ANSI UAS Standardization Coordination

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Washington, DC

UAS Standards Areas of Focus

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Categorization of UAS Standardization Activity

- **Network Optimizations (LTE enhancements, 5G)**
  - **3GPP RAN study item**
  - **ATIS UAV Program**
  - **GSMA drones interest group**

- **Communications for Command and Control (Authorization to Fly, Location)**
  - **3GPP RAN study item**
  - **ATIS UAV Program**
  - **GSMA drones interest group**
  - **NPSTC UAS and Robotics working group**

- **Identification of Drones (On cellular network, and for remote identification)**
  - **3GPP RAN study item**
  - **ATIS UAV Program**
  - **GSMA drones interest group**
  - **CTA**
  - **NPSTC UAS and Robotics working group**

Standards Should Assist with High Priority Use Cases

- **Public Safety**
  - Public Safety deployables for areas that currently lack coverage
    - Remote areas that might otherwise lack basic cellular coverage
    - Areas with infrastructure destroyed by wildfires, earthquakes

- **Operations**
  - Cell tower inspection
  - Network repairs, disaster recovery, etc.
  - Provide supplemental coverage for special events

- **Commercial/Government**
  - Package delivery
  - Surveillance
  - Chemical, Biological, Radiological, and Nuclear (CBRN)

- **Consumer**

Thank You