Claims:

1. A method (200) for preparing a measurement report on network resources, referred to as resources, in the vicinity of a multi-RAT mobile station (100), referred to as MS, wherein the MS (100) supports a plurality of radio access technologies, referred to as RATs; the method (200) comprising:

- receiving a plurality of RAT resource reporting values, each RAT resource reporting value indicating a number of resources of the corresponding RAT that should be included into the measurement report;

- determining (205) a plurality of lists of valid neighbour resources associated with the plurality of RATs; and

- including (208) resources from the plurality of lists of valid neighbour resources into the measurement report according to a RAT sequence of the plurality of RATs, wherein a second resource of the given RAT is included into the report, subject to including a first resource into the measurement report, for each of the plurality of RATs for which the RAT resource reporting value is greater than zero, wherein the RAT sequence is determined by ranking the plurality of RATs accordance to the respective plurality of RAT resource reporting values.

2. The method (200) of claim 1, further comprising

- determining (204) at least one measurement quantity for each of the resources of a plurality of lists of neighbour resources, the plurality of lists of neighbour resources corresponding to the plurality of RATs supported by the MS, wherein a type of the at least one measurement quantity of a resource is dependent on the RAT and is indicative of a quality of a connection between the MS and the respective resource.

3. The method (200) of claim 2, wherein the plurality of lists of valid neighbour resources is determined from the corresponding lists of neighbour resources, wherein for each resource in the plurality of lists of valid neighbour resources the determined at least one measurement quantity exceeds at least one threshold value, wherein the at least one threshold value is dependent on the RAT.

4. The method (200) of claim 3, further comprising

- ranking the resources within the plurality of lists of valid neighbour resources in accordance to the at least one measurement quantity determined for the resources, wherein the resources included into the report correspond to the highest ranking resources of their respective lists of valid neighbour resources.

5. The method (200) of any of claims 2 to 4, wherein the at least one measurement quantity of a resource is indicative of a signal-to-noise ratio and/or a signal strength, which is achieved when operating the MS using the resource.

~~6. The method (200) of any previous claim, wherein~~

~~- the RAT sequence is determined by ranking the plurality of RATs accordance to the respective plurality of RAT resource reporting values.~~

~~7~~6. The method (200) of any previous claims, wherein the including (208) comprises

- for a particular RAT from the plurality of RATs having a RAT resource reporting value which is greater than the number of resources of the particular RAT that have already been included into the report, including one resource of the associated list of valid neighbour resources into the report.

~~8~~7. The method (200) of any previous claim, wherein the including (208) comprises

- selecting a current RAT from the plurality of RATs in accordance to the RAT sequence; and

- if the number of resources of the current RAT which have already been included into the report is lower than the respective RAT resource reporting value, including one resource from the plurality of valid resources associated with the current RAT into the report.

~~9~~8. The method (200) of claim ~~8~~7, wherein the including (208) further comprises

- subject to an iteration during which one resource has been included into the report for each RAT of the plurality of RATs for which the number of resources that had previously been included into the report is lower than the respective RAT resource reporting value, performing a further iteration.

~~10~~9. The method (200) of any previous claim, wherein the MS further comprises a maximum RAT resource reporting value indicating the total number of resources to be included into the measurement report, wherein the maximum RAT resource reporting value is greater than one.

~~11~~10. The method (200) of claim ~~10~~9, further comprising

- subject to including a resource into the measurement report, determining a total number of resources included into the report; and

- terminating the including (208) if the total number of resources corresponds to the maximum RAT resource reporting value or if for each RAT, the number of resources included into the report corresponds to the lower one of the corresponding RAT resource reporting value and the number of resources in the corresponding list of valid neighbour resources.

~~12~~11. The method (200) of any previous claim, wherein the MS supports GSM.

~~13~~12. The method (200) of claim ~~12~~ 11 referring back to ~~10~~ claim 9 or ~~11~~10, further comprising

- including (209) a valid GSM cell into the measurement report, subject to including in the report, for each RAT, a number of resources corresponding to the lower one of the corresponding RAT resource reporting value and the number of resources in the corresponding list of valid neighbour resources.

~~14~~13. The method (200) of any of claims ~~12~~ 11 to ~~13~~12, further comprising

- receiving (203) a GSM cell parameter at the MS indicative of a number of valid GSM cells to be included into the report.

~~15~~14. The method (200) of claim ~~14~~ 13 referring back to claim ~~11~~10, wherein the including (208) is terminated if the total number of resources corresponds to the maximum RAT resource reporting value reduced in accordance to the GSM cell parameter or if for each RAT, the number of resources included into the report corresponds to the lower one of the corresponding RAT resource reporting value and the number of resources in the corresponding list of valid neighbour resources.

~~16~~15. The method (200) of any of claims ~~13~~ 12 to ~~15~~14, further comprising

- determining that the total number of resources included into the measurement report is lower than the maximum RAT resource reporting value; and

- including (210) a further resource into the measurement report,

wherein the further resource is associated with a RAT having a RAT resource reporting value greater than 0.

~~17~~16. The method (200) of claim ~~16~~15, wherein the further resource and any other resources are included one by one from the different lists of valid neighbour resources associated with the plurality of RATs in accordance to the RAT sequence.

~~18~~17. The method of any previous claim, wherein the MS (100) supports any combination of RATs: UTRAN-TDD, UTRAN-FDD, E-UTRAN, and/or CDMA2000.

~~19~~18. The method (200) of any previous claim, further comprising

- receiving (200) the plurality of lists of neighbour resources at the MS (100); and/or;

- determining a valid neighbour resource associated with a RAT at the MS (100) and adding the determined neighbour resource to the respective list of valid neighbour resources.

~~20~~19. The method (200) of any previous claim, wherein the network resources are network cells and/or frequencies.

~~21. A method (200) for preparing a measurement report on network resources, referred to as resources, in the vicinity of a multi-RAT mobile station (100), referred to as MS, wherein the MS (100) supports a plurality of radio access technologies, referred to as RATs, wherein the MS (100) comprises a maximum RAT resource reporting value indicating the total number of resources to be included into the measurement report, wherein the maximum RAT resource reporting value is greater than one, the method comprising~~

~~- receiving (203) a GSM cell parameter at the MS (100) indicative of a number of valid GSM cells to be included into the report; and~~

~~- including (208, 210) a number of resources associated with the plurality of RATs into the measurement report, wherein the number is equal to or less than the maximum RAT resource reporting value reduced in accordance to the GSM cell parameter.~~

~~22~~20. A multi-RAT mobile station (100) configured to

- support a plurality of RATs; and

- prepare a measurement report on network resources in the vicinity of the MS (100) according to any of claims 1 to ~~21~~19.

~~23~~21. A software program adapted for execution on a processor and for performing the method recited in any of claims 1 to ~~21~~ 19 when carried out on a computing device.

~~24~~22. A storage medium comprising a software program adapted for execution on a processor and for performing the method recited in any of claims 1 to ~~21~~ 19 when carried out on a computing device.

~~25~~23. A computer program product comprising executable instructions for performing the method of any of claims 1 to ~~21~~ 19 when executed on a computer.