

WHAT IS CLAIMED IS:

1. A method of wireless communication performed by a user equipment (UE), comprising:
transmitting a beam failure recovery (BFR) request based at least in part on detecting a beam failure that occurred while the UE is in a discontinuous reception (DRX) mode; and
receiving a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.
2. The method of claim 1, wherein the particular structure is a downlink control channel without a scheduling grant.
3. The method of claim 2, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).
4. The method of claim 1, wherein the particular structure is at least one of:
a particular waveform,
a particular downlink sequence, or
a reference signal.
5. The method of claim 1, further comprising:
transmitting an acknowledgment or a negative acknowledgment corresponding to the response.
6. The method of claim 1, wherein the response includes at least one of:
information regarding uplink power control for the UE,
an uplink grant,
a downlink grant, or
information indicating that the DRX mode is to be terminated.
7. The method of claim 1, further comprising:
receiving, during an awake period of the DRX mode and after the response is received, information for a BFR procedure.
8. A method of wireless communication performed by a base station, comprising:

receiving a beam failure recovery (BFR) request from a user equipment (UE) based at least in part on the UE being in a discontinuous reception (DRX) mode when a beam failure associated with the BFR request occurs; and

transmitting a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.

9. The method of claim 8, wherein the particular structure is a downlink control channel without a scheduling grant.

10. The method of claim 9, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).

11. The method of claim 8, wherein the particular structure is based at least in part on at least one of:

- a particular waveform,
- a particular downlink sequence, or
- a reference signal.

12. The method of claim 8, further comprising:
receiving an acknowledgment or a negative acknowledgment corresponding to the response.

13. The method of claim 8, wherein the response includes at least one of:
information regarding uplink power control for the UE,
an uplink grant,
a downlink grant, or
information indicating that the DRX mode is to be terminated.

14. The method of claim 8, further comprising:
transmitting, during an awake period of the DRX mode and after the response is transmitted, information for a BFR procedure.

15. A user equipment (UE) for wireless communication, comprising:
a memory; and
one or more processors operatively coupled to the memory, the memory and the one or more processors configured to:

transmit a beam failure recovery (BFR) request based at least in part on detecting a beam failure that occurred while the UE is in a discontinuous reception (DRX) mode; and

receive a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.

16. The UE of claim 15, wherein the particular structure is a downlink control channel without a scheduling grant.
17. The UE of claim 16, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).
18. The UE of claim 15, wherein the particular structure is at least one of:
 - a particular waveform,
 - a particular downlink sequence, or
 - a reference signal.
19. The UE of claim 15, wherein the one or more processors are further configured to:
 - transmit an acknowledgment or a negative acknowledgment corresponding to the response.
20. The UE of claim 15, wherein the response includes at least one of:
 - information regarding uplink power control for the UE,
 - an uplink grant,
 - a downlink grant, or
 - information indicating that the DRX mode is to be terminated.
21. The UE of claim 15, wherein the one or more processors are further configured to:
 - receive, during an awake period of the DRX mode and after the response is received, information for a BFR procedure.
22. A base station for wireless communication, comprising:
 - a memory; and
 - one or more processors operatively coupled to the memory, the memory and the one or more processors configured to:

receive a beam failure recovery (BFR) request from a user equipment (UE) based at least in part on the UE being in a discontinuous reception (DRX) mode when a beam failure associated with the BFR request occurs; and
transmit a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.

23. The base station of claim 22, wherein the particular structure is a downlink control channel without a scheduling grant.
24. The base station of claim 23, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).
25. The base station of claim 22, wherein the particular structure is based at least in part on at least one of:
a particular waveform,
a particular downlink sequence, or
a reference signal.
26. The base station of claim 22, wherein the one or more processors are further configured to:
receive an acknowledgment or a negative acknowledgment corresponding to the response.
27. The base station of claim 22, wherein the response includes at least one of:
information regarding uplink power control for the UE,
an uplink grant,
a downlink grant, or
information indicating that the DRX mode is to be terminated.
28. The base station of claim 22, wherein the one or more processors are further configured to:
transmit, during an awake period of the DRX mode and after the response is transmitted, information for a BFR procedure.
29. An apparatus for wireless communication, comprising:

means for transmitting a beam failure recovery (BFR) request based at least in part on detecting a beam failure that occurred while the apparatus is in a discontinuous reception (DRX) mode; and

means for receiving a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.

30. The apparatus of claim 29, wherein the particular structure is a downlink control channel without a scheduling grant.

31. The apparatus of claim 30, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).

32. The apparatus of claim 29, wherein the particular structure is at least one of:
a particular waveform,
a particular downlink sequence, or
a reference signal.

33. The apparatus of claim 29, further comprising:
means for transmitting an acknowledgment or a negative acknowledgment corresponding to the response.

34. The apparatus of claim 29, wherein the response includes at least one of:
information regarding uplink power control for the apparatus,
an uplink grant,
a downlink grant, or
information indicating that the DRX mode is to be terminated.

35. The apparatus of claim 29, further comprising:
means for receiving, during an awake period of the DRX mode and after the response is received, information for a BFR procedure.

36. An apparatus for wireless communication, comprising:
means for receiving a beam failure recovery (BFR) request from a user equipment (UE) based at least in part on the UE being in a discontinuous reception (DRX) mode when a beam failure associated with the BFR request occurs; and

means for transmitting a response to the BFR request, wherein the response uses a particular structure based at least in part on the beam failure occurring during the DRX mode.

37. The apparatus of claim 36, wherein the particular structure is a downlink control channel without a scheduling grant.

38. The apparatus of claim 37, wherein the response includes downlink control information with a cyclic redundancy check that is scrambled using a cell radio network temporary identifier (C-RNTI).

39. The apparatus of claim 36, wherein the particular structure is based at least in part on at least one of:

- a particular waveform,
- a particular downlink sequence, or
- a reference signal.

40. The apparatus of claim 36, further comprising:
means for receiving an acknowledgment or a negative acknowledgment corresponding to the response.

41. The apparatus of claim 36, wherein the response includes at least one of:
information regarding uplink power control for the UE,
an uplink grant,
a downlink grant, or
information indicating that the DRX mode is to be terminated.

42. The apparatus of claim 36, further comprising:
means for transmitting, during an awake period of the DRX mode and after the response is transmitted, information for a BFR procedure.