Claims

1. An apparatus comprising at least one processor; and at least one memory including computer program code; the at least one memory and the computer program code configured to, with the at least one processor, cause the apparatus at least to perform:

receiving priority information indicative of a priority state of one or more positioning reference signals, PRSs;

receiving time window information configuring a PRS processing window that is outside of a measurement gap; and

based on the priority information and the time window information, receiving one or more PRSs during the PRS processing window after one or more symbols,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing window.

2. An apparatus according to claim 1, wherein the at least one memory and the computer program code are configured to, with the at least one processor, cause the apparatus at least to perform:

receiving a configuration for the one or more symbols.

3. An apparatus according to claim 2, wherein the one or more symbols are based on the received configuration for the one or more symbols.

4. An apparatus according to any of claims 1 to 3, wherein the one or more symbols are used to perform beam switching for reception of the one or more PRSs.

5. An apparatus according to any of claims 1 to 4, wherein the one or more symbols are used to give the apparatus sufficient time to process received downlink control information.

6. An apparatus according to any of claims 1 to 5, wherein the priority information indicates one of: a first priority state; a second priority state; a third priority state.

7. An apparatus according to claim 6, wherein when the priority information indicates the first priority state, the apparatus is configured to prioritize the one or more PRSs relative to a physical downlink shared channel, such that for at least part of the time window the physical downlink shared channel is dropped in favour of the one or more PRSs.

8. An apparatus according to claim 6, wherein the apparatus is configured to prioritize low latency traffic on a physical downlink shared channel relative to the one or more PRSs, when the priority information indicates the second priority state.

9. An apparatus according to claim 6, wherein the apparatus is configured to drop at least one of the one or more PRSs in favour of at least one of the one or more symbols, when the priority information indicates the second priority state.

10. An apparatus according to claim 6, wherein the apparatus is configured to consider the one or more PRSs as lower priority than a physical downlink control channel and/or a physical downlink shared channel, when the priority information indicates the third priority state.

11. An apparatus comprising at least one processor; and at least one memory including computer program code; the at least one memory and the computer

program code configured to, with the at least one processor, cause the apparatus at least to perform:

sending, to a user device, priority information indicative of a priority state of one or more positioning reference signals, PRSs;

sending, to the user device, time window information for configuring a PRS processing window that is outside of a measurement gap; and

sending a symbol configuration to the user device, the symbol configuration for use by the user device in receiving one or more PRSs during the PRS processing window after one or more symbols,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing window.

12. An apparatus according to claim 11, wherein the at least one memory and the computer program code are configured to, with the at least one processor, cause the apparatus at least to perform:

cross-slot scheduling when sending the priority information.

13. A method comprising:

receiving priority information indicative of a priority state of one or more positioning reference signals, PRSs;

receiving time window information configuring a PRS processing window that is outside of a measurement gap; and

based on the priority information and the time window information, receiving one or more PRSs during the PRS processing window after one or more symbol,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing window.

14. A method comprising:

sending, to a user device, priority information indicative of a priority state of one or more positioning reference signals, PRSs;

sending, to the user device, time window information for configuring a PRS processing window that is outside of a measurement gap; and

sending a symbol configuration to the user device, the symbol configuration for use by the user device in receiving one or more PRSs during the PRS processing window after one or more symbols,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing windows.

15. A computer program comprising instructions for causing an apparatus to perform at least the following:

receiving priority information indicative of a priority state of one or more positioning reference signals, PRSs;

receiving time window information configuring a PRS processing window that is outside of a measurement gap; and

based on the priority information and the time window information, receiving one or more PRSs during the PRS processing window after one or more symbol,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing window.

16. A computer program comprising instructions for causing an apparatus to perform at least the following:

sending, to a user device, priority information indicative of a priority state of one or more positioning reference signals, PRSs;

sending, to the user device, time window information for configuring a PRS processing window that is outside of a measurement gap; and

sending a symbol configuration to the user device, the symbol configuration for use by the user device in receiving one or more PRSs during the PRS processing window after one or more symbols,

wherein the one or more symbols are positioned prior to one or more PRS symbols configured for the one or more PRSs within the PRS processing window, or

wherein the one or more symbols are positioned before a start of the PRS processing window.