

CLAIMS

1. A method of wireless communication performed by a user equipment (UE), comprising:
receiving an indication of a plurality of selectable physical resource block (PRB) bundle sizes;
receiving downlink control information (DCI) that does not include a PRB bundling size indicator that indicates a PRB bundle size to be selected from the plurality of selectable PRB bundle sizes; and
selecting a first value from a set of precoding resource block group (PRG) value as a PRB bundling size in response to determining that the received DCI comprises a DCI format 1_1 and in response to determining that the received DCI does not include the PRB bundling size indicator due to a bandwidth part configuration, upon receiving the plurality of selectable physical resource block (PRB) bundle sizes.
2. The method of claim 1, further comprising processing downlink data and one or more associated reference signals according to the selected PRB bundle size.
3. The method of claim 1, further comprising precoding and transmitting uplink data and one or more associated reference signals according to the selected PRB bundle size.
4. The method of claim 1, wherein the plurality of selectable PRB bundle sizes includes a first set of PRG values and a second set of PRG values.
5. The method of claim 4, wherein the first set of PRG values includes a single PRG value and the second set of PRG values includes a single PRG value.
6. The method of claim 5, wherein the UE selects either a single PRG value from the first set of PRG values or a single PRG value from the second set of PRG values based at least in part on a parameter.
7. The method of claim 4, wherein the first set of PRG values includes two PRG values and the second set of PRG values includes a single PRG value.

8. The method of claim 7, wherein the second PRG value indicates a PRB bundle size corresponding to a size of a scheduled bandwidth that is scheduled by the DCI.
9. The method of claim 1, wherein the plurality of selectable PRB bundle sizes includes a first set of precoding resource block group (PRG) values, that includes one or more PRG values, and a second set of PRG values that includes a single PRG value, and wherein the method further comprises:
selecting the PRB bundle size as the single PRG value from the second set.
10. A user equipment (UE) for wireless communication, comprising: memory; and one or more processors coupled to the memory, the memory and the one or more processors configured to:
receive an indication of a plurality of selectable physical resource block (PRB) bundle sizes;
receive downlink control information (DCI) that does not include a PRB bundling size indicator that indicates a PRB bundle size to be selected from the plurality of selectable PRB bundle sizes; and
select a first value from a set of precoding resource block group (PRG) values as a PRB bundling size in response to determining that the received DCI comprises a DCI format 1_1 and in response to determining that the received DCI does not include the PRB bundling size indicator due to a bandwidth part configuration, upon receiving the plurality of selectable physical resource block (PRB) bundle sizes.
11. The UE of claim 10, wherein the one or more processors are further configured to process downlink data and one or more associated reference signals according to the selected PRB bundle size.
12. The UE of claim 10, wherein the plurality of selectable PRB bundle sizes includes a first set of PRG values, that includes one or two PRG values, and a second set of PRG values that includes a single PRG value.

13. The UE of claim 12, wherein the one or more processors are configured to select the PRB bundle size as the single PRG value from the second set.

14. A non-transitory computer-readable medium storing one or more instructions for wireless communication, the one or more instructions comprising:

one or more instructions that, when executed by one or more processors of a user equipment (UE), cause the one or more processors to:

receive an indication of a plurality of selectable physical resource block (PRB) bundle sizes;

receive downlink control information (DCI) that does not include a PRB bundling size indicator that indicates a PRB bundle size to be selected from the plurality of selectable PRB bundle sizes; and

selecting a first value from a set of precoding resource block group (PRG) values as a PRB bundling size in response to determining that the received DCI comprises a DCI format 1_1 and in response to determining that the received DCI does not include the PRB bundling size indicator due to a bandwidth part configuration, upon receiving the plurality of selectable physical resource block (PRB) bundle sizes.

15. The non-transitory computer-readable medium of claim 14, wherein the plurality of selectable PRB bundle sizes includes a first set of PRG values, that includes one or more PRG values, and a second set of PRG values that includes a single PRG value, and wherein the UE is configured to select the PRB bundle size as the single PRG value from the second set.

16. An apparatus for wireless communication, comprising:

means for receiving an indication of a plurality of selectable physical resource block (PRB) bundle sizes;

means for receiving downlink control information (DCI) that does not include a PRB bundling size indicator that indicates a PRB bundle size to be selected from the plurality of selectable PRB bundle sizes; and

means for selecting a first value from a set of precoding resource block group (PRG) values as a PRB bundling size in response to determining that the received DCI comprises a DCI format 1_1 and in response to determining that the received DCI does not include the PRB bundling size indicator due to a bandwidth part configuration, upon receiving the plurality of selectable

physical resource block (PRB) bundle sizes.

17. The apparatus of claim 16, wherein the plurality of selectable PRB bundle sizes includes a first set of PRG values, that includes one or more PRG values, and a second set of PRG values that includes a single PRG value, and wherein the apparatus is configured to select the PRB bundle size as the single PRG value from the second set.