CLAIMS:

1. A network node, comprising:

a transceiver; and

a processor coupled to the transceiver, wherein the processor is configured to cause the network node to:

obtain information of a cell for recovering a failure, when the failure occurs ina conditional primary secondary cell group cell (PSCell) addition or change (CPAC) procedure; and

perform analysis for the failure.

2. The network node of Claim 1, wherein the network node is a source master node (MN), and the processor is configured to cause the source MN to modify a list of CPAC candidate PSCells suggested or informed by the source MN to one or more candidate secondary node “SN”, based on the cell not being included in the list of CPAC candidate PSCells.

3. The network node of Claim 1, wherein the network node is a source MN, and the processor is configured to cause the source MN to transmit first information to at least one candidate SN to indicate that one or more CPAC candidate PSCells selected or prepared by the at least one candidate SN are wrongly selected based on the cell being included in a list of CPAC candidate PSCells suggested or informed by the source MN to the at least one candidate SN, but not included in the one or more CPAC candidate PSCells selected or prepared by the at least one candidate SN.

4. The network node of Claim 1, wherein the network node is a source MN, and the processor is configured to cause the source MN to optimize a set of CPAC execution conditions for CPAC candidate PSCells selected or prepared by at least one candidate SN based on the cell

being included in the CPAC candidate PSCells selected or prepared by the at least one candidate SN.

5. The network node of any of Claims 2 to 4, wherein the processor is configured to cause the source MN to:

decide the information of the cell;

transmit the information of the cell; or

receive the information of the cell.

6. The network node of any of Claims 2 and 3, wherein the processor is configured to cause the source MN to:

transmit failure related information associated with the failure; or

receive the failure related information.

7. The network node of Claim 1, wherein the network node is a source secondary node (SN), and the processor is configured to cause the source SN to modify alist of CPAC candidate PSCells suggested or informed by the S-SN, based on the cell not being included in thelist of CPAC candidate PSCells.

8. The network node of Claim 1, wherein the network node is a S-SN, and the processor is configured to cause the S-SN to transmit seventh information to at least one candidate SN to indicate that one or more CPAC candidate PSCells selected or prepared by the at least one candidate SN are wrongly selected based on the cell being included in a list of CPAC candidate PSCells suggested or provided by the S-SN, but not included in the one or more CPAC candidate PSCells selected or prepared by the at least one candidate SN.

9. The network node of Claim 1, wherein the network node is a S-SN, and the processor is configured to cause the S-SN to optimize a set of CPAC execution conditions for CPAC candidate PSCells selected or prepared by at least one candidate SN based on the cell being included in the CPAC candidate PSCells selected or prepared by the at least one candidate SN.

10. The network node of any of Claims 7 to 9, wherein the processor is configured to cause the source SN to:

decide the information of the cell;

transmit the information of the cell; or

receive the information of the cell.

11. The network node of any of Claims 7 to 9, wherein the processor is configured to cause the source SN to receive failure related information associated with the failure.

12. The network node of Claim 6 or Claim 11, wherein the failure related information includes at least one of the following:

a type of a first fulfilled execution condition;

a type of a second fulfilled execution condition;

information indicating whether a CPAC execution condition of a CPAC candidate PSCell is fulfilled;

information indicating whether a leaving condition of the CPAC-execution-condition-fulfilled candidate PSCell is fulfilled.

13. A candidate secondary node (SN), comprising:

a transceiver; and

a processor coupled to the transceiver, wherein the processor is configured to cause the candidate SN to perform at least one of the following:

receiving information which indicates that one or more conditional primary secondary cell group cell (PSCell) addition or change (CPAC) candidate PSCells are selected wrongly, wherein the information is received from a source master node (MN) or a source SN; or

modifying the one or more CPAC candidate PSCells.