CLAIMS

1. Method for updating system information, performed by a network node in a wireless communication system, the method comprising:

-transmitting system information, SI, to one or more User Equipments, UEs, said SI comprising multiple alternative sets, where each set assigns different values to one or multiple radio system parameters;

-determining (303:1, 303:2) to bar access by UEs of a first group of UEs while permitting network access by UEs of a second group;
-determining (303) ~~which~~a set, out of the multiple alternative sets, ~~that should currently~~ to be applied ~~for~~by a UE of said first group to bar network access by the UE of the first group;
-transmitting (305) an SI selection signal to the UE of said first group, the SI selection signal indicating the determined set to be applied by the UE,
thus enabling the UE to apply ~~currently appropriate~~ radio system parameters of the determined set.

2. Method according to claim 1, wherein the one or multiple radio system parameters are related to cell access.

~~3. Method according to claim 1 or 2, wherein the one or multiple radio system parameters are related to cell barring.~~

~~4.~~ 3. Method according to any of the preceding claims, wherein the SI selection signal is a synchronization signal.

~~5.~~ 4. Method according to any of the preceding claims, wherein the UE of the first group is a Machine Type Communication, MTC, device.

~~6.~~ 5. Method for updating system information performed by a User equipment, UE, of a first group of UEs, in a wireless communication system, the method comprising:

-receiving (401) system information, SI, from a network node, said SI comprising multiple alternative sets, where each set assigns different values to one or multiple radio system parameters;

-receiving (402) an SI selection signal from the network node, the SI selection signal indicating one of the alternative sets, said one of the alternative sets comprising parameters indicating that access by the UE of said first group is barred;

-applying (405) the set indicated by the SI selection signal whereby access of the UE of the first group is barred,

thus enabling fast updating of system information.

~~7.~~ 6. Method according to claim 5~~6~~, wherein the one or multiple radio system parameters are related to cell access.

~~8. Method according to claim 6 or 7, wherein the one or multiple radio system parameters are related to cell barring.~~

~~9.~~ 7. Method according to any of claims 5-6~~6-8~~, wherein the SI selection signal is a synchronization signal.

~~10.~~ 8. Method according to any of any of claims 5-7~~6-9~~, wherein the UE of the first type is a Machine Type Communication, MTC, device.

~~11.~~ 9. Network node for updating system information, being operable in a wireless communication system, the network node comprising:

-a transmitting unit (503), adapted to transmit system information, SI, to one or more User Equipments, UEs, said SI comprising multiple alternative sets, where each set assigns different values to one or multiple radio system parameters;

-a control unit (504), adapted to determine to bar access by UEs of a first group of UEs while permitting network access by UEs of a second group and which set, out of the multiple alternative sets, to ~~that should currently~~ be applied ~~for~~by a UE of the first group; and further adapted to transmit an SI selection signal to the UE of the first

group, the SI selection signal indicating the determined set to be applied to the UE.

~~12.~~ 10. Network node according to claim 9~~11~~, wherein the one or multiple radio system parameters are related to cell access.

~~13. Network node according to claims 11 or 12, wherein the one or multiple radio system parameters are related to cell barring.~~

~~14.~~ 11. Network node according to any of claims 9-10~~11-13~~, wherein the SI selection signal is a synchronization signal.

~~15.~~ 12. User Equipment, UE, for updating system information, being operable in a wireless communication system, the UE comprising:

-a receiving unit (603), adapted to receive system information, SI, from a network node, said SI comprising multiple alternative sets, where each set assigns different values to one or multiple radio system parameters; and further adapted to receive an SI selection signal from the network node, the SI selection signal indicating one of the alternative sets, said one of the alternative sets comprising parameters indicating that access by the UE of said first group is barred; and

-an applying unit (605), adapted to apply the set indicated by the SI selection signal whereby access of the UE of the first group is barred.

~~16.~~ 13. User Equipment, UE according to claim 12~~15~~, wherein the one or multiple radio system parameters are related to cell access.

~~17. User Equipment, UE according to claim 15 or 16, wherein the one or multiple radio system parameters are related to cell barring.~~

~~18.~~ 14. User Equipment, UE according to any of claims 12-13~~15-17~~, wherein the SI selection signal is a synchronization signal.