CLAIMS

What is claimed is:

1. A method (400) of operation in a wireless communication device (22) configured for operation in a wireless communication network (20), the method (400) comprising:

receiving (block 402) a resource identifier from a network node (10, 28) in the wireless communication network (20);

using (block 406) the resource identifier to identify a corresponding frequency resource within an allocated bandwidth (18) of the wireless communication device (22), if the resource identifier was received in a device-specific message;

translating the resource identifier and using (block 408) the translated resource identifier to identify the corresponding frequency resource within the allocated bandwidth (18) of the wireless communication device (22), if the resource identifier was received in a downlink control message transmitted by a base station (28) in the wireless communication network (20) on radio resources within a common search space used for sending downlink control messages to multiple wireless communication devices (22), wherein translating the resource identifier comprises using mapping information that relates a first frequency resource referencing scheme to a second frequency resource referencing scheme; and

transmitting or receiving (block 410) on the corresponding frequency resource.

2. The method (400) of claim 1, wherein the corresponding frequency resource belongs to a set of frequency resources pointed to by the resource identifier, the set of frequency resources carry data or control information, and wherein transmitting or receiving on the corresponding frequency resource comprises decoding the data or control information from the set of frequency resources.

3. A wireless communication device (22) comprising:

communication circuitry (40) configured for wireless communication in a wireless communication network (20); and

processing circuitry (46) operatively associated with the communication circuitry (40) and configured to:

receive, via the communication circuitry (40), a resource identifier from a network node (10, 28) in the wireless communication network (20);

use the resource identifier to identify a corresponding frequency resource within an allocated bandwidth (18) of the wireless communication device (22), if the resource identifier was received in a device-specific message;

translate the resource identifier and use the translated resource identifier to identify the corresponding frequency resource within the allocated bandwidth (18) of the wireless communication device (22), if the resource identifier was received in a downlink control message transmitted by a base station (28) in the wireless communication network (20) on radio resources within a common search space used for sending downlink control messages to multiple wireless communication devices (22), wherein the processing circuitry (46) is configured to translate resource identifiers expressed using a first frequency resource referencing scheme by using mapping information that relates the first frequency resource referencing scheme to a second frequency resource referencing scheme; and

transmit or receive on the corresponding radio resource, via the communication circuitry (40).

4. The wireless communication device (22) of claim 3, wherein the corresponding radio resource belongs to a set of frequency resources pointed to by the resource identifier, the set of frequency resources carry data or control information, and wherein the processing circuitry (46) is configured to decode the data or control information from the set of frequency resources.