



## ANSI UNMANNED AIRCRAFT SYSTEMS STANDARDIZATION COLLABORATIVE (UASSC)

### ANSI Unmanned Aircraft Systems Standardization Collaborative (UASSC) Working Group (WG) Architecture (Updated 2/16/18)

Participants may sign up for one or more WGs using the sign-up sheet. An initial list of use cases that each WG may explore is noted, subject to further refinement. It is envisioned that the WGs will hold virtual (online) meetings twice a month. Participation in the UASSC is open to UAS stakeholders that have operations in the United States.

<u>Working Group</u>	<u>CONOPS (Use Cases – In Development)</u>
Disaster Relief and News Reporting WG Co-Chairs: <ul style="list-style-type: none"> <li>• Emily Avant, Senior Counsel, CNN</li> <li>• Mark DeAngelo, Aerospace Standards Engineer, SAE International</li> </ul> <b>Recurring Calls: 2<sup>nd</sup> &amp; 4<sup>th</sup> Monday of every month from 11:30 am-1:00 pm Eastern. Next Call: Feb 12</b>	Hurricane Aftermath (perspective of various UAS operators) <ul style="list-style-type: none"> <li>– Insurance companies</li> <li>– Federal/state/local first responders</li> <li>– Industry/critical infrastructure companies</li> <li>– News gathering organizations</li> </ul>
Critical Infrastructure and Environment WG Co-Chairs: <ul style="list-style-type: none"> <li>• Brian Daly, Director – Core &amp; Government/Regulatory Standards, AT&amp;T</li> <li>• Ed Hine, Vice President, Business Development and Marketing, HAZON Solutions</li> </ul> <b>Recurring Calls: 2<sup>nd</sup> &amp; 4<sup>th</sup> Tuesday of every month from 1:00-2:30 pm Eastern. Next Call: Feb 13</b>	Fixed Point Infrastructure Inspection <ul style="list-style-type: none"> <li>– Communications Towers (Cellular, Broadcast, Government)</li> </ul> Linear Infrastructure Inspection <ul style="list-style-type: none"> <li>– Energy Transmission &amp; Distribution Lines (Electric Grid)</li> </ul> Wide Area Infrastructure Monitoring, Surveillance & Inspection <ul style="list-style-type: none"> <li>– Reservoirs/Water Supply (nefarious &amp; environmental threats)</li> </ul>
Emergency and Medical Response WG Co-Chairs: <ul style="list-style-type: none"> <li>• Christine DeJong, Director of Business Development, ASTM International</li> <li>• Marty Rogers, Director, FAA UAS Center of Excellence (ASSURE), Mississippi State University</li> </ul> <b>Recurring Calls: 2<sup>nd</sup> &amp; 4<sup>th</sup> Wednesday of every month from 11:00am-12:30pm Eastern. Next Call: Feb 14</b>	Traffic Accident Mapping & Reconstruction by Law Enforcement  Structural Fire Incident Response  Lost Persons Search and Rescue (e.g., persons w/alzheimer's, hikers, fleeing crime scene)  <u>Still Under Consideration</u> Medical Supply/Services Delivery (Telemedicine)
Transportation and Hazardous Materials WG Co-Chairs: <ul style="list-style-type: none"> <li>• Joe Valasquez, Founder and Chief Flight Engineer, DroneScape, LLC</li> <li>• Jon Gustafson, Consultant, Civil Integrated Management Advisory Services, U.S., WSP USA</li> </ul> <b>Recurring Calls: 1<sup>st</sup> &amp; 3<sup>rd</sup> Thursday of every month from 11:00am-12:30pm Eastern. Next Call: Feb 15</b>	Surveying/Mapping/Monitoring for Asset Management <ul style="list-style-type: none"> <li>– Roads and Railroads Inspection</li> <li>– Bridges Inspection</li> <li>– Hazmat Sites Inspection (not post-incident)</li> </ul>