

Highlights from the Operations and Engineering Division

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Overview of OED

The Operations and Engineering Division (OED) provides products and services for the ground system for NASA missions. Our engineering and operations staff continue to support the *Hubble Space Telescope* ground system, which includes planning/scheduling, commanding, data processing, archive ingest and archive distribution. With the approaching launch of the *James Webb Space Telescope*, we are very busy preparing the *Webb* ground system for commissioning and operational use. Supporting *Webb* will include support for many of the technical domain areas we currently support for *Hubble*. We will also provide flight operations in the Mission Operations Center for *Webb*. We recently began planning the ground system for the *Wide-Field Infrared Survey Telescope (WFIRST)*.

Multimission Strategy

Many of our products and services are designed and maintained as multi-mission products and services. This approach provides synergy between our missions, keeps the products and services modern, and builds upon operational experiences. Our product and service teams consist of a multidisciplinary group of staff whose skills are shared by all our missions. We are also a multi-generational workforce, which provides a diverse set of ideas and experiences. Our experience and skills range from staff who worked on *Hubble* prior to launch (i.e., prior to 1990) and staff just starting their career experiencing the excitement of preparing for a *Webb* launch.

As an engineering/operations team, we strive to produce high-quality products and services that enable science discoveries and expand the frontiers of space astronomy. We are excited and look forward to what the future brings.