



NSRS Modernization News

For all issues of **NSRS Modernization News**, visit:
geodesy.noaa.gov/datums/newdatums/TrackOurProgress.shtml

Geospatial Summit 2019

The next Geospatial Summit about NSRS Modernization will take place May 6-7, 2019 in Silver Spring, MD. Mark your calendars and check the [2019 NGS Geospatial Summit](#) page for more information when it becomes available.

Shutdown Impacts

The 35 day partial shutdown of the government included the Department of Commerce and subsequently the National Geodetic Survey. The potential damage caused to the already tight schedule of the NSRS Modernization effort is not yet fully known. However, some immediate impacts can be stated definitively:

1. The long-awaited GRAV-D airborne gravity survey of the Pacific islands (Hawaii, Guam, CNMI and American Samoa) was scheduled to begin in early January, and run through March. Existing commitments of the aircraft mean that the entirety of that survey cannot be completed before March. The survey is now scheduled to begin in Hawaii in early February, then move to American Samoa, barring weather, maintenance or further shutdowns. The Guam and CNMI portions of the survey will be put off for a future date.
2. The significance of this delay should not be underestimated. The GRAV-D schedule is effectively the "long pole in the tent". Getting the modernized NSRS out, even in late 2022, depends upon mitigating any significant or unforeseen delays in GRAV-D. 2022 remains the official completion and rollout date, although the schedule is now questionable.

3. *The Blueprint for 2022, Part 3: Working in the modernized NSRS* document is now tentatively scheduled for release prior to the Geospatial Summit in May, despite the disruption to the writing and editing process. Still, the importance of this document to the NGS communications plan puts its release as a top priority under the modernization efforts.

Progress in Ongoing Projects

There are currently 18 ongoing projects directly related to NSRS modernization around NGS. Here are highlights from a select few:

- **Comprehensive Toolkit Improvements**
Project Manager: Dr. Dru Smith (*Acting*)

It is NGS's intention that NCAT and VDatum eventually be able to perform all transformation and conversion functions that currently reside as separate tools in the NGS Toolkit. A complete diagram of that functionality has been completed and provided to both the NCAT and VDatum teams in order to assist in this effort. Look for updates to NGS Toolkit over the coming months.



GRAV-D progress last quarter: up 0.9% to 72.8%
Ahead of Schedule (despite the shutdown)!

