WHAT IS CLAIMED IS:

1. A method for random access indication, comprising:

receiving by a serving base station a radio resource management (RRM) measurement report sent by a terminal, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell, wherein, the measurement report of the neighboring cell comprises measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by the terminal to obtain the measurement value of the neighboring cell;

sending by ~~a~~ the serving base station a random access indication signaling, wherein the random access indication signaling is configured to indicate to ~~a~~ the terminal a target antenna panel and/or a target beam for sending a random access preamble.

2. The method of claim 1, wherein, the random access indication signaling is a handover instruction, and the handover instruction is configured to instruct the terminal to hand over to a target cell.

3. The method of claim 2, further comprising:

~~receiving by the serving base station a radio resource management (RRM) measurement report sent by the terminal, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell;~~

selecting by the serving base station the target cell from the at least one neighboring cell;

sending by the serving base station a handover request signaling to a target base station to which the target cell belongs, wherein the handover request signaling comprises a measurement report of the target cell; and

receiving by the serving base station a handover response signaling sent by the target base station, wherein the handover response signaling comprises indication information of the target antenna panel and/or the target beam.

4. The method of claim 3, wherein, the measurement report of the neighboring cell further comprises: an identifier of the neighboring cell, and a measurement value

of the neighboring cell~~, and measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by the terminal to obtain the measurement value of the neighboring cell~~.

5. The method of claim 4, wherein, the measurement object information comprises:

an identifier of the receiving antenna panel and/or an identifier of the receiving beam;

or,

an identifier of the receiving antenna panel and/or a first reference signal identifier, wherein the first reference signal identifier is configured to indicate the receiving beam;

or,

a first reference signal group identifier and/or a first reference signal identifier, wherein the first reference signal group identifier is configured to indicate the receiving antenna panel, and the first reference signal identifier is configured to indicate the receiving beam;

or,

a first reference signal identifier, wherein the first reference signal identifier is configured to indicate the receiving antenna panel and/or the receiving beam.

6. The method of claim 3, wherein, the handover request signaling further comprises configuration information of an uplink reference signal for uplink measurement by the terminal.

7. The method of claim 3, further comprising:

receiving by the serving base station candidate panel information sent by the terminal, wherein the candidate panel information is configured to indicate at least one candidate antenna panel for random access;

sending by the serving base station the candidate panel information to the target base station;

wherein, the target antenna panel is selected from the at least one candidate

antenna panel.

~~8. The method of claim 1, wherein, the random access indication signaling is a radio link recovery instruction or a beam recovery instruction.~~

~~9. The method of claim 8, further comprising:~~

~~receiving by the serving base station a radio link failure notification or a beam failure notification sent by the terminal;~~

~~wherein, the radio link failure notification is configured to notify the serving base station of a base station antenna panel where a radio link failure occurs, and the beam failure notification is configured to notify the serving base station of a base station antenna panel where a beam failure occurs.~~

~~10. The method of claim 1, wherein, the random access indication signaling is a secondary cell adding instruction, the secondary cell adding instruction is configured to instruct the terminal to access a target secondary cell.~~

~~11. The method of claim 10, further comprising:~~

~~receiving by the serving base station a neighboring cell measurement report sent by the terminal, wherein the neighboring cell measurement report comprises a measurement report of at least one neighboring cell; and~~

~~selecting by the serving base station the target secondary cell from the at least one neighboring cell.~~

~~12~~8. The method of ~~any of~~ claims ~~1 to 11~~, wherein, the random access indication signaling comprises:

an identifier of the target antenna panel and/or an identifier of the target beam;

or,

an identifier of the target antenna panel and/or a second reference signal identifier, wherein the second reference signal identifier is configured to indicate the target beam;

or,

a second reference signal group identifier and/or a second reference signal identifier, wherein the second reference signal group identifier is configured to indicate the target antenna panel, and the second reference signal identifier is

configured to indicate the target beam;

or,

a second reference signal identifier, wherein the second reference signal identifier is configured to indicate the target antenna panel and/or the target beam.

~~13~~9. The method of ~~any of~~ claim~~s~~ 1 ~~to 11~~, wherein, the random access indication signaling further comprises: indication information of an antenna panel and/or a beam configured to monitor a random access response (RAR) after the terminal sends the random access preamble.

~~14~~10. A method for random access indication, comprising:

sending by a terminal a radio resource management (RRM) measurement report to a serving base station, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell, wherein, the measurement report of the neighboring cell comprises measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by the terminal to obtain the measurement value of the neighboring cell;

receiving by ~~a~~ the terminal a random access indication signaling; and

determining by the terminal a target antenna panel and/or a target beam for sending a random access preamble based on the random access indication signaling.

~~15~~11. The method of claim ~~14~~10, wherein, the random access indication signaling is a handover instruction, and the handover instruction is configured to instruct the terminal to be handed over to a target cell.

~~16~~12. The method of claim ~~15~~11, further comprising:

~~sending by the terminal a radio resource management (RRM) measurement report to a serving base station, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell;~~

wherein, the measurement report of the neighboring cell further comprises: an identifier of the neighboring cell, and a measurement value of the neighboring cell~~, and measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by~~

~~the terminal to obtain the measurement value of the neighboring cell~~.

~~17~~13. The method of claim ~~16~~12, further comprising:

sending by the terminal candidate panel information to the serving base station, wherein the candidate panel information indicates at least one candidate antenna panel for random access;

wherein, the target antenna panel is selected from the at least one candidate antenna panel.

~~18. The method of claim 14, wherein, the random access indication signaling is a radio link recovery instruction or a beam recovery instruction, and the method further comprises:~~

~~sending by the terminal a radio link failure notification or a beam failure notification to a serving base station;~~

~~wherein, the radio link failure notification is configured to notify the serving base station of a base station antenna panel where a radio link failure occurs, and the beam failure notification is configured to notify the serving base station of a base station antenna panel where a beam failure occurs.~~

~~19. The method of claim 14, wherein, the random access indication signaling is a secondary cell adding instruction, the secondary cell adding instruction is configured to instruct the terminal to access a target secondary cell, and the method further comprises:~~

~~sending by the terminal a neighboring cell measurement report to a serving base station, wherein the neighboring cell measurement report comprises a measurement report of at least one neighboring cell;~~

~~wherein, the target secondary cell is selected from the at least one neighboring cell.~~

~~20~~14. An apparatus for random access indication, applied to a serving base station, the apparatus comprising:

a processor; and

a memory configured to store instructions executable by the processor;

wherein, the processor is configured to:

receive a radio resource management (RRM) measurement report sent by a terminal, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell, wherein, the measurement report of the neighboring cell comprises measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by the terminal to obtain the measurement value of the neighboring cell;

send a random access indication signaling, wherein the random access indication signaling is configured indicate to a terminal a target antenna panel and/or a target beam for sending a random access preamble.

~~21~~15. An apparatus for random access indication, applied to a terminal, the apparatus comprising:

a processor; and

a memory configured to store instructions executable by the processor;

wherein, the processor is configured to:

send a radio resource management (RRM) measurement report to a serving base station, wherein the RRM measurement report comprises a measurement report of at least one neighboring cell, wherein, the measurement report of the neighboring cell comprises measurement object information, the measurement object information is configured to indicate a receiving antenna panel and/or a receiving beam used by the terminal to obtain the measurement value of the neighboring cell;

receive a random access indication signaling; and

determine a target antenna panel and/or a target beam for sending a random access preamble based on the random access indication signaling.

16. A non-transitory computer readable storage medium stored with computer programs thereon, wherein the programs are configured to implement steps of the method of any of claims 1 to 9 or steps of the method of any of claims 10 to 13 when executed by a processor.