CLAIMS

What is claimed is:

1. A data transmission method, comprising:

receiving first indication information from a terminal, wherein the first indication information indicates a statistical parameter of a delay jitter of an arrival time of a service frame, and the statistical parameter of the delay jitter is for determining a configured grant (CG) resource;

sending second indication information to the terminal, wherein the second indication information indicates the CG resource, and the CG resource is determined based on the first indication information, and wherein the CG resource is for a service frame communication with the terminal, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter,

the distribution parameter of the delay jitter comprises a range of the delay jitter, and the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

2. The method according to claim 1, wherein the first indication information is comprised in user assistance information (UAI).

3. A data transmission method, comprising:

sending first indication information to a network device, wherein the first indication information indicates a statistical parameter of a delay jitter of an arrival time of a service frame, and the statistical parameter of the delay jitter is for determining a configured grant (CG) resource;

receiving second indication information from the network device, wherein the second indication information indicates the CG resource, and wherein the CG resource is for a service frame communication with the network device, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter, the distribution parameter of the delay jitter comprises a range of the delay jitter, and the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

4. The method according to claim 3, wherein the first indication information is comprised in user assistance information (UAI).

5. A data transmission apparatus, comprising:

an interface module, configured to receive first indication information from a terminal, wherein the first indication information indicates a statistical parameter of a delay jitter of an arrival time of a service frame, and the statistical parameter of the delay jitter is for determining a configured grant (CG) resource; and

the interface module is further configured to send second indication information to the terminal, wherein the second indication information indicates the CG resource, and the CG resource is determined based on the first indication information, and wherein the CG resource is for a service frame communication with the terminal, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter, the distribution parameter of the delay jitter comprises a range of the delay jitter, and the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

6. The apparatus according to claim 5, wherein the first indication information is comprised in user assistance information (UAI).

7. A data transmission apparatus, comprising:

an interface module, configured to send first indication information to a network device, wherein the first indication information indicates a statistical parameter of a delay jitter of an arrival time of a service frame, and the statistical parameter of the delay jitter is for determining a configured grant (CG) resource; and

the interface module is further configured to receive second indication information from the network device, wherein the second indication information indicates the CG resource, and wherein the CG resource is for a service frame communication with the network device, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter, the distribution parameter of the delay jitter comprises a range of the delay jitter, and the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

8. The apparatus according to claim 7, wherein the first indication information is comprised in user assistance information (UAI).

9. A communication apparatus, comprising one or more processors, wherein the one or more processors are coupled to one or more memories, the one or more memories are configured to store a program or instructions, and when the program or the instructions are executed by the one or more processors, the apparatus is enabled to perform the method according to claim 1 or 2.

10. A communication apparatus, comprising one or more processors, wherein the one or more processors are coupled to one or more memories, the one or more memories are configured to store a program or instructions, and when the program or the instructions are executed by the one or more processors, the apparatus is enabled to perform the method according to claim 3 or 4.

11. A computer-readable storage medium, configured to store a computer program, wherein the computer program comprises instructions for implementing the method according to claim 1 or 2, or comprises instructions for implementing the method according to claim 3 or 4.

12. A program product, wherein the program product comprises computer program code, and when the computer program code is run on a computer, the computer is enabled to implement the

method according to claim 1 or 2, or the computer is enabled to implement the method according to claim 3 or 4.

13. A computer program, wherein the computer program comprises computer program code, and when the computer program code is run on a computer, the computer is enabled to implement the method according to claim 1 or 2, or the computer is enabled to implement the method according to claim 3 or 4.

14. A communication system, comprising the apparatus according to claim 9 and the apparatus according to claim 10.