37. An apparatus according to claim **20**, wherein the TDD frame comprises at least one of the following:

an uplink-only frame format including an uplink portion, without the guard period and a downlink portion, and

a downlink-only frame format including a downlink portion, without the guard period and an uplink portion.

38. (canceled)

39. A user equipment comprising

at least one processor; and

at least one memory including a computer program code,

the at least one memory and the computer program code are configured to, with the at least one processor, cause the user equipment to

apply a TDD data frame structure such that a TDD frame has a predefined frame duration defining a link direction 1-link direction 2 switching point periodicity, the frame duration defining a maximum time in which a half-duplex apparatus performs a cycle transmit-receive-transmit and/or a cycle receive-transmit-receive, wherein a link direction 1-link direction 2 ratio is adjustable on a symbol level in the TDD frame, wherein the TDD frame is partitioned into one or more of a guard period, a link direction 2 portion and a link direction 1 portion.

40. A user equipment according to claim **39**, wherein the at least one memory and the computer program code are configured to, with the at least one processor, cause the user equipment to

receive information on a frame format selected in a network apparatus, and configure data transmission and data reception based on said selecting.

41. (canceled)

42. A method, comprising:

receiving, by a user equipment, information on a frame format selected in a network apparatus;

configuring data transmission and data reception based on said selected frame format, and

applying a TDD data frame structure such that a TDD frame has a predefined frame duration defining a link direction 1-link direction 2 switching point periodicity, the frame duration defining a maximum time in which a half-duplex apparatus performs a cycle transmit-receive-transmit and/or a cycle receive-transmit-receive, wherein a link direction 1-link direction 2 ratio is adjustable on a symbol level in the TDD frame, wherein the TDD frame is partitioned into one or more of the guard period, a link direction 2 portion and a link direction 1 portion.

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