CLAIMS

1. An apparatus comprising:

a processor; and

a memory coupled to the processor, the processor configured to cause the apparatus to:

transmit one or more machine learning positioning report requests comprising a machine learning reporting configuration and one or more common reporting criteria;

receive one or more machine learning positioning reports;

process the one or more machine learning positioning reports via a machine learning model; and

generate, based at least in part on output from the machine learning model, an estimated location of a user equipment (UE).

2. The apparatus of claim 1, wherein the machine learning reporting configuration comprises one or more of direct machine learning reporting configuration or assisted machine learning reporting configuration.

3. The apparatus of claim 1 or claim 2, wherein the apparatus comprises a configuration entity, and wherein the configuration entity comprises at least one of a location server, a next generation radio access network (NG-RAN), a positioning reference unit (PRU), a UE, an anchor UE, or a target UE.

4. The apparatus of any preceding claim, wherein the processor is configured to cause the apparatus to:

transmit the one or more machine learning positioning report requests to one or more second apparatus,

receive the one or more machine learning positioning reports from the one or more second apparatus, and

wherein the one or more second apparatus comprise at least one of a location server, a next generation radio access network (NG-RAN), a positioning reference unit (PRU), a UE, an anchor UE, or a target UE.

5. The apparatus of any preceding claim, wherein the processor is configured to cause the apparatus to broadcast the one or more common reporting criteria via positioning system information broadcast signaling.

6. The apparatus of any preceding claim, wherein the one or more machine learning positioning reports comprise one or more of machine learning positioning measurements or machine learning positioning location information.

7. An apparatus comprising:

a processor; and

a memory coupled to the processor, the processor configured to cause the apparatus to:

receive one or more machine learning positioning report requests comprising a machine learning reporting configuration and one or more common reporting criteria;

generate one or more machine learning positioning reports based at least in part on the machine learning reporting configuration and the one or more common reporting criteria; and

transmit the one or more machine learning positioning reports.

8. The apparatus of claim 7, wherein the apparatus comprises one or more of a user equipment (UE) an anchor UE, or a target UE.

9. The apparatus of claim 7, wherein the apparatus comprises a configuration entity, and wherein the configuration entity comprises at least one of a location server, a next generation radio access network (NG-RAN), or a positioning reference unit (PRU).

10. A method for wireless communication, the method comprising:

transmitting one or more machine learning positioning report requests comprising a machine learning reporting configuration and one or more common reporting criteria;

receiving one or more machine learning positioning reports;

processing the one or more machine learning positioning reports via a machine learning model; and

generating, based at least in part on output from the machine learning model, an estimated location of a user equipment (UE).

11. The method of claim 10, wherein the machine learning reporting configuration comprises one or more of direct machine learning reporting configuration or assisted machine learning reporting configuration.

12. The method of claim 10 or 11, wherein the method is performed by a configuration entity, and wherein the configuration entity comprises at least one of a location server, a next generation radio access network (NG-RAN), a positioning reference unit (PRU), a UE, an anchor UE, or a target UE.

13. The method of any one of claims 10 to 12, further comprising:

transmitting the one or more machine learning positioning report requests to one or more second apparatus; and

receiving the one or more machine learning positioning reports from the one or more second apparatus, and

wherein the one or more second apparatus comprise at least one of a location server, a next generation radio access network (NG-RAN), a positioning reference unit (PRU), a UE, an anchor UE, or a target UE.

14. The method of claim any one of claims 10 to 13, wherein the one or more machine learning positioning reports comprise one or more of machine learning positioning measurements or machine learning positioning location information.

15. A method for wireless communication, the method comprising:

receiving one or more machine learning positioning report requests comprising a machine learning reporting configuration and one or more common reporting criteria;

generating one or more machine learning positioning reports based at least in part on the machine learning reporting configuration and the one or more common reporting criteria; and

transmitting the one or more machine learning positioning reports.