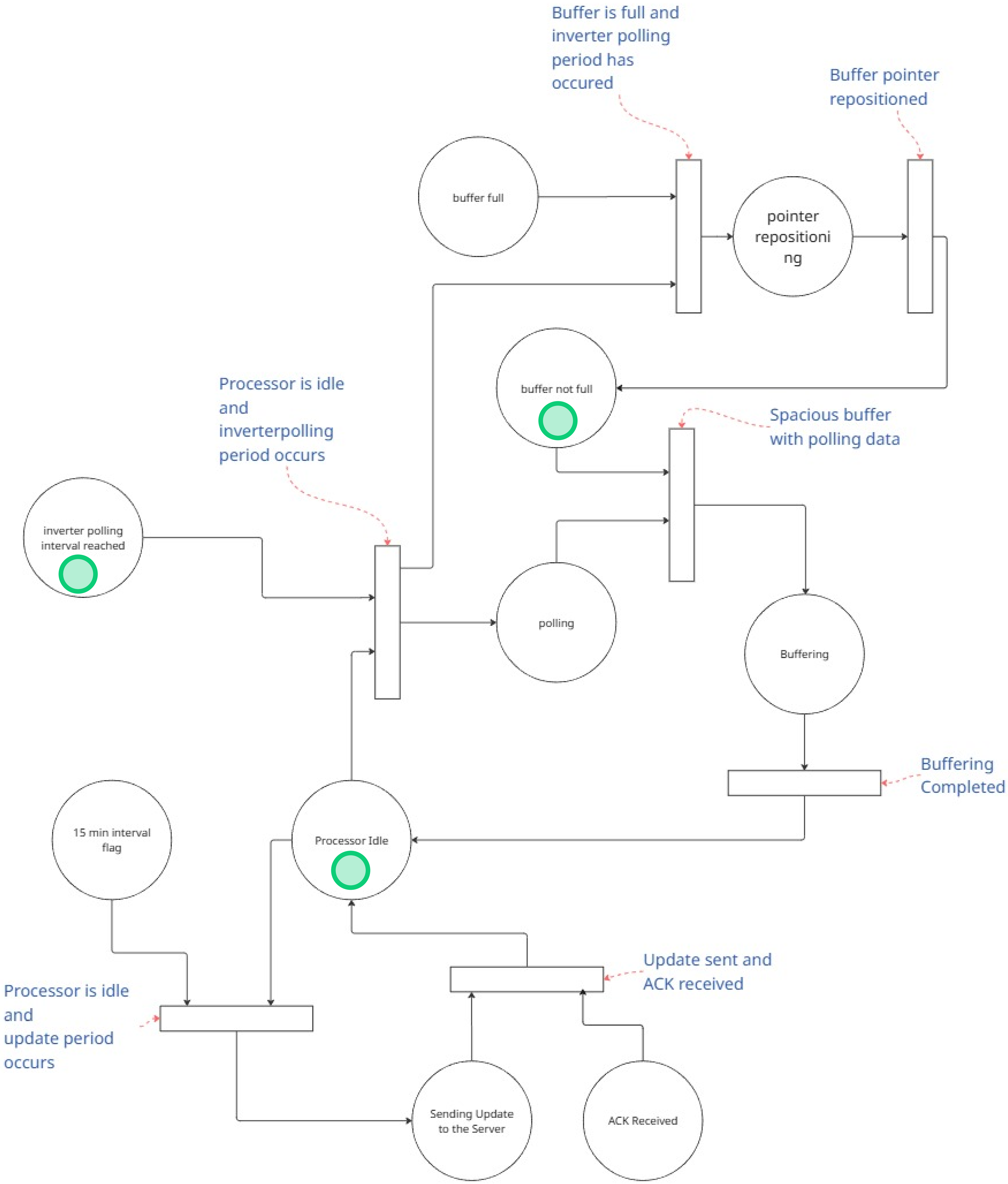

buffer full
pointer repositioning
buffer not full
inverter polling interval reached
polling
Buffering
15 min interval flag
Processor Idle
Sending Update to the Server
ACK Received

Buffer is full and inverter polling period has occured

Buffer pointer repositioned

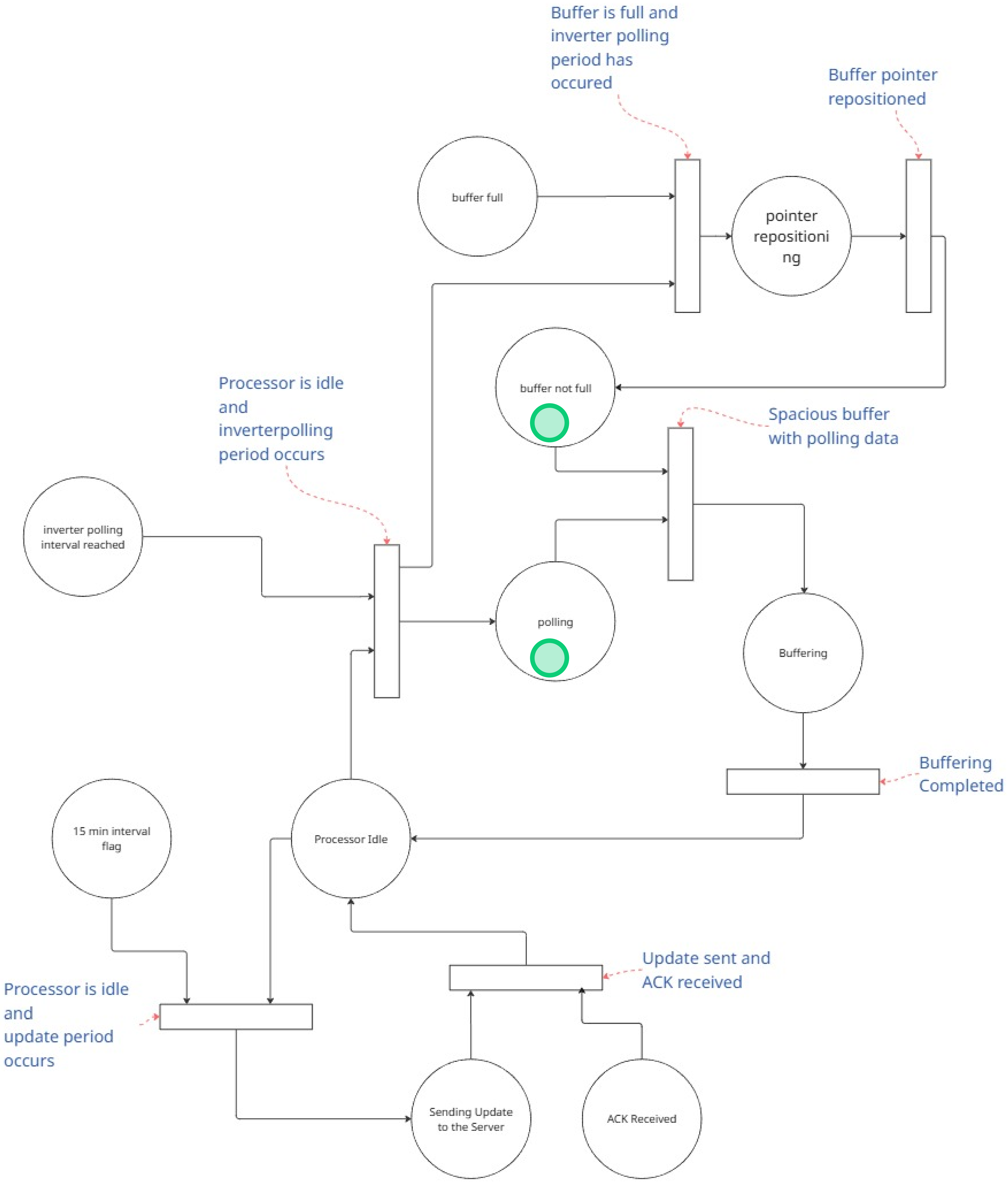
Processor is idle and inverterpolling period occurs

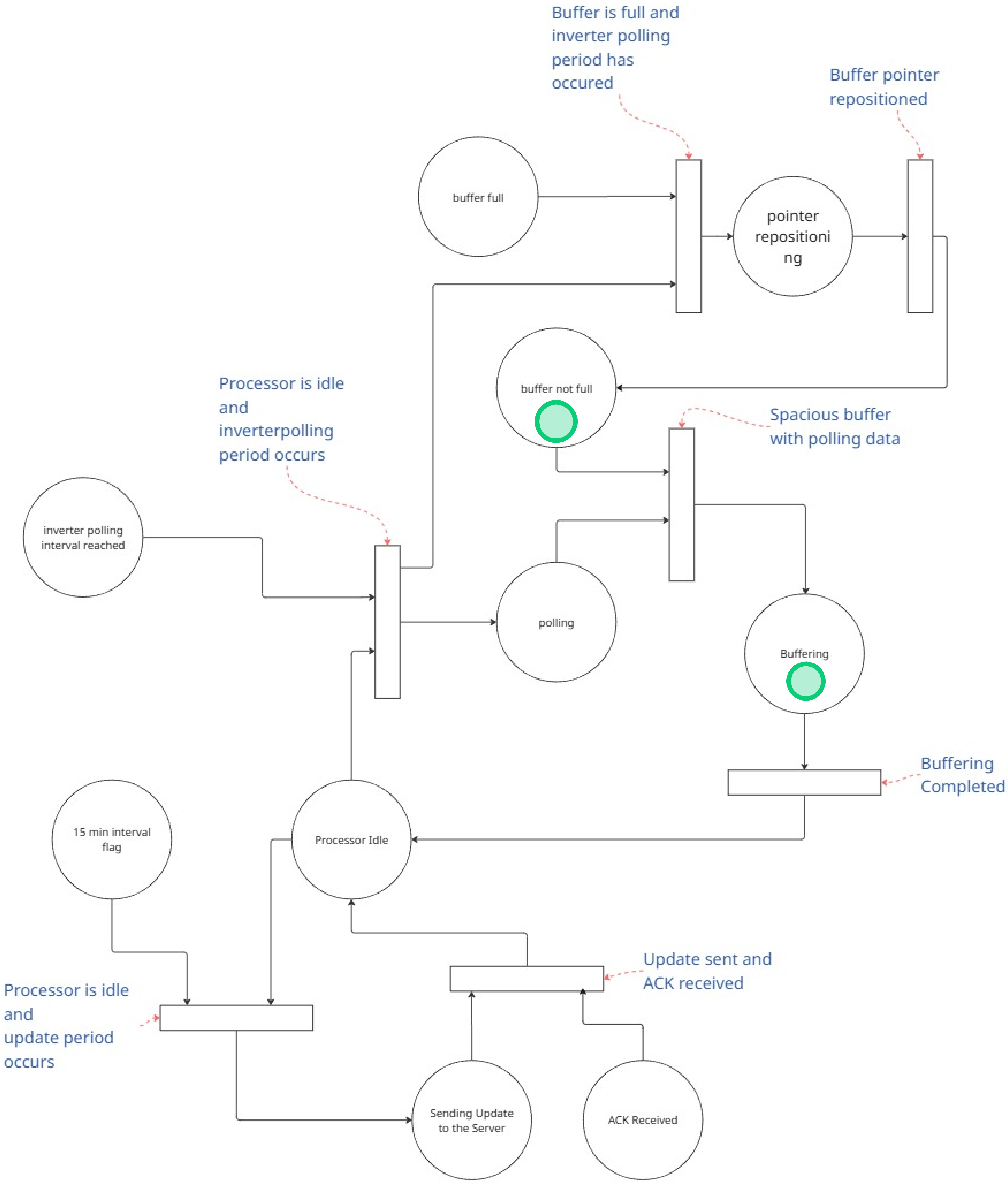
Spacious buffer with polling data

Buffering Completed

Update sent and ACK received

Processor is idle and update period occurs


Buffer is full and inverter polling period has occured
Buffer pointer repositioned
buffer full
pointer repositioning
buffer not full
Spacious buffer with polling data
Processor is idle and inverterpolling period occurs
inverter polling interval reached
polling
Buffering
Buffering Completed
15 min interval flag
Processor Idle
Update sent and ACK received
Processor is idle and update period occurs
Sending Update to the Server
ACK Received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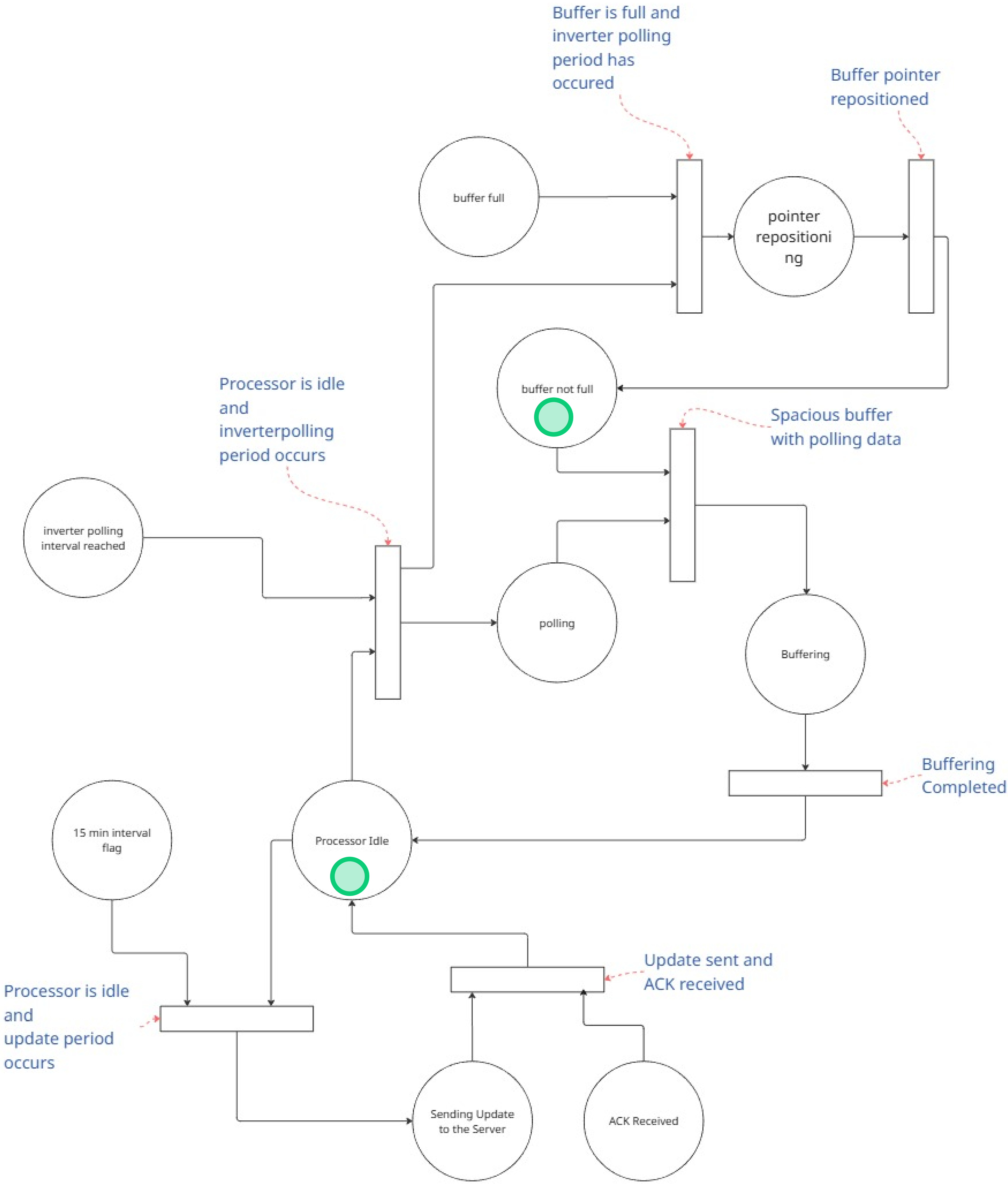
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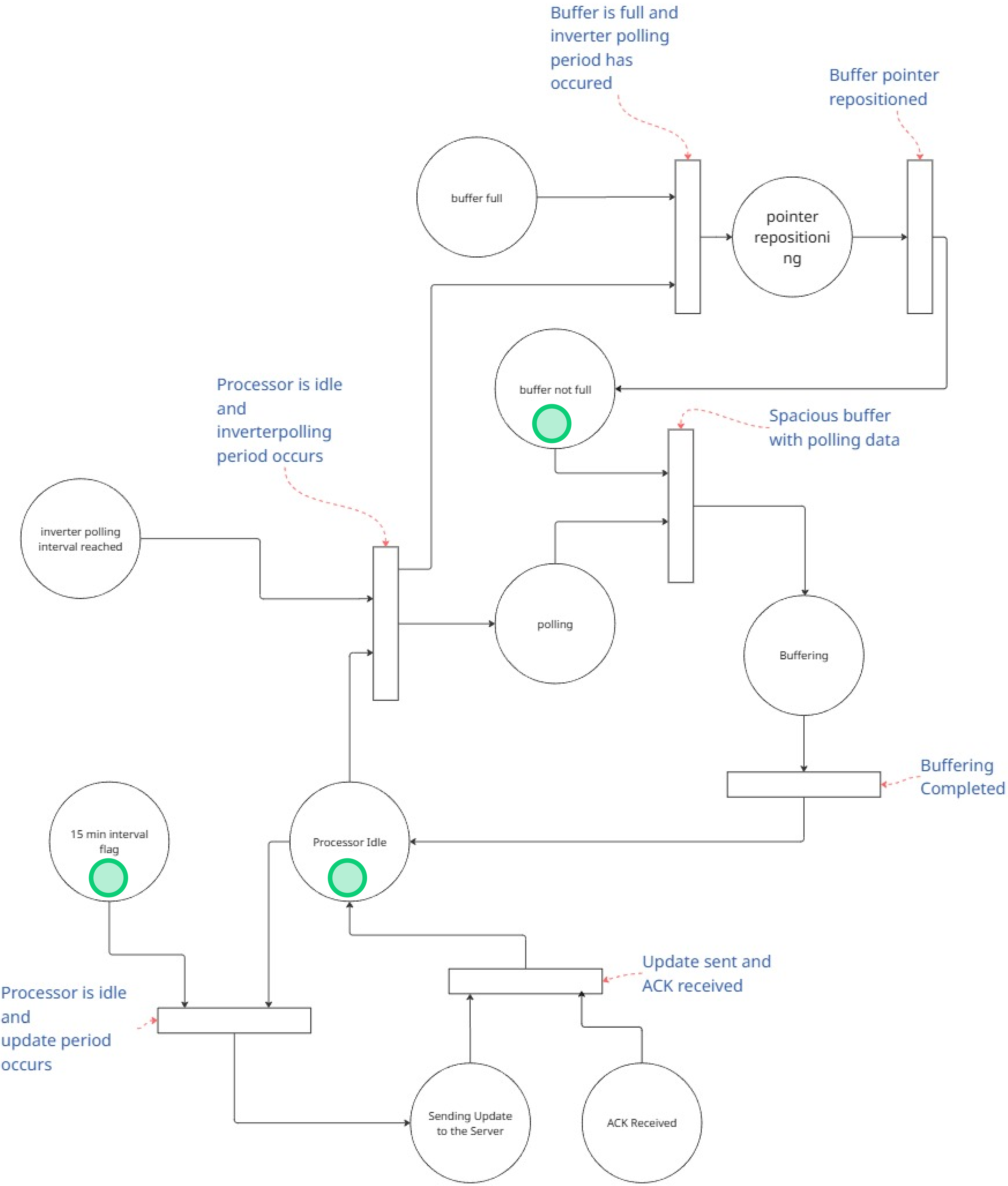
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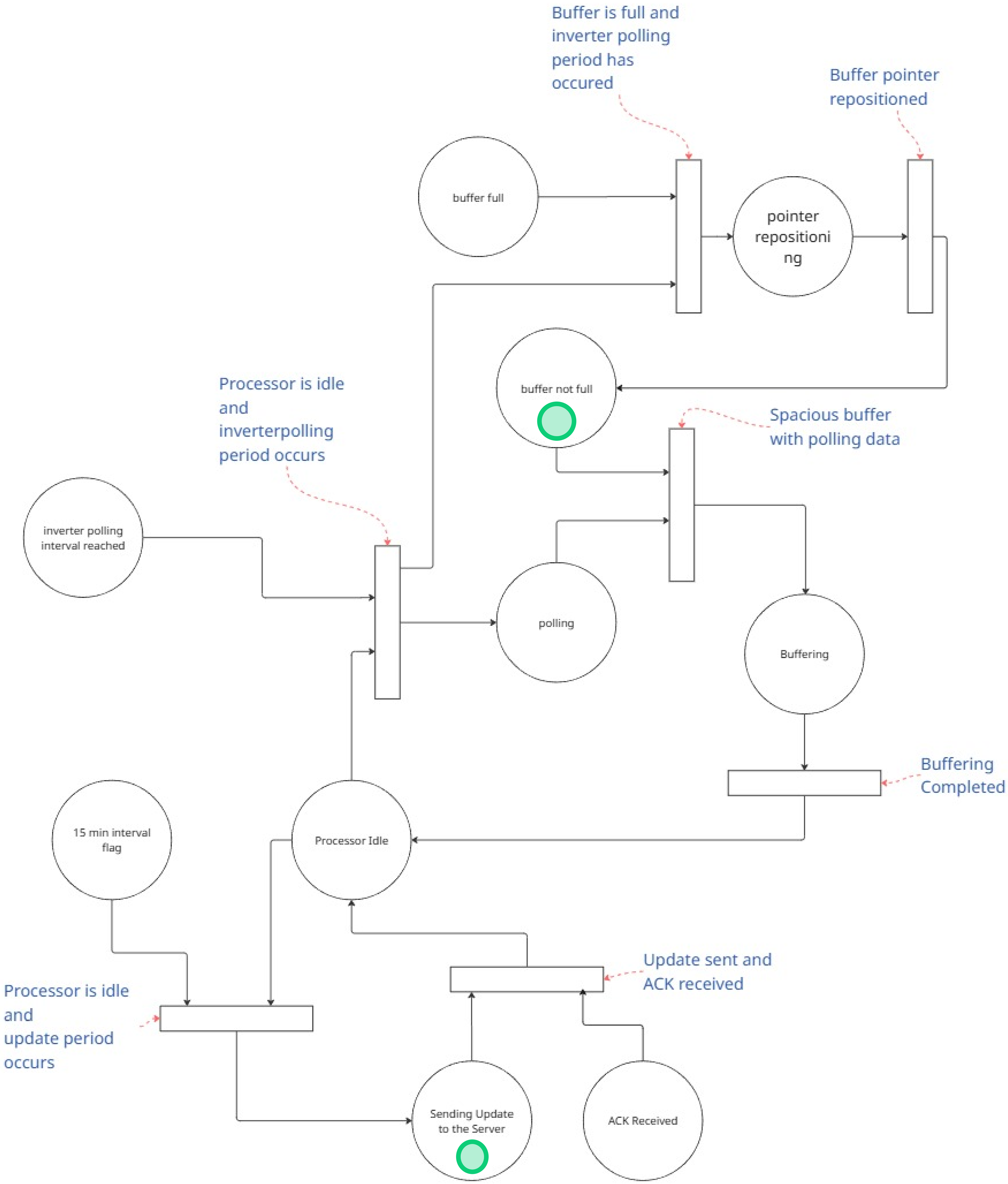
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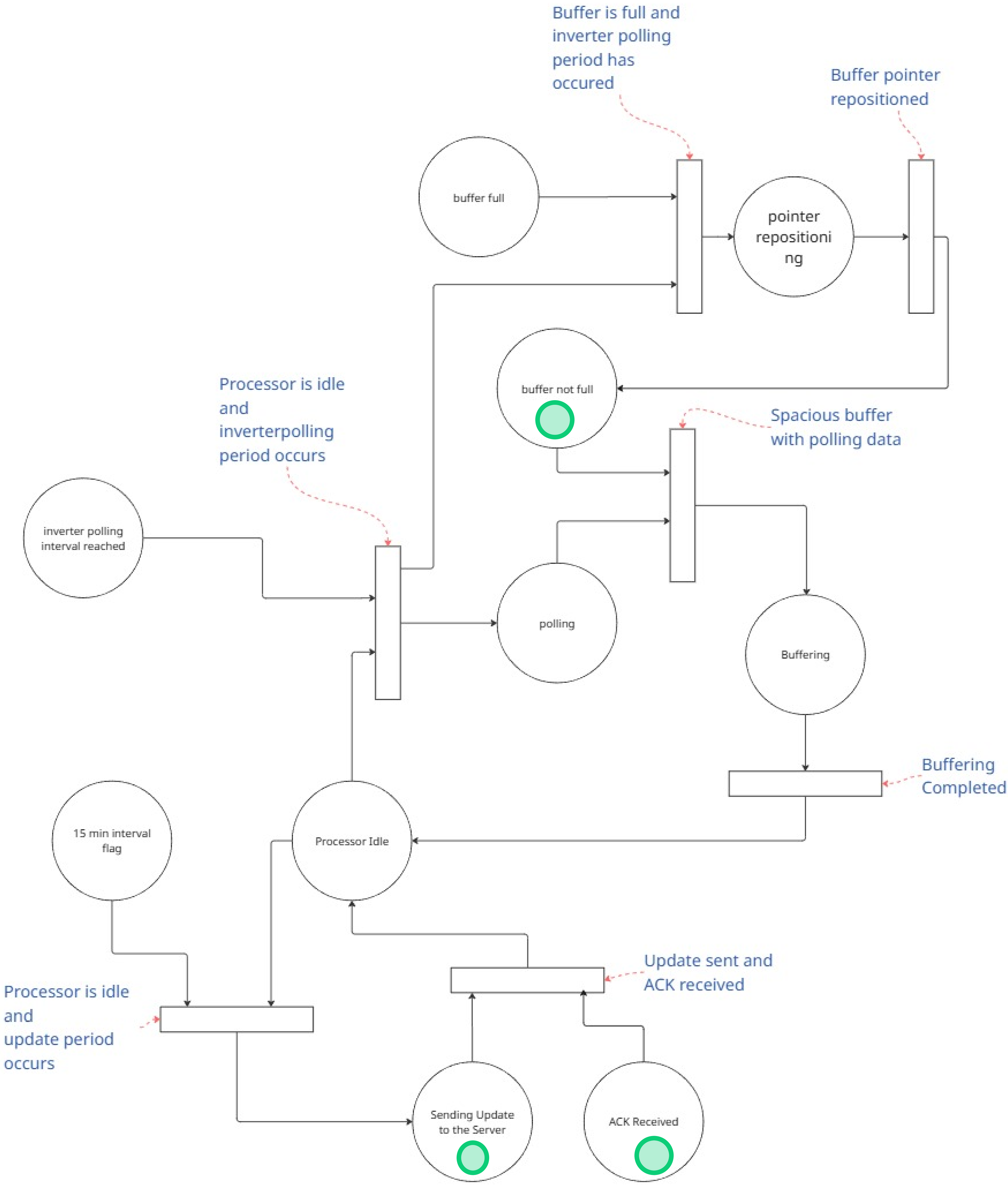
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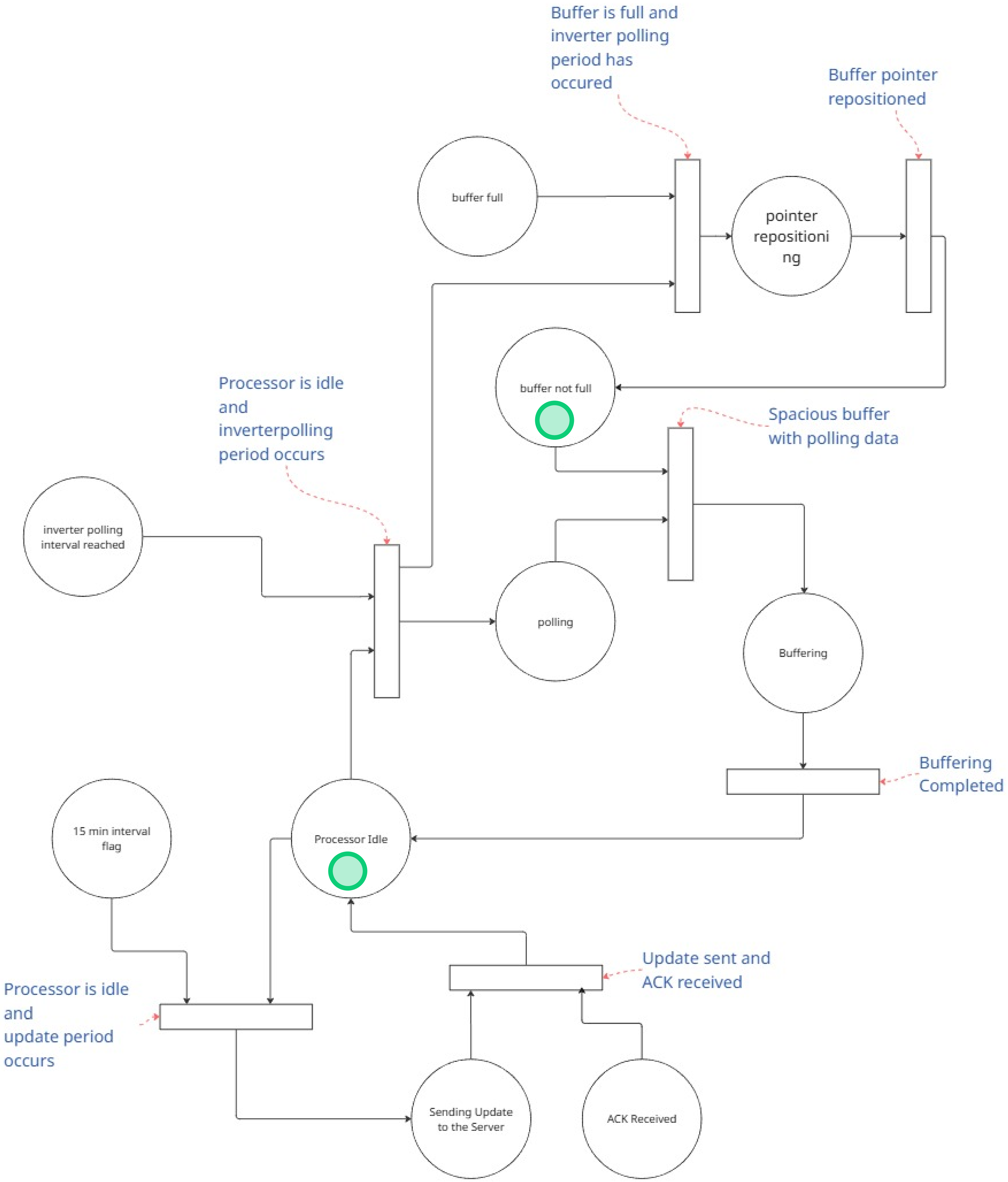
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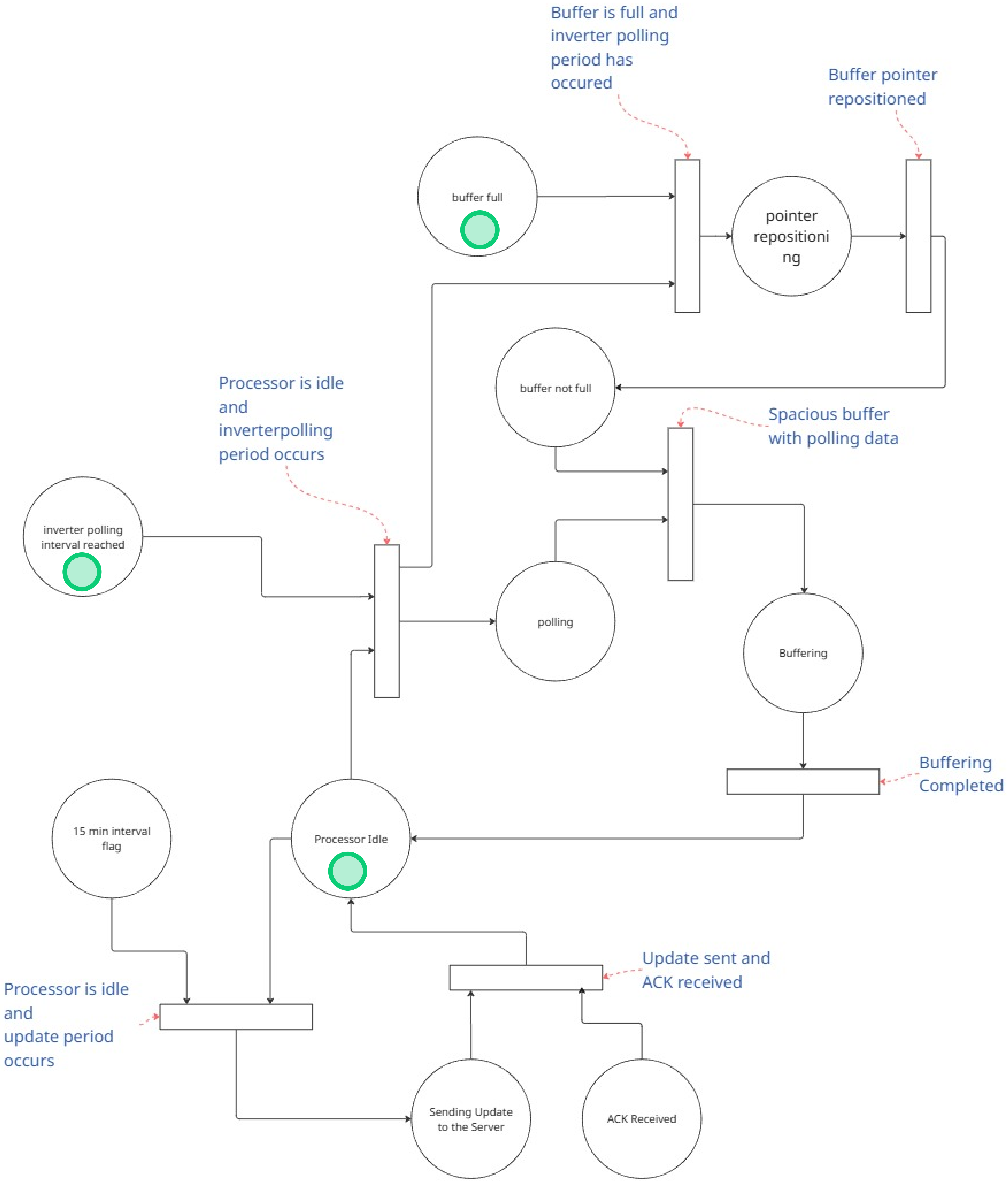
Spacious buffer with polling data

Buffering Completed

Update sent and ACK received

Processor is idle and update period occurs

Buffer Full Scenario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buffer full
pointer repositioning
buffer not full
Spacious buffer with polling data
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Buffering
Buffering Completed
15 min interval flag
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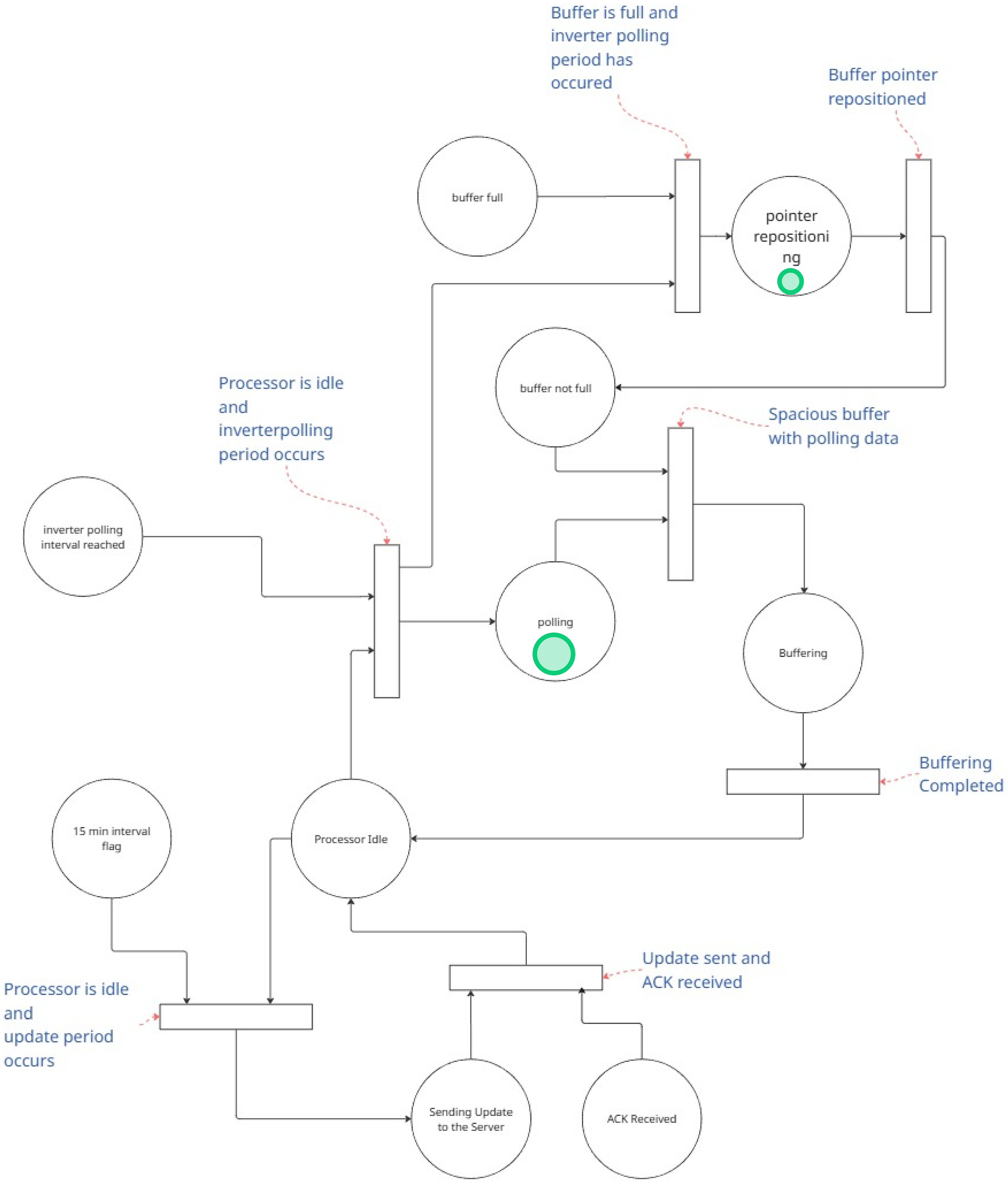
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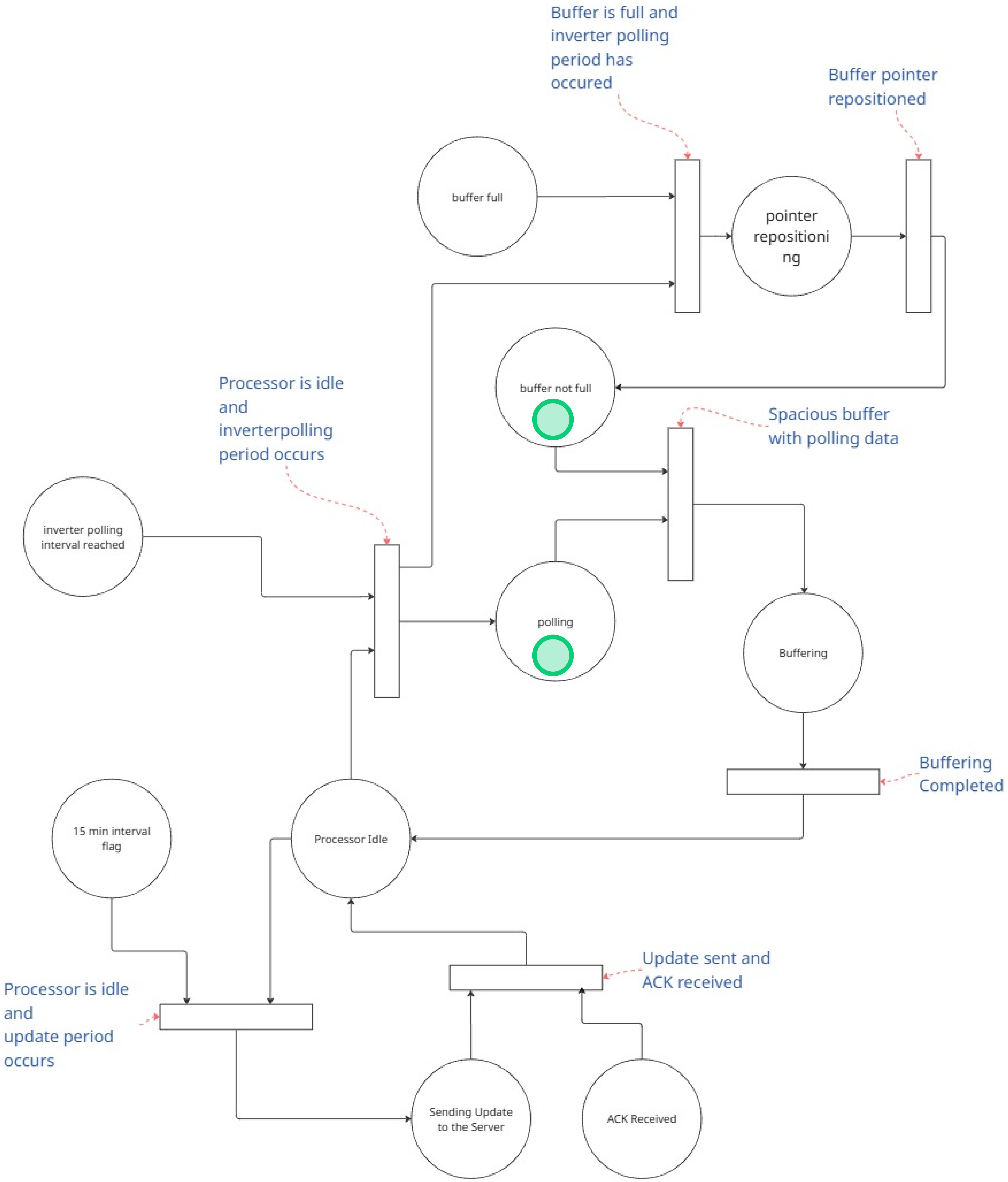
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