CLAIMS

1. A method for wireless communication, comprising:

establishing a connection with a base station using a component carrier (CC), the CC having a plurality of bandwidth parts (BWPs), each BWP having a portion of a frequency bandwidth of the CC;

receiving signaling that indicates a semi-persistent scheduling (SPS) configuration or other types of pre-configured resources associated with at least a first BWP of the plurality of BWPs; and

transmitting or receiving using at least the first BWP according to the SPS configuration or other types of pre-configured resources associated with at least the first BWP.

2. The method of claim 1, further comprising:

receiving signaling that indicates a SPS configuration or other types of pre-configured resources associated with at least a second BWP of the plurality of BWPs;

switching from the first BWP to the second BWP; and

transmitting or receiving using at least the second BWP according to the SPS configuration or other types of pre-configured resources associated with at least the second BWP.

3. The method of claim 1, further comprising:

switching from the first BWP to a second BWP;

determining the second BWP is unassociated with an SPS configuration or other types of pre-configured resources; and

transmitting or receiving using the second BWP and without an active SPS configuration.

4. The method of claim 1, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

5. The method of claim 2, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

6. A method for wireless communication, comprising:

establishing a connection with a user equipment (UE) using a component carrier (CC), the CC having a plurality of bandwidth parts (BWPs), each BWP having a portion of a frequency bandwidth of a primary CC;

transmitting signaling that indicates a semi-persistent scheduling (SPS) configuration or other types of pre-configured resources associated with at least a first BWP of the plurality of BWPs; and

receiving or transmitting using at least the first BWP according to the SPS configuration or other types of pre-configured resources associated with at least the first BWP.

7. The method of claim 6, further comprising:

associating a first SPS configuration or other types of pre-configured resources with the first BWP of the plurality of BWPs; and

associating a second SPS configuration or other types of pre-configured resources with a second BWP of the plurality of BWPs.

8. The method of claim 6, further comprising:

identifying a subset of BWPs from the plurality of BWPs that are to be associated with the SPS configuration or other types of pre-configured resources, wherein the signaling indicates the SPS configuration or other types of pre-configured resources are associated with the subset of BWPs and the receiving or transmitting uses the subset of BWPs according to the SPS configuration or other types of pre-configured resources.

9. The method of claim 8, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

10. The method of claim 6, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

11. An apparatus for wireless communication, comprising:

a processor;

memory in electronic communication with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

establish a connection with a base station using a component carrier (CC), the CC having a plurality of bandwidth parts (BWPs), each BWP having a portion of a frequency bandwidth of the CC;

receive signaling that indicates a semi-persistent scheduling (SPS) configuration or other types of pre-configured resources associated with at least a first BWP of the plurality of BWPs; and

transmit or receive using at least the first BWP according to the SPS configuration or other types of pre-configured resources associated with at least the first BWP.

12. The apparatus of claim 11, wherein the instructions are further executable by the processor to cause the apparatus to:

receive signaling that indicates a SPS configuration or other types of pre-configured resources associated with at least a second BWP of the plurality of BWPs;

switch from the first BWP to the second BWP; and

transmit or receive using at least the second BWP according to the SPS configuration or other types of pre-configured resources associated with at least the second BWP.

13. The apparatus of claim 11, wherein the instructions are further executable by the processor to cause the apparatus to:

switch from the first BWP to a second BWP;

determine the second BWP is unassociated with an SPS configuration or other types of pre-configured resources; and

transmit or receive using the second BWP and without an active SPS configuration.

14. The apparatus of claim 11, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

15. The apparatus of claim 12, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

16. An apparatus for wireless communication, comprising:

a processor;

memory in electronic communication with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus to:

establish a connection with a user equipment (UE) using a component carrier (CC), the CC having a plurality of bandwidth parts (BWPs) each BWP having a portion of a frequency bandwidth of a primary CC;

transmit signaling that indicates a semi-persistent scheduling (SPS) configuration or other types of pre-configured resources associated with at least a first BWP of the plurality of BWPs; and

receive or transmit using at least the first BWP according to the SPS configuration or other types of pre-configured resources associated with at least the first BWP.

17. The apparatus of claim 16, wherein the instructions are further executable to cause the apparatus to:

associate a first SPS configuration or other types of pre-configured resources with the first BWP of the plurality of BWPs; and

associate a second SPS configuration or other types of pre-configured resources with a second BWP of the plurality of BWPs.

18. The apparatus of claim 16, wherein the instructions are further executable to cause the apparatus to:

identify a subset of BWPs from the plurality of BWPs that are to be associated with the SPS configuration or other types of pre-configured resources, wherein the signaling indicates the SPS configuration or other types of pre-configured resources are associated with the subset of BWPs, and wherein receive or transmit using at least the first BWP further comprises receive or transmit using the subset of BWPs according to the SPS configuration or other types of pre-configured resources.

19. The apparatus of claim 18, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

20. The apparatus of claim 16, wherein the signaling comprises downlink control information (DCI) or radio resource control (RRC) messages.

21. The apparatus of claim 11, wherein the at least the first BWP comprises a single BWP.

22. The apparatus of claim 11, wherein the instructions to receive signaling are further executable by the processor to cause the apparatus to receive signaling that indicates the other types of pre-configured resources, and wherein the instructions to transmit or receive are further executable by the processor to cause the apparatus to transmit using at least the first BWP according to the other types of pre-configured resources associated with at least the first BWP.

23. The apparatus of claim 11, wherein the instructions to receive signaling are further executable by the processor to cause the apparatus to receive signaling that indicates the SPS configuration, and wherein the instructions to transmit or receive are further executable by the processor to cause the apparatus to receive using at least the first BWP according to the SPS configuration associated with at least the first BWP.

24. The method of claim 1, wherein the at least the first BWP comprises a single BWP.

25. The method of claim 1, wherein receiving signaling further comprises receiving signaling that indicates the other types of pre-configured resources, and wherein transmitting or receiving further comprises transmitting using at least the first BWP according to the other types of pre-configured resources associated with at least the first BWP.

26. The method of claim 1, wherein receiving signaling further comprises receiving signaling that indicates receiving the SPS configuration, and wherein transmitting or receiving further comprises receiving using at least the first BWP according to the SPS configuration associated with at least the first BWP.