According to a first aspect, there is provided a method comprising: detecting a closed subscriber group (CSG) cell; generating, at a mobile terminal, an identifier for the CSG cell; and causing the identifier to be transmitted from the mobile terminal to a macrocell in association with a measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal and the macrocell.

According to a second aspect, there is provided an apparatus comprising at least one processor and at least one memory including computer program code, the at least one memory and the computer program code configured to, with the processor, cause the apparatus to: detect a closed subscriber group (CSG) cell; generate, at a mobile terminal, an identifier for the CSG cell; and cause the identifier to be transmitted from the mobile terminal to a macrocell in association with a measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal and the macrocell.

According to a third aspect, there is provided a computer program product comprising at least one computer-readable storage medium having computer-executable program instructions stored therein, the computer-executable program instructions comprising instructions for: detecting a closed subscriber group (CSG) cell; generating, at a mobile terminal, an identifier for the CSG cell; and causing the identifier to be transmitted from the mobile terminal to a macrocell in association with a measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal and the macrocell.

According to a fourth aspect, there is provided a method comprising: receiving, at a macrocell from a mobile terminal, measurement reports for each of a plurality of closed subscriber group (CSG) cells having a common physical layer identity and a common frequency; and identifying a respective CSG cell based upon an identifier included within the measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal issuing the measurement report and the macrocell, but not more globally nor between another mobile terminal and the macrocell.

According to a fifth aspect, there is provided an apparatus comprising at least one processor and at least one memory including computer program code, the at least one memory and the computer program code configured to, with the processor, cause the apparatus to: receive, at a macrocell from a mobile terminal, measurement reports for each of a plurality of closed subscriber group (CSG) cells having a common physical layer identity and a common frequency; and identify a respective CSG cell based upon an identifier included within the measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal issuing the measurement report and the macrocell, but not more globally nor between another mobile terminal and the macrocell.

According to a sixth aspect, there is provided a computer program product comprising at least one computer-readable storage medium having computer-executable program instructions stored therein, the computer-executable program instructions comprising instructions for: receiving, at a macrocell from a mobile terminal, measurement reports for each of a plurality of closed subscriber group (CSG) cells having a common physical layer identity and a common frequency; and identifying a respective CSG cell based upon an identifier included within the measurement report, wherein the identifier allows the CSG cell to be identified as between the mobile terminal issuing the measurement report and the macrocell, but not more globally nor between another mobile terminal and the macrocell.

In one example embodiment, a method is provided for receiving an indication that a CSG cell has been detected and then generating an identifier for the CSG cell. The identifier may be caused to be transmitted to a macrocell in association with a physical layer identity and a frequency of the CSG cell, thereby uniquely identifying the CSG cell as between a respective mobile terminal and the macrocell while the identifier is valid.

In another example embodiment, an apparatus is provided that includes at least one processor and at least one memory storing computer program code. The at least one memory and the storage computer program code are configured, with the at least one processor, to cause the apparatus to at least receive an indication that a CSG cell has been detected, generate an identifier for the CSG cell and cause the identifier to be transmitted to a macrocell in association with the physical layer identity and the frequency of the CSG cell.

In accordance with a further example embodiment, a computer program product is provided that includes at least one computer-readable storage medium having computer-readable program instructions stored therein. The computer-readable program instructions may include program instructions configured to receive an indication that a CSG cell has been detected and program instructions configured to generate an identifier for the CSG cell. The computer-readable program instructions may also include program instructions configured to cause the identifier to be transmitted to a macrocell in association with a physical layer identity and the frequency of the CSG cell.

An apparatus also provided in accordance with another example embodiment that includes means for receiving an indication that a CSG cell has been detected, means for generating an identifier for the CSG cell and means for causing the identifier to be transmitted to a macrocell in association with a physical layer identity and the frequency of the CSG cell.

In accordance with another example embodiment, a method is provided that receives measurement reports for each of a plurality of CSG cells having a common physical layer identity and a common frequency within a macrocell. The measurement reports identify the respective CSG cells by an identifier in association with the physical layer identity and the frequency at which a CSG cell operates. The identifier serves to uniquely identify the respective CSG cell as between the mobile terminal issuing the measurement report and the macrocell as long as the identifier is valid, but not more globally within a network nor between the network and another mobile terminal. The method of this example embodiment also causes a cell change order to be issued that identifies the target CSG cell by the respective identifier in association with the physical layer identity and the frequency.

In yet another example embodiment, an apparatus is provided that includes at least one processor and at least one memory storing computer program code. The at least one memory and the stored computer program code may be configured, with the at least one processor, to cause the apparatus to at least receive measurement reports for each of a plurality of CSG cells having a common physical layer identity and a common frequency within a macrocell. The measurement reports may identify the