wherein the cause code includes at least one of:

a UAC control release cause code;

a UAC control suspend cause code;

a UAC control resume cause code; or

a UAC lost cause code.

17. The UAV of claim **16**,

wherein the UAC control release cause code is associated with a power level of the UAC dropping below a threshold;

wherein the UAC control suspend cause code is associated with the UAC detecting or determining entry of the UAV into a designated area, wherein UTM-Navigated control mode is required while in the designated area;

wherein the UAC control resume cause code is associated with the UAC detecting or determining exiting of the UAV from a designated area, wherein UTM-Navigated control mode is required while in the designated area;

wherein the UAC lost cause code is associated with the UAV not receiving any C2 commands from the UAC within a specified period of time; and

wherein the designated area is specified by at least one of an air traffic control policy or a government policy.

18. The UAV of claim **15**,

wherein the tracking information includes periodic tracking information, and wherein the periodic tracking information includes at least one of:

UAV navigational properties;

a cell identifier associated with the UAV;

a tracking area code (TAC) identifier associated with the UAV;

global positioning system (GPS) information associated with the UAV;

a C2 link communication quality as reported by one of the UAV or UAC;

a radio frequency measurement report as measured by one of the UAV or UAC; or

radio resource control (RRC) status of the UAC.

19. The UAV of claim **18**,

wherein UAV navigational properties includes one or more of:

UAV speed;

UAV orientation; or

UAV altitude.

20. The UAV of claim **15**,

wherein GPS information includes one or more of:

a current position or location of the UAV; or

a destination location or destination coordinates of the UAV.

* * * * *