CLAIMS

1. A method for wireless communication, comprising:

identifying, at a user equipment (UE), that the UE has data in a buffer to be transmitted to a base station;

determining a priority level for the data in the buffer to be transmitted to the base station based at least in part on a logical channel for the data, or a data type associated with the data, or a combination thereof, wherein the logical channel for the data or the determined priority level, or both, correspond to a numerology or a set of numerologies, wherein the numerology or the set of numerologies are associated with a subcarrier spacing in a frequency domain, or a symbol or a transmission time interval duration in a time domain;

determining that the priority level exceeds a threshold;

transmitting, to the base station, a scheduling request (SR) that indicates the priority level for the data, wherein transmitting the SR is based at least in part on determining that the priority level exceeds a threshold; and

selecting, based at least in part on the determined priority level, a first set of radio resources of a plurality of sets of radio resources to be used to transmit the SR, wherein transmitting the SR comprises transmitting the SR using the identified first set of radio resources.

2. The method of claim 1, wherein:

the SR includes an indication of the determined priority level using a bit field of the SR.

3. The method of claim 2, wherein:

the bit field of the SR comprises a plurality of bits to indicate the determined priority level.

4. The method of claim 1, further comprising:

receiving, from the base station, an uplink grant for transmission of the data in uplink message;

identifying uplink resources for the uplink message based at least in part on the uplink grant; and

transmitting, using the identified uplink resources, the uplink message comprising

the data.

5. The method of claim 4, wherein:

the uplink grant indicates resources that correspond to the logical channel for transmission of the data.

6. The method of claim 4, wherein:

the SR is transmitted on a different set of resources than the identified uplink resources.

7. The method of claim 1, further comprising:

selecting an SR configuration for transmission of the SR based at least in part on the determined priority level.

8. The method of claim 1, further comprising:

transmitting, to the base station, a second SR based at least in part on an identification that the UE has additional data to be transmitted to the base station, wherein the SR corresponds to a first time period that is less than a second time period corresponding to the second SR.

9. The method of claim 1, further comprising:

identifying, by the UE, that the UE has additional data to be transmitted to the base station; and

determining a second priority level for the additional data based at least in part on a logical channel for the additional data, or a data type associated with the additional data, or a combination thereof, wherein transmitting the SR is based at least in part on the priority level being greater than the second priority level.

10. The method of claim 1, wherein:

the SR includes an indication of a buffer status for the data to be transmitted to the base station.

11. The method of claim 1, further comprising:

receiving, from the base station, a mapping that indicates a correspondence between

values for the SR and priority levels for multiple logical channels.

12. The method of claim 1, further comprising:

identifying a target numerology for the data to be transmitted to the base station, wherein the SR indicates the target numerology.

13. The method of claim 12, further comprising:

selecting an SR configuration for transmission of the SR based at least in part on the target numerology.

14. The method of claim 1, wherein:

the SR is transmitted over a dedicated set of resources.

15. A method for wireless communication, comprising:

receiving, by a base station, a scheduling request (SR) that indicates a user equipment (UE) has data in a buffer to transmit to the base station, and a priority level for the data, wherein receiving the SR is based at least in part on the priority level being identified as exceeding a threshold, wherein the priority level is determined based at least in part on a numerology or a set of numerologies indicated by the SR, wherein the numerology or the set of numerologies are associated with a subcarrier spacing in a frequency domain, or a symbol or a transmission time interval duration in a time domain;

identifying a first set of radio resources of a plurality of sets of radio resources used to receive the SR;

determining the priority level of the data based at least in part on the SR and the identified first set of radio resources;

identifying resources for transmission of the data based at least in part on the priority level; and

transmitting, to the UE, an uplink grant indicating the identified resources.

16. The method of claim 15, wherein:

the SR includes an indication of the determined priority level using a bit field of the SR.

17. The method of claim 16, wherein:

the bit field of the SR comprises a plurality of bits to indicate the determined priority level.

18. The method of claim 15, further comprising:

receiving, from the UE and over the identified resources for transmission of the data, an uplink message that comprises the data based at least in part on the uplink grant.

19. The method of claim 18, wherein:

the SR is received on a different set of radio resources than the uplink message.

20. The method of claim 15, wherein:

the uplink grant indicates resources that correspond to a logical channel to be used for transmission of the data.

21. The method of claim 15, wherein:

the SR is received according to the numerology; and

the identified resources are identified based at least in part on the numerology.

22. The method of claim 15, further comprising:

transmitting, to the UE, a mapping that indicates a correspondence between values for the SR and priority levels for multiple logical channels.

23. The method of claim 15, wherein:

the SR further includes an indication of a buffer status for the data to be transmitted to the base station.

24. An apparatus for wireless communication, comprising:

a processor;

memory in electronic communication with the processor; and

instructions stored in the memory and operable, when executed by the processor, to cause the apparatus to:

identify, at a user equipment (UE), that the UE has data in a buffer to be transmitted to a base station;

determine a priority level for the data in the buffer to be transmitted

to the base station based at least in part on a logical channel for the data, or a data type associated with the data, or a combination thereof, wherein the logical channel for the data or the determined priority level, or both, correspond to a numerology or a set of numerologies, wherein the numerology or the set of numerologies are associated with a subcarrier spacing in a frequency domain, or a symbol or a transmission time interval duration in a time domain;

determine that the priority level exceeds a threshold;

transmit, to the base station, a scheduling request (SR) that indicates the priority level for the data, wherein transmitting the SR is based at least in part on determining that the priority level exceeds a threshold; and

selecting, based at least in part on the determined priority level, a first set of radio resources of a plurality of sets of radio resources to be used to transmit the SR, wherein transmitting the SR comprises transmitting the SR using the identified first set of radio resources.

25. An apparatus for wireless communication, comprising:

a processor;

memory in electronic communication with the processor; and

instructions stored in the memory and operable, when executed by the processor, to cause the apparatus to:

receive, by a base station, a scheduling request (SR) that indicates a user equipment (UE) has data in a buffer to transmit to the base station, and a priority level for the data, wherein receiving the SR is based at least in part on the priority level being identified as exceeding a threshold, wherein the priority level is determined based at least in part on a numerology or a set of numerologies indicated by the SR, wherein the numerology or the set of numerologies are associated with a subcarrier spacing in a frequency domain, or a symbol or a transmission time interval duration in a time domain;

identifying a first set of radio resources of a plurality of sets of radio resources used to receive the SR;

determine the priority level of the data based at least in part on the SR and the identified first set of radio resources;

identify resources for transmission of the data based at least in part

on the priority level; and

transmit, to the UE, an uplink grant indicating the identified resources.