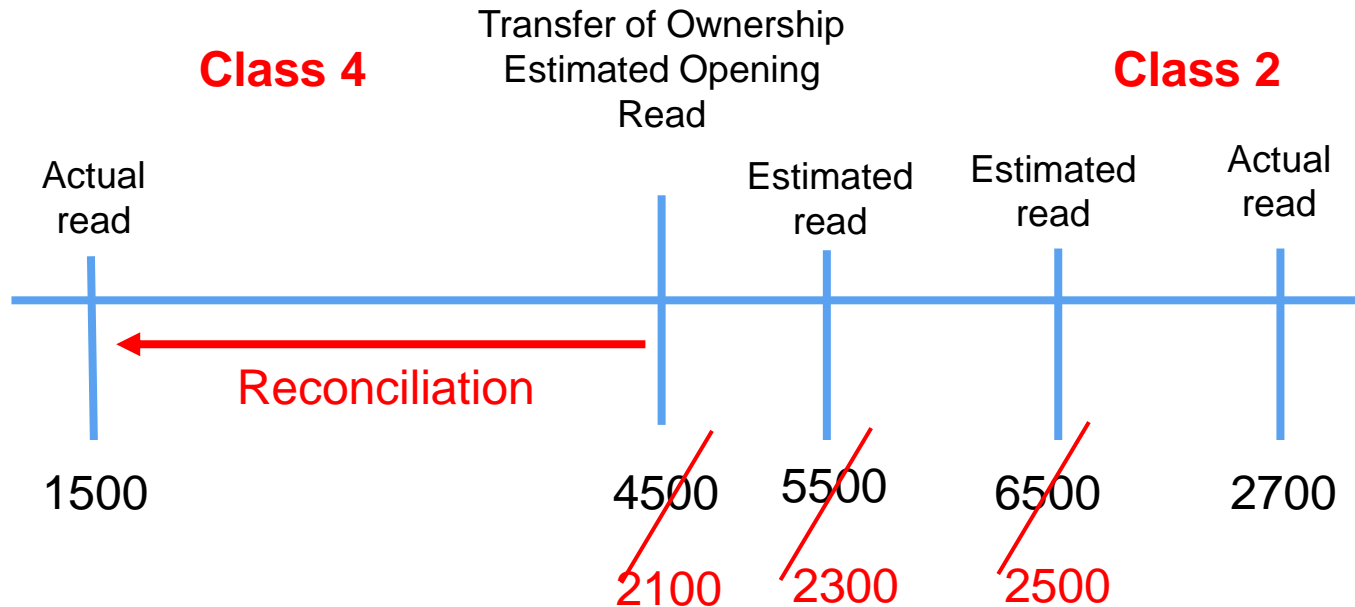
- Where an actual read is received following an estimated transfer read, if the actual read is less than the estimate this will create a negative energy for allocation.
- Negative energy for a GFD should not be used for allocation processes, not correct & affects unidentified gas
- For normal daily processes, no transfer in ownership, 'better estimates' will be created between the two actual reads
- Agreed process: Following an estimated transfer read, re-calculate the estimate(s) back to the previous actual read, including the estimated transfer read

Class 1 & 2; Actual Read following an Estimated Transfer Read



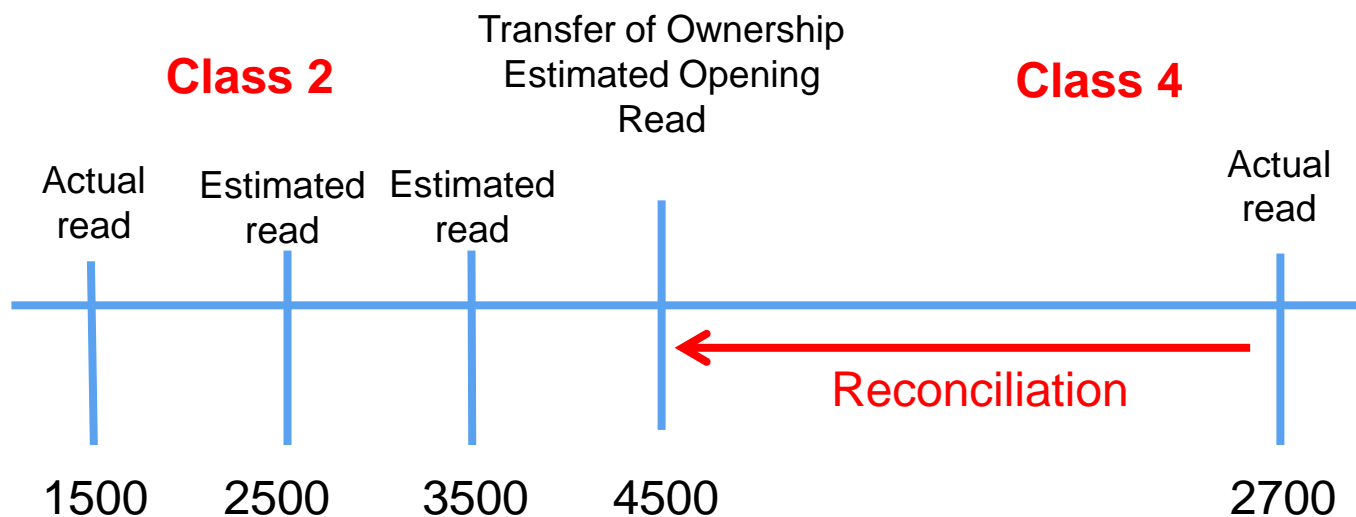
- All the estimated reads between the actuals are re-calculated to create new estimated reads: 'Better Estimate', including the transfer read
- The re-calculated estimated consumption within GFD+5 will be used for allocation processes, reads outside GFD+5 will be used for Reconciliation
- The new estimated transfer read will be notified to the outgoing Shipper and will create a Reconciliation.
- Estimated transfer read can be replaced which would create a Re-rec.

Class Change; Actual Read following an Estimated Transfer Read



- All the estimated reads between the actuals are re-calculated to create new estimated reads: 'Better Estimate', including the transfer read
- The re-calculated estimated consumption within GFD+5 will be used for allocation processes, reads outside GFD+5 will be used for Reconciliation
- The new estimated transfer read will be notified to the outgoing Shipper and will create a Reconciliation.
- Estimated transfer read can be replaced which would create a Re-rec.

Class Change; Actual Read following an Estimated Transfer Read



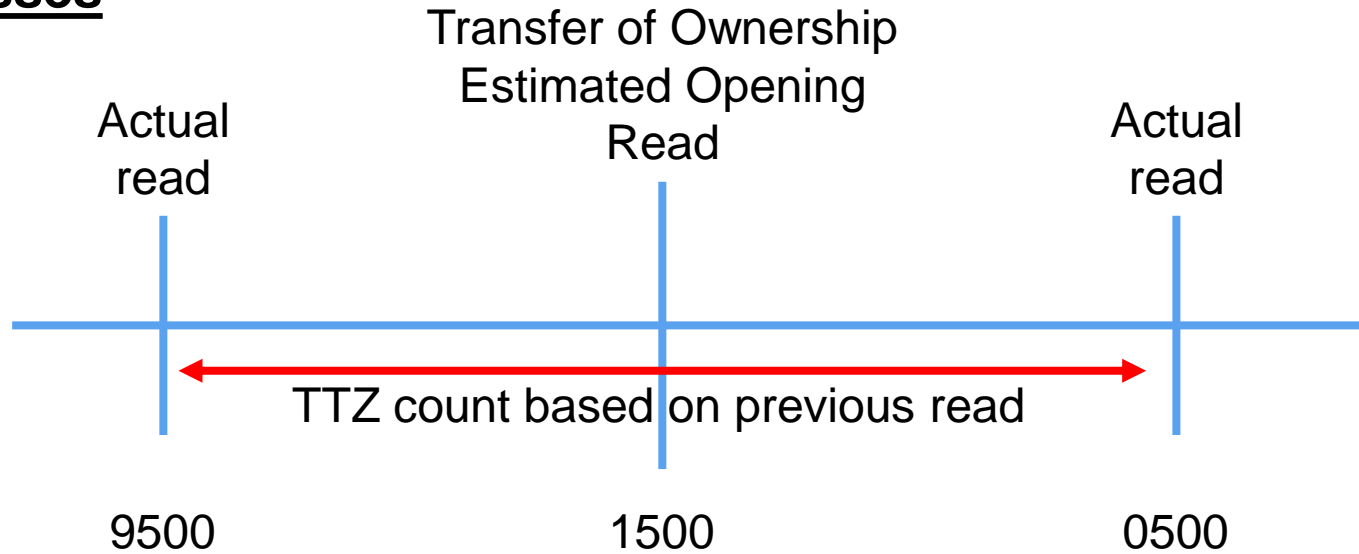
- Estimated transfer read would not be replaced as it does not feed Allocation processes
- Reconciliation from the actual read to the transfer read

Applying 'Round the Clock Count' (TTZ) following an Estimated Transfer Read

- Where an actual read is received following an estimated transfer read, the TTZ count must be based on the estimated transfer read.
- If the estimate is higher than the actual read a negative TTZ must be provided
- Option:
 1. Continue to base the TTZ count on the estimated transfer read
 2. Base the TTZ count on the previous actual read where the transfer read is an estimate - **Agreed**
- Applies to all Classes of meter point

Applying 'Round the Clock Count' (TTZ) following an Estimated Transfer Read Example Option 2

All Classes



- Use the previous actual read for applying the TTZ count
 - The Incoming Shipper will be notified of the previous actual read
 - In the example above the Shipper would provide a TTZ count of 1

TTZ **serve**



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