CLAIMS

What is claimed is:

1. A method for use in a wireless transmit/receive unit (WTRU), the method comprising:

receiving a first message from a network using~~via~~ a first access technology, the first message comprising an indication for the WTRU to reestablish resources for one or more protocol data unit (PDU) sessions ~~over~~using a second access technology;

determining that a PDU session of the one or more PDU sessions is locally deactivated by the WTRU;

determining that the WTRU is in a limited service state associated with the second access technology; and

sending a second message using~~via~~ the first access technology, the second message comprising a PDU session status information element (IE) indicating the PDU session is locally deactivated ~~such that the network releases the PDU session~~.

2. The method of claim 1, further comprising:

registering with the network ~~over~~using both the first access technology and the second access technology.

3. The method of claim 1, wherein the first access technology is a non-Third Generation Partnership Project (non-3GPP) access technology and the second access technology is a 3GPP access technology.

4. The method of claim 1, wherein the first access technology is an IEEE 802.11 access technology and the second access technology is a 3GPP access technology.

5. The method of claim 1, wherein the network comprises an Access and Mobility Function (AMF) shared between the first access technology and the second access technology.

6. The method of claim 1, wherein the WTRU is in connected mode (CM) in the first access technology.

7. The method of claim 1, wherein the WTRU is in idle mode (IM) in the second access technology.

8. The method of claim 1, wherein the second message is a non-access stratum (NAS) message.

9. The method of claim 1, wherein the second message comprises a notification response message.

10. The method of claim 1, wherein the PDU session is locally deactivated while the WTRU is in a limited service state of the second access technology.

11. A wireless transmit/receive unit (WTRU) comprising:

an antenna; and

a processor operatively coupled to the antenna;

the processor and the antenna configured to receive a first message from a network using~~via~~ a first access technology, the first message comprising an indication for the WTRU to reestablish resources for one or more protocol data unit (PDU) sessions using~~over~~ a second access technology;

the processor configured to determine that a PDU session of the one or more PDU sessions is locally deactivated by the WTRU;

the processor further configured to determine that the WTRU is in a limited service state associated with the second access technology; and

the processor and the antenna further configured to send a second message using~~via~~ the first access technology, the second message comprising a PDU session status information element (IE) indicating the PDU session is locally deactivated~~ such that the network releases the PDU session~~.

12. The WTRU of claim 11, wherein the WTRU is registered to the network in~~via~~ both the first access technology and the second access technology.

13. The WTRU of claim 11, wherein the first access technology is a non-Third Generation Partnership Project (non-3GPP) access technology and the second access technology is a 3GPP access technology.

14. The WTRU of claim 11, wherein the first access technology is an IEEE 802.11 access technology and the second access technology is a 3GPP access technology.

15. The WTRU of claim 11, wherein the network comprises an Access and Mobility Function (AMF) shared between the first access technology and the second access technology.

16. The WTRU of claim 11, wherein the WTRU is in connected mode (CM) in the first access technology.

17. The WTRU of claim 11, wherein the WTRU is in idle mode (IM) in the second access technology.

18. The WTRU of claim 11, wherein the second message is a non-access stratum (NAS) message.

19. The WTRU of claim 11, wherein the second message comprises a notification response message.

20. The WTRU of claim 11, wherein the PDU session is locally deactivated while the WTRU is in the limited service state of~~over~~ the second access technology.