~~CLAIMS~~

~~**What is claimed is:**~~

CLAIMS

1. A method for wireless communication, comprising:

identifying a plurality of timing parameter tables that each define one or more potential values for a timing parameter associated with a timing between receipt, from a base station, of downlink control information (DCI) and a subsequent communication with the base station according to the DCI, the plurality of timing parameter tables comprising at least a first timing parameter table associated with a first bandwidth part (BWP) and a second timing parameter table associated with a second BWP~~;~~, wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter; receiving, over the first BWP, a DCI transmission that activates the second BWP, the DCI transmission comprising a resource allocation bit field indexing at least a subset of the second timing parameter table, wherein a size of the resource allocation bit field is based at least in part on a configuration of the first BWP;

identifying a value for the timing parameter based at least in part on the second timing parameter table and the size of the resource allocation bit field; and

communicating with the base station over the second BWP in accordance with the value for the timing parameter.

~~2. The method of claim 1, wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter, and~~

2. The method of claim 1, wherein the size of the resource allocation bit field is based at least in part on a number of rows in the first plurality of rows.

3. The method of claim ~~2~~1, wherein the first plurality of rows comprises more

rows than the second plurality of rows, and wherein identifying the value for the timing parameter comprises:

identifying a subset of bits in the resource allocation bit field, the subset of bits indexing a row of the second plurality of rows; and

determining the value for the timing parameter based on the indexed row of the second plurality of rows.

4. The method of claim ~~2~~1, wherein the first plurality of rows comprises fewer rows than the second plurality of rows, and wherein identifying the value for the timing parameter comprises:

identifying a subset of the second plurality of rows that are addressable by the resource allocation bit field;

identifying a row of the subset of the second plurality of rows indexed by the resource allocation bit field; and

determining the value for the timing parameter based on the indexed row.

5. The method of claim 4, wherein the subset of the second plurality of rows comprises a lowest-indexed row of the second plurality of rows, the lowest-indexed row corresponding to a preferred value of the timing parameter for switching to the second BWP.

6. The method of claim 4, wherein the subset of the second plurality of rows comprises a largest value of the potential values for the timing parameter from the second plurality of rows.

7. The method of claim 4, wherein the subset of the second plurality of rows comprises at least one row corresponding to a preferred value of the timing parameter for communicating in the second BWP.

8. The method of claim 7, wherein the preferred value of the timing parameter comprises a first value for wakeup communications, a second value for data communications, or a third value for micro-sleep communications.

9. The method of claim 1, wherein the first timing parameter table is associated

with uplink transmissions over the first BWP, the plurality of timing parameter tables further comprising a third timing parameter table associated with downlink transmissions over the first BWP.

10.———— The method of claim 1, wherein the first BWP has a first tone spacing and the second BWP has a second tone spacing, and wherein the potential values for the timing parameter of the first timing parameter table are based at least in part on the first tone spacing, and the potential values for the timing parameter of the second timing parameter table are based at least in part on the second tone spacing.

11.———— The method of claim 1, further comprising:

adjusting a minimum value of the timing parameter, based at least in part on switching communications from the first BWP to the second BWP.

12.———— The method of claim 1, wherein identifying the plurality of timing parameter tables comprises:

receiving at least one of the plurality of timing parameter tables from the base station via radio resource control (RRC) signaling.

13.———— The method of claim 1, further comprising:

identifying a format for the DCI transmission; and

selecting the second timing parameter table from the plurality of timing parameter tables based at least in part on the format of the DCI transmission.

14.———— The method of claim 1, wherein the DCI transmission comprises a BWP identification field that activates the second BWP.

15.———— The method of claim 1, wherein the first BWP is associated with a lower transmission power than the second BWP.

16.———— A method for wireless communication, comprising:

identifying a plurality of timing parameter tables that each define one or more potential values for a timing parameter associated with a timing between transmission, to a

user equipment (UE), of downlink control information (DCI) and a subsequent communication with the UE according to the DCI, the plurality of timing parameter tables comprising at least a first timing parameter table associated with a first bandwidth part (BWP) and a second timing parameter table associated with a second BWP~~;~~, wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter; selecting a value for the timing parameter based at least in part on second timing parameter table;

transmitting, over the first BWP, a DCI transmission that activates the second BWP, the DCI transmission comprising a resource allocation bit field indicating the value for the timing parameter, wherein a size of the resource allocation bit field is based at least in part on a configuration of the first BWP; and

communicating with the UE over the second BWP in accordance with the value for the timing parameter.

17.~~———~~ The method of claim 16, ~~wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter, and~~ wherein the size of the resource allocation bit field is based at least in part on a number of rows in the first plurality of rows.

18.~~———~~ The method of claim ~~17~~16, wherein the first plurality of rows comprises more rows than the second plurality of rows, and wherein transmitting the DCI transmission comprises:

zero-padding the resource allocation bit field.

19.~~———~~ The method of claim ~~17~~16, wherein the first plurality of rows comprises fewer rows than the second plurality of rows, and wherein selecting the value for the timing parameter comprises:

identifying a subset of the second plurality of rows that are addressable by the resource allocation bit field; and

selecting the value for the timing parameter based at least in part on the subset of the second plurality of rows.

20.———— The method of claim 19, wherein the subset of the second plurality of rows comprises a lowest-indexed row of the second plurality of rows, the lowest-indexed row corresponding to a preferred value of the timing parameter for switching to the second BWP.

21.———— The method of claim 19, wherein the subset of the second plurality of rows comprises a largest value of the potential values for the timing parameter from the second plurality of rows.

22.———— The method of claim 19, wherein the subset of the second plurality of rows comprises at least one row corresponding to a preferred value of the timing parameter for communicating in the second BWP.

23.———— The method of claim 22, wherein the preferred value of the timing parameter comprises a first value for wakeup communications, a second value for data communications, or a third value for micro-sleep communications.

24.———— The method of claim 16, wherein the first timing parameter table is associated with uplink transmissions over the first BWP, the plurality of timing parameter tables further comprising a third timing parameter table associated with downlink transmissions over the first BWP.

25.———— The method of claim 16, wherein the first BWP has a first tone spacing and the second BWP has a second tone spacing, and wherein the potential values for the timing parameter of the first timing parameter table are based at least in part on the first tone spacing, and the potential values for the timing parameter of the second timing parameter table are based at least in part on the second tone spacing.

26.———— The method of claim 16, further comprising:
adjusting a minimum value of the timing parameter, based at least in part on switching communications from the first BWP to the second BWP.

27.———— The method of claim 16, further comprising:

transmitting at least one of the plurality of timing parameter tables to the UE via radio resource control (RRC) signaling.

28. The method of claim 16, further comprising:

identifying a trigger for switching communications with the UE from the first BWP to the second BWP; and

identifying a format for the DCI transmission based at least in part on the trigger.

29. The method of claim 16, wherein the DCI transmission comprises a BWP identification field that activates the second BWP.

30. The method of claim 16, wherein the first BWP is associated with a lower transmission power than the second BWP.

31. An apparatus for wireless communication, comprising:

~~means for identifying~~ a processor, memory coupled with the processor; and instructions stored in the memory and executable by the processor to cause the apparatus to: identify a plurality of timing parameter tables that each define one or more potential values for a timing parameter associated with a timing between receipt, from a base station, of downlink control information (DCI) and a subsequent communication with the base station according to the DCI, the plurality of timing parameter tables comprising at least a first timing parameter table associated with a first bandwidth part (BWP) and a second timing parameter table associated with a second BWP~~;~~

~~means for receiving~~, wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter; receive, over the first BWP, a DCI transmission that activates the second BWP, the DCI transmission comprising a resource allocation bit field indexing at least a subset of the second timing parameter table, wherein a size of the resource allocation bit field is based at least in part on a configuration the first BWP;

~~means for identifying~~ identify a value for the timing parameter based at least in part on the second timing parameter table and the size of the resource allocation bit field; and

~~means for communicating~~ communicate with the base station over the second BWP in accordance with the value for the timing parameter.

32. The apparatus of claim 31, wherein the ~~first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter, and wherein the~~ size of the resource allocation bit field is based at least in part on a number of rows in the first plurality of rows.

33. The apparatus of claim ~~32~~31, wherein the first plurality of rows comprises more rows than the second plurality of rows, and comprises:

~~means for identifying~~ identify a subset of bits in the resource allocation bit field, the subset of bits indexing a row of the second plurality of rows; and

~~means for determining~~ determine the value for the timing parameter based on the indexed row of the second plurality of rows.

34. The apparatus of claim ~~32~~31, wherein the first plurality of rows comprises fewer rows than the second plurality of rows, and comprises:

~~means for identifying~~ identify a subset of the second plurality of rows that are addressable by the resource allocation bit field;

~~means for identifying~~ identify a row of the subset of the second plurality of rows indexed by the resource allocation bit field; and

~~means for determining~~ determine the value for the timing parameter based on the indexed row.

35. The apparatus of claim 34, wherein the subset of the second plurality of rows comprises a lowest-indexed row of the second plurality of rows, the lowest-indexed row corresponding to a preferred value of the timing parameter for switching to the second BWP.

36. An apparatus for wireless communication, comprising:

~~means for identifying~~ a processor, memory coupled with the processor; and instructions stored in the memory and executable by the processor to cause the apparatus to: identify a plurality of timing parameter tables that each define one or more potential values for a timing parameter associated with a timing between transmission, to a user equipment (UE), of downlink control information (DCI) and a subsequent communication with the UE according to the DCI, the plurality of timing parameter tables comprising at least a first timing parameter table associated with a first bandwidth part (BWP) and a second timing parameter table associated with a second BWP~~;~~

~~means for selecting~~, wherein the first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter; select a value for the timing parameter based at least in part on the second timing parameter table;

~~means for transmitting~~ transmit, over the first BWP, a DCI transmission that activates the second BWP, the DCI transmission comprising a resource allocation bit field indicating the value for the timing parameter, wherein a size of the resource allocation bit field is based at least in part on a configuration of the first BWP; and

~~means for communicating~~ communicate with the UE over the second BWP in accordance with the value for the timing parameter.

37.~~————~~ The apparatus of claim 36, wherein the ~~first timing parameter table comprises a first plurality of rows and the second timing parameter table comprises a second plurality of rows, each row of the first plurality of rows and the second plurality of rows indicating a potential value for the timing parameter, and wherein the~~ size of the resource allocation bit field is based at least in part on a number of rows in the first plurality of rows.

38.~~————~~ The apparatus of claim ~~37~~36, wherein the first plurality of rows comprises more rows than the second plurality of rows, and comprises:

~~means for~~ zero~~-padding~~pad the resource allocation bit field.

39.~~————~~ The apparatus of claim ~~37~~36, wherein the first plurality of rows comprises fewer rows than the second plurality of rows, and comprises:

~~means for identifying~~ identify a subset of the second plurality of rows that are addressable by the resource allocation bit field; and

~~means for selecting~~ select the value for the timing parameter based at least in part on the subset of the second plurality of rows.

40. The apparatus of claim 39, wherein the subset of the second plurality of rows comprises a lowest-indexed row of the second plurality of rows, the lowest-indexed row corresponding to a preferred value of the timing parameter for switching to the second BWP.