

a QMC procedure configuration indicating whether the QMC procedure is to be continued when the terminal device enters into the non-connected state based on determining that the QMC procedure request includes the indication; and means for transmitting the QMC procedure configuration to the terminal device.

5 **[0013]** In a ninth aspect, there is provided a third apparatus. The third apparatus comprises: means for determining whether a quality of experience, QoE, measurement collection, QMC, procedure is to be continued when a terminal device enters into a non-connected state; and means for transmitting, to an access network device, a QMC procedure request comprising an indication of whether the QMC procedure is to be
10 continued when the terminal device enters into the non-connected state.

[0014] In an example, there is provided a terminal device. The terminal device comprises: receiving circuitry configured to receive, from an access network device, a quality of experience, QoE, measurement collection, QMC, procedure configuration indicating whether a QMC procedure is to be continued when the terminal device enters
15 into a non-connected state; and logging circuitry configured to log, in a logging buffer, QMC logging data of the QMC procedure performed at the terminal device in the non-connected state based on determining that the QMC procedure configuration indicates that the QMC procedure is to be continued when the terminal device enters into the non-connected state.

20 **[0015]** In an example, there is provided an access network device. The access network device comprises: receiving circuitry configured to receive, from a core network device, a quality of experience, QoE, measurement collection, QMC, procedure request; first determining circuitry configured to determine whether the QMC procedure request includes an indication of whether a QMC procedure is to be continued when a terminal device enters
25 into a non-connected state; second determining circuitry configured to determine a QMC procedure configuration indicating whether the QMC procedure is to be continued when the terminal device enters into the non-connected state based on determining that the QMC procedure request includes the indication; and transmitting circuitry configured to transmit the QMC procedure configuration to the terminal device.

30 **[0016]** In an example, there is provided a core network device. The core network device comprises: determining circuitry configured to determine whether a quality of experience, QoE, measurement collection, QMC, procedure is to be continued when a

terminal device enters into a non-connected state; and transmitting circuitry configured to transmit, to an access network device, a QMC procedure request comprising an indication of whether the QMC procedure is to be continued when the terminal device enters into the non-connected state.

5 **[0017]** In an example, there is provided a terminal device. The terminal device comprises at least one processor and at least one memory storing computer program codes. The at least one memory and the computer program codes are configured to, with the at least one processor, cause the terminal device to perform the method in the fourth aspect.

10 **[0018]** In an example, there is provided an access network device. The access network device comprises at least one processor and at least one memory storing computer program codes. The at least one memory and the computer program codes are configured to, with the at least one processor, cause the access network device to perform the method in the fifth aspect.

15 **[0019]** In an example, there is provided a core network device. The core network device comprises at least one processor and at least one memory storing computer program codes. The at least one memory and the computer program codes are configured to, with the at least one processor, cause the core network device to perform the method in the sixth aspect.

20 **[0020]** In a tenth aspect, there is provided a non-transitory computer readable medium comprising program instructions for causing an apparatus to perform at least the method in the fourth, fifth and sixth aspects.

[0021] In an example, there is provided a computer program comprising instructions, which, when executed by an apparatus, cause the apparatus to perform at least the method in the fourth, fifth and sixth aspects.

25 **[0022]** In an example, there is provided a computer program comprising instructions for performing at least the method in the fourth, fifth and sixth aspects.

30 **[0023]** It is to be understood that the summary section is not intended to identify key or essential features of embodiments of the present disclosure, nor is it intended to be used to limit the scope of the present disclosure. Other features of the present disclosure will become easily comprehensible through the following description.

BRIEF DESCRIPTION OF THE DRAWINGS