

CLAIMS

1. A method for wireless communication at a user equipment (UE), comprising:

receiving a configuration of a page monitoring periodicity, wherein the page monitoring periodicity includes one or more radio resource management measurement periods based at least in part on the configuration of the page monitoring periodicity;

receiving a configuration of a wake-up signal;

performing discontinuous monitoring for a plurality of wake-up signals based at least in part on a wake-up signal periodicity; and

monitoring for a paging message during a page monitoring period according to a radio resource management measurement periodicity and the page monitoring periodicity, or the wake-up signal periodicity, or a received wake-up signal, or a combination thereof, wherein the radio resource management measurement periodicity is associated with the one or more radio resource management measurement periods of the page monitoring periodicity.

2. The method of claim 1, further comprising:

receiving the wake-up signal based at least in part on the wake-up signal periodicity.

3. The method of claim 1, wherein receiving the configuration of the page monitoring periodicity comprises:

receiving the configuration of the page monitoring periodicity via a system information message, or a radio resource control (RRC) message, or a non-access stratum (NAS) message, or a combination thereof.

4. The method of claim 1, further comprising:

monitoring for the paging message based at least in part on a time period during which the wake-up signal has been skipped at least once.

5. The method of claim 1, further comprising:

identifying the configuration of the page monitoring periodicity based at least in part on a relationship between the page monitoring periodicity and one or more other parameters.

6. The method of claim 5, wherein monitoring for the paging message comprises:

monitoring for the paging message based at least in part on the relationship between the page monitoring periodicity and the one or more other parameters.

7. The method of claim 1, further comprising:

detecting the paging message during the page monitoring period based at least in part on the monitoring, wherein the paging message is detected based at least in part on the received wake-up signal.

8. The method of claim 1, further comprising:

performing a handover to a target cell; and
monitoring for one or more paging messages from the target cell according to a page monitoring periodicity for the target cell, or a wake-up signal periodicity for the target cell, or a received wake-up signal from the target cell, or a combination thereof.

9. The method of claim 1, further comprising:

identifying a system information change notification based at least in part on a detected paging message.

10. A method for wireless communication at a base station, comprising:

determining a page monitoring periodicity for configuring a user equipment (UE) to monitor for a paging message;

determining a wake-up signal periodicity for a plurality of wake-up signals, the wake-up signal periodicity being less than or equal to the page monitoring periodicity;

transmitting a configuration of the page monitoring periodicity to the UE, wherein the configuration indicates a relationship between the page monitoring periodicity and the wake-up signal periodicity; and

transmitting, within the configuration, an indication that the page monitoring periodicity comprises one or more radio resource management measurement periods.

11. The method of claim 10, wherein transmitting the configuration of the page monitoring periodicity comprises:

transmitting the configuration of the page monitoring periodicity via a system information message, or a radio resource control (RRC) message, or a non-access stratum (NAS) message, or a combination thereof.

12. The method of claim 10, further comprising:

transmitting a system information change notification within the paging message.

13. An apparatus for wireless communication, comprising:

a receiver configured to receive a configuration of a page monitoring periodicity and receive a configuration of a wake-up signal, wherein the page monitoring periodicity includes one or more radio resource management measurement periods based at least in part on the configuration of the page monitoring periodicity;

a processor;

memory in electronic communication with the processor; and

instructions stored in the memory and executable by the processor to cause the apparatus

to:

perform discontinuous monitoring for a plurality of wake-up signals based at least in part on a wake-up signal periodicity; and

monitor for a paging message during a page monitoring period according to a radio resource management measurement periodicity and the page monitoring periodicity, or the wake-up signal periodicity, or a received wake-up signal, or a combination thereof, wherein the radio resource management measurement periodicity is associated with the one or more radio resource management measurement periods of the page monitoring periodicity.

14. The apparatus of claim 13, wherein the receiver is configured to:

receive the wake-up signal based at least in part on the wake-up signal periodicity.

15. The apparatus of claim 13, wherein the receiver is configured to:

receive the configuration of the page monitoring periodicity via a system information message, or a radio resource control (RRC) message, or a non-access stratum (NAS) message, or a combination thereof.

16. The apparatus of claim 13, wherein the instructions are further executable by the processor to cause the apparatus to:

monitor for the paging message based at least in part on a time period during which the wake-up signal has been skipped at least once.

17. The apparatus of claim 13, wherein the instructions are further executable by the processor to cause the apparatus to:

identify the configuration of the page monitoring periodicity based at least in part on a relationship between the page monitoring periodicity and one or more other parameters.

18. The apparatus of claim 17, wherein the instructions executable by the processor to cause the apparatus to monitor for the paging message further comprise instructions executable by the processor to cause the apparatus to:

monitor for the paging message based at least in part on the relationship between the page monitoring periodicity and the one or more other parameters.

19. The apparatus of claim 13, wherein the instructions are further executable by the processor to cause the apparatus to:

detect the paging message during the page monitoring period based at least in part on the monitoring, wherein the paging message is detected based at least in part on the received wake-up signal.

20. The apparatus of claim 13, wherein the instructions are further executable by the processor to cause the apparatus to:

perform a handover to a target cell; and

monitor for one or more paging messages from the target cell according to a page monitoring periodicity for the target cell, or a wake-up signal periodicity for the target cell, or a received wake-up signal from the target cell, or a combination thereof.

21. The apparatus of claim 13, wherein the instructions are further executable by the processor to cause the apparatus to:

identify a system information change notification based at least in part on a detected paging message.

22. An apparatus for wireless communication, comprising:

a processor;

memory in electronic communication with the processor;

instructions stored in the memory and executable by the processor to cause the apparatus to:

determine a page monitoring periodicity for configuring a user equipment (UE) to monitor for a paging message; and

determine a wake-up signal periodicity for a plurality of wake-up signals, the wake-up signal periodicity being less than or equal to the page monitoring periodicity; and

a transmitter configured to:

transmit a configuration of the page monitoring periodicity to the UE, wherein the configuration indicates a relationship between the page monitoring periodicity and the wake-up signal periodicity; and

transmit, within the configuration, an indication that the page monitoring periodicity comprises one or more radio resource management measurement periods.

23. The apparatus of claim 22, wherein the transmitter is configured to:

transmit the configuration of the page monitoring periodicity via a system information message, or a radio resource control (RRC) message, or a non-access stratum (NAS) message, or a combination thereof.

24. The apparatus of claim 22, wherein the transmitter is configured to:

transmit a system information change notification within the paging message.

25. An apparatus for wireless communication, comprising:

means for receiving a configuration of a page monitoring periodicity, wherein the page monitoring periodicity includes one or more radio resource management measurement periods based at least in part on the configuration of the page monitoring periodicity;

means for receiving a configuration of a wake-up signal;

means for performing discontinuous monitoring for a plurality of wake-up signals based at least in part on a wake-up signal periodicity; and

means for monitoring for a paging message during a page monitoring period according to a radio resource management measurement periodicity and the page monitoring periodicity, or the wake-up signal periodicity, or a received wake-up signal, or a combination thereof, wherein the radio resource management measurement periodicity is associated with the one or more radio resource management measurement periods of the page monitoring periodicity.

26. An apparatus for wireless communication, comprising:

means for determining a page monitoring periodicity for configuring a user equipment (UE) to monitor for a paging message;

means for determining a wake-up signal periodicity for a plurality of wake-up signals, the wake-up signal periodicity being less than or equal to the page monitoring periodicity;

means for transmitting a configuration of the page monitoring periodicity to the UE, wherein the configuration indicates a relationship between the page monitoring periodicity and the wake-up signal periodicity; and

means for transmitting, within the configuration, an indication that the page monitoring periodicity comprises one or more radio resource management measurement periods.

27. A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:

receive a configuration of a page monitoring periodicity, wherein the page monitoring periodicity includes one or more radio resource management measurement periods based at least in part on the configuration of the page monitoring periodicity;

- receive a configuration of a wake-up signal;
- perform discontinuous monitoring for a plurality of wake-up signals based at least in part on a wake-up signal periodicity; and
- monitor for a paging message during a page monitoring period according to a radio resource management measurement periodicity and the page monitoring periodicity, or the wake-up signal periodicity, or a received wake-up signal, or a combination thereof, wherein the radio resource management measurement periodicity is associated with the one or more radio resource management measurement periods of the page monitoring periodicity.

28. A non-transitory computer-readable medium storing code for wireless communication, the code comprising instructions executable by a processor to:

- determine a page monitoring periodicity for configuring a user equipment (UE) to monitor for a paging message;
- determine a wake-up signal periodicity for a plurality of wake-up signals, the wake-up signal periodicity being less than or equal to the page monitoring periodicity;
- transmit a configuration of the page monitoring periodicity to the UE, wherein the configuration indicates a relationship between the page monitoring periodicity and the wake-up signal periodicity; and
- transmit, within the configuration, an indication that the page monitoring periodicity comprises one or more radio resource management measurement periods.