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(54) **Title**: REPORTING OF ACK AND CQI INFORMATION IN A WIRELESS COMMUNICATION SYSTEM

(57) **Abstract**: Techniques for reporting acknowledgement (ACK) information and channel quality indication (CQI) information in a wireless communication system are described. A user equipment (UE) may be able to receive data from up to two cells with dual-cell operation. The UE may determine CQI information for a first cell, determine CQI information for a second cell, and send the CQI information for both cells on a feedback channel with a single channelization code. The UE may process a control channel from each cell and, if control information is received from the cell, may further process a data channel from the cell to receive data sent to the UE. The UE may determine ACK information for each cell based on processing results for the data and control channels from that cell. The UE may send the ACK information for both cells on the feedback channel with the single channelization code.

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