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.

2. The method according to claim 1, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter.

3. The method according to claim 2, wherein the distribution parameter of the delay jitter comprises a range of the delay jitter.

4. The method according to claim 3, wherein the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

5. The method according to any one of claims 1 to 4, wherein the first indication information is comprised in user assistance information (UAI).

6. 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.

7. The method according to claim 6, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter.

8. The method according to claim 7, wherein the distribution parameter of the delay jitter comprises a range of the delay jitter.

9. The method according to claim 8, wherein the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

10. The method according to any one of claims 6 to 9, wherein the first indication information is comprised in user assistance information (UAI).

11. 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.

12. The apparatus according to claim 11, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter.

13. The apparatus according to claim 12, wherein the distribution parameter of the delay jitter comprises a range of the delay jitter.

14. The apparatus according to claim 13, wherein the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

15. The apparatus according to any one of claims 11 to 14, wherein the first indication information is comprised in user assistance information (UAI).

16. 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.

17. The apparatus according to claim 16, wherein the statistical parameter of the delay jitter comprises a distribution parameter of the delay jitter.

18. The apparatus according to claim 17, wherein the distribution parameter of the delay jitter comprises a range of the delay jitter.

19. The apparatus according to claim 18, wherein the CG resource is determined based on the range of the delay jitter and an ideal arrival time of a service frame.

20. The apparatus according to any one of claims 16 to 19, wherein the first indication information is comprised in user assistance information (UAI).

21. 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 any one of claims 1 to 5.

22. 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 any one of claims 6 to 10.

23. A computer-readable storage medium, configured to store a computer program, wherein the computer program comprises instructions for implementing the method according to any one of claims 1 to 5, or comprises instructions for implementing the method according to any one of claims 6 to 10.

24. 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 any one of claims 1 to 5, or the computer is enabled to implement the method according to any one of claims 6 to 10.

25. 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 any one of claims 1 to 5, or the computer is enabled to implement the method according to any one of claims 6 to 10.

26. A communication system, comprising the apparatus according to claim 21 and the apparatus according to claim 22.