CLAIMS

WE CLAIM:

1. A wireless communication method comprising:

receiving, at a basestation from a core network (CN), a paging identity information during a user equipment (UE) context setup procedure;

sending, by a basestation centralized unit (CU), a paging message to a basestation distributed unit (DU) that includes the paging identity information; and

calculating, by the basestation DU with the received paging identity information, a Paging Time Window (PTW) or a Paging Hyperframe (PH) for paging with a UE in an RRC INACTIVE state.

2. The wireless communication method of claim 1, wherein the receiving comprises:

receiving an INITIAL CONTEXT SETUP REQUEST message that includes the paging identity information.

3. The wireless communication method of claim 1, wherein the paging identity information compromises HASH ID information.

4. The wireless communication method of claim 1, wherein the receiving comprises:

receiving a triggering of a UE context modification procedure; and

receiving updates to the paging identity information.

5. The wireless communication method of claim 4, wherein the UE context modification procedure comprising:

receiving a UE CONTEXT MODIFICATION REQUEST message from the CN that includes the paging identity information.

6. The wireless communication method of claim 1, further comprising:

sending, by the CN, the paging identity information to an identified target node for a handover of the UE, wherein the identified target node utilizes the paging identity information for a calculation of the PTW or the PH.

7. The wireless communication method of claim 6, wherein the paging identity information is included in a HANDOVER REQUEST or a PATH SWITCH REQUEST ACKNOWLEDGE message sent to the target node by the CN.

8. The wireless communication method of claims 1-7, further comprising:

sending a paging message to another network node with the paging identity information, wherein the another network node uses the paging identity information to calculate the PTW or the PH.

9. A wireless communication method comprising:

sending, by a core network (CN) during a user equipment (UE) context setup procedure, a paging identity information to a basestation;

sending, by a basestation centralized unit (CU), a paging message to a basestation distributed unit (DU) that includes the paging identity information; and

calculating, by the basestation DU using the paging identity information, a Paging Time Window (PTW) or a Paging Hyperframe (PH) for paging with a user equipment (UE) in an RRC INACTIVE state.

10. The wireless communication method of claim 10, wherein the sending comprises:

sending an INITIAL CONTEXT SETUP REQUEST message that includes the paging identity information.

11. The wireless communication method of claim 10, wherein the paging identity information compromises HASH ID information.

12. The wireless communication method of claim 10, wherein the receiving comprises:

triggering of a UE context modification procedure; and

sending an update to the paging identity information of the UE to a basestation.

13. The wireless communication method of claim 13, wherein the UE context modification procedure comprises:

sending, to the basestation, a UE context modification request that includes the paging identity information.

14. The wireless communication method of claim 10, further comprising:

sending the paging identity information to an identified target node for a handover of the UE, wherein the identified target node utilizes the paging identity information for a calculation of the PTW or the PH.

15. The wireless communication method of claim 15, wherein the paging identity information is included in a HANDOVER REQUEST or a PATH SWITCH REQUEST ACKNOWLEDGE message sent to the target node by the CN.

16. The wireless communication method of claims 10-16, wherein a paging message is sent to another network node with the paging identity information, wherein the another network node uses the paging identity information to calculate the PTW or the PH.

17. A wireless communications apparatus comprising a processor and a memory, wherein the processor is configured to read code from the memory and implement a method recited in any of claims 1 to 16.

18. A computer program product comprising a computer-readable program medium code stored thereupon, the code, when executed by a processor, causing the processor to implement a method recited in any of claims 1 to 16.