

CLAIMS

1. A method for wireless communication, performed by a user equipment, UE, and comprising:
identifying (1710) a first slot format configuration for a first slot for communication with a base station;
receiving (1715), from the base station, an indication of a second slot format configuration for the first slot;
determining (1720) a slot format for the first slot based at least in part on the first slot format configuration and the second slot format configuration; and
communicating (1725) with the base station over a set of symbols of the first slot according to the determined slot format;
wherein the first slot format configuration is a semi-static slot configuration; and
the second slot format configuration is a dynamic slot configuration;
the method further comprising:
receiving (1705), from the base station, an anchor configuration for a set of slots including the first slot, the anchor configuration indicating at least a set of anchor slots, wherein the determined slot format for the first slot is determined based at least in part on the anchor configuration, and wherein an anchor slot indicates a slot defined by the first slot format configuration that is not to be overridden or replaced by a corresponding resource of the second slot format configuration.
2. The method of claim 1, wherein determining the slot format comprises:
identifying a symbol type for each of the set of symbols based at least in part on the semi-static slot configuration and the dynamic slot configuration.
3. The method of claim 2, wherein identifying the symbol type for each of the set of symbols comprises:
replacing flexible symbols indicated by the semi-static slot configuration with symbol types for respective symbols indicated by the dynamic slot configuration; and
maintaining symbols other than the replaced flexible symbols with symbol types indicated by the semi-static slot configuration; or
wherein identifying the symbol type for each of the set of symbols comprises:
replacing all symbols indicated by the semi-static slot configuration with symbol types for respective symbols indicated by the dynamic slot configuration.

4. The method of claim 1, wherein identifying the first slot format configuration comprises:

receiving, from the base station, a semi-static slot configuration indicating a set of downlink symbols, a set of uplink symbols, a set of reserved symbols, and a set of flexible symbols for the first slot, wherein:

the semi-static slot configuration is received via a radio resource control, RRC, message or a broadcast message, and/or

the semi-static slot configuration indicates one or more sets of symbol types for the set of symbols, each of the one or more sets of symbol types corresponding to a different frequency range.

5. The method of claim 1, wherein:

the first slot corresponds to an anchor slot; and

determining the slot format for the first slot comprises determining symbol types for symbols of the first slot based on only the first slot format configuration.

6. The method of claim 1, further comprising:

receiving an indication that the first slot is to be converted from an anchor slot to a non-anchor slot, wherein, as a non-anchor slot, symbol types of the first slot are determined based on at least in part on the second slot format configuration, in particular wherein the indication is received via downlink control information, DCI, or a media access control, MAC, control element, MAC-CE.

7. A method for wireless communication performed by a base station and comprising: transmitting (1910) a first slot format configuration for a first slot for communication with a user equipment, UE;

transmitting (1915), to the UE, an indication of a second slot format configuration for the first slot; and

communicating (1920) with the UE over a set of symbols of the first slot according a slot format based at least in part on the first slot format configuration and the second slot format configuration;

wherein the first slot format configuration is a semi-static slot configuration; and

the second slot format configuration is a dynamic slot configuration;

the method further comprising:

transmitting an anchor configuration for a set of slots including the first slot, the anchor configuration indicating at least a set of anchor slots, wherein the slot format for the first slot is based at least in part on the anchor configuration, and wherein an anchor slot indicates a slot defined by the first slot format configuration that is not to be overridden or replaced by a corresponding resource of the second slot format configuration.

8. The method of claim 7, further comprising:

identifying a symbol type for each of the set of symbols based at least in part on the semi-static and dynamic slot configurations.

9. The method of claim 7, wherein transmitting the first slot format configuration comprises:

transmitting a semi-static slot configuration indicating a set of downlink symbols, a set of uplink symbols, a set of reserved symbols, and a set of flexible symbols for the first slot, wherein:

the semi-static slot configuration is transmitted via a radio resource control, RRC, message or a broadcast message, and/or

the semi-static slot configuration indicates one or more sets of symbol types for the set of symbols, each of the one or more sets of symbol types corresponding to a different frequency range.

10. The method of claim 7, wherein transmitting the indication of the second slot format configuration comprises:

transmitting a dynamic slot configuration indicating a set of downlink symbols, a set of uplink symbols, a set of reserved symbols, and a set of blank symbols for the first slot, wherein the dynamic slot configuration is transmitted via a common physical downlink control channel, PDCCH, and

wherein in particular the common PDCCH corresponds to a group of UEs.

11. The method of claim 7, wherein:

the first slot corresponds to an anchor slot; and

the slot format for the first slot is based on only symbol types for the set of symbols as indicated by the first slot format configuration.

12. The method of claim 7, wherein:

the first slot corresponds to a soft anchor slot; and
the slot format for the first slot is based on only symbol types for the set of symbols as indicated by the second slot format configuration.

13. A user equipment (115), UE, for wireless communication, comprising:
means for identifying a first slot format configuration (210, 310, 410, 510) for a first slot for communication with a base station (105);
means for receiving, from the base station, an indication of a second slot format configuration (215, 315, 415, 515) for the first slot;
means for determining a slot format for the first slot based at least in part on the first slot format configuration and the second slot format configuration; and
means for communicating with the base station over a set of symbols of the first slot according to the determined slot format;
wherein the first slot format configuration is a semi-static slot configuration; and
the second slot format configuration is a dynamic slot configuration;
the UE further comprising:
means for receiving, from the base station, an anchor configuration (230) for a set of slots including the first slot, the anchor configuration indicating at least a set of anchor slots, wherein the means for determining a slot format for the first slot is based at least in part on the anchor configuration, and wherein an anchor slot indicates a slot defined by the first slot format configuration that is not to be overridden or replaced by a corresponding resource of the second slot format configuration.

14. A base station (105) for wireless communication, comprising:
means for transmitting a first slot format configuration (210, 310, 410, 510) for a first slot for communication with a user equipment (115), UE;
means for transmitting, to the UE, an indication of a second slot format configuration (215, 315, 415, 515) for the first slot; and
means for communicating with the UE over a set of symbols of the first slot according a slot format based at least in part on the first slot format configuration and the second slot format configuration;
wherein the first slot format configuration is a semi-static slot configuration; and
the second slot format configuration is a dynamic slot configuration;
the base station further comprising:

means for transmitting an anchor configuration (230) for a set of slots including the first slot, the anchor configuration indicating at least a set of anchor slots, wherein the slot format for the first slot is based at least in part on the anchor configuration, and wherein an anchor slot indicates a slot defined by the first slot format configuration that is not to be overridden or replaced by a corresponding resource of the second slot format configuration.

15. A computer program comprising executable instructions which, when executed by at least one computer, cause the at least one computer to perform a method according to one of the claims 1 to 6 or 7 to 12.