WHAT IS CLAIMED IS:

1. A method for allocating beam failure request resources, wherein the terminal is configured with a plurality of beam failure request resources, and the plurality of beam failure request resources include physical uplink control channel beam failure request resources configured for serving cells in a plurality of service cell groups configured for the terminal, the method comprising:

detecting whether there is a first secondary cell with beam failure;

in response to detecting the first secondary cell with beam failure, selecting one beam failure request resource from the plurality of beam failure request resources as a resource for sending a beam failure request, according to whether the first secondary cell is configured with a beam failure request resource,

wherein when the first secondary cell is not configured with the beam failure request resource, selecting the beam failure request resource configured for the serving cell in the serving cell group to which the first secondary cell belongs.

2. The method of claim 1, wherein when the first secondary cell is not configured with the beam failure request resource, selecting one beam failure request resource from the plurality of beam failure request resources by at least one of following ways:

selecting the beam failure request resource that occurs first in time;

selecting the beam failure request resource that does not need to transmit other uplink information;

selecting the beam failure request resource that can be multiplexed with other uplink information.

3. The method of claim 1, wherein when the first secondary cell is configured with the beam failure request resource, the beam failure request resource configured for the serving cell in another serving cell group different from the serving cell group to which the first secondary cell belongs is selected.

4. The method of claim 1, further comprising:

sending a media access control information element by using a physical uplink shared channel resource requested by the selected beam failure request resource, wherein the medium access control information element is configured to indicate whether a beam

failure occurs in a secondary cell in the serving cell group configured for the terminal.

5. The method of claim 4, wherein the plurality of beam failure request resources comprise a beam failure request resource configured for a primary cell or a primary secondary cell, and a beam failure request resource configured for a second secondary cell;

when the selected beam failure request resource is the beam failure request resource configured for the primary cell or the primary secondary cell,

the medium access control information element is configured to indicate whether beam failure occurs in secondary cells in all serving cell groups configured for the terminal.

6. The method of claim 4, wherein the plurality of beam failure request resources comprise a beam failure request resource configured for a primary cell or a primary secondary cell, and a beam failure request resource configured for a second secondary cell;

when the selected beam failure request resource is the beam failure request resource configured for the second secondary cell,

the medium access control information element is configured to indicate whether beam failure occurs in other secondary cells other than the second secondary cell in the serving cell group to which the second secondary cell belongs.

7. The method of any one of claims 4 to 6, further comprising:

in response to determining that a new beam exists in the first secondary cell, the medium access control information element is further configured to indicate the new beam.