



## NOAA National Coordination Office (NCO)

### Project Highlights

#### Task Areas

- Interagency Coordination
- Program Management
- Communications & Outreach
- STEM Education

#### Benefits to NOAA

- 30+ years at NOAA and NASA
- Highly specialized workforce of engineering, technical, and subject matter experts

### GST Support for the National Coordination Office

The National Coordination Office (NCO) is part of the National Executive Committee for Space-Based Positioning, Navigation, and Timing (PNT). The NCO collects Global Positioning System (GPS)-related information from multiple federal agencies to support interagency coordination, consensus development, and the resolution of spectrum and interference issues. GST, in partnership with Overlook Systems Technologies, Inc., provides subject matter expertise in GPS technology and applications, program management, and operations support to the NCO including maintaining the GPS.gov website and developing and disseminating GPS education and informational materials to various stakeholders and the public.

#### Program Management Support

Our program management support involves the initiation, planning, execution, monitoring, and closeout of NCO activities including systems engineering and coordination of PNT technical integration efforts with civil, military, commercial, and international agencies. These efforts also include supporting the NCO Director in preparing for and hosting meetings of the National Executive Committee and Executive Steering Group as well as coordinating and participating in a variety of other technical and informational meetings, both domestic and international. Preparation involves scheduling, logistics, providing background information, preparing briefing materials and pre- and post-meeting communication and documentation, and establishing roles and responsibilities of the parties. We investigate, research, and analyze technical issues of relevance to the NCO and develop written products that articulate, interpret, and explain highly complex program policies and findings. We document emerging technologies and their potential impacts on the National PNT architecture and provide inputs for plans intended to develop and manage the Government's unified response.

#### GPS Communications, Outreach, & Education

**GPS.gov Website:** Our team updates and maintains the GPS.gov website, which serves as the core of the U.S. GPS outreach campaign. We specifically focus on the Congressional and Technical Documentation pages of the website, including the expansion of the applications pages to capture the advancements that GPS has enabled over the past decade.

**STEM Education:** We participate in several educational conferences to discuss GPS and its applications with educators from around the country. Through interactions with educators, our team works with the NCO to create the NCO GPS STEM curriculum document.

**Newsletters:** Our team produces a daily newsletter called *PNT Clips* that focuses exclusively on GPS and related topics, such as implementation and integration impacts of the emerging navigation technologies, as well as an archive to document all articles included in the newsletter. For the newsletter, we report on system requirements, program milestones, system/sub-system performance, technological developments, evolving requirements, and more. *PNT Clips* currently reaches over 500 people interested in GPS, its augmentations and applications, foreign space-based PNT systems, and other subjects pertinent to the GPS/PNT community.

We also publish a monthly PNT-related policy newsletter known as the *GPS Tracker*. This outreach document is circulated to congressional staff and the PNT interagency community to update officials on GPS legislative actions. Developing this material includes engagement with relevant congressional staff on policy decisions that could affect GPS services while providing these offices with outreach materials targeted to congressional staff members.