# Glossary / Acronym List

| Acronym | Description |
|---|---|
| ADEC | Astronomy Data Centers Executive Committee - A collaboration of NASA archive centers including MAST, HEASARC, IRSA, NED, ADS, Chandra, Spitzer, NEXScI |
| AFTA | Astrophysics Focused Telescope Assets |
| ASB | Archive Sciences Branch – STScI branch responsible for archive interfaces and distribution, value added data, bibliography support and “MAST” activities |
| CADC | Canadian Astronomy Data Centre; A partner archive that hosts HST data. Currently CADC is providing previews |
| CAOM | Common Archive Observation Model: Unified model for metadata about observation (position, time, wavelength) implemented in a database enabling easy uniform cross-mission searches. Model implemented as a database. For HST and JWST missions updates to the CAOM database will be made via XML files which is an implementation of the model per observation. http://caom.googlecode.com/git/source/caom2/src/www/index.html |
| CMO | Community Mission Office ( Marc Postman) http://cmo.stsci.edu/ CMO administers/oversees several smaller contracts such as |
| DADS | Data Archive and Distribution System: Provides archive ingest and batch distribution services |
| DDRF | Director's Discretionary Research Fund: Internal STScI staff research funding (used for Pan-STARRS archive development) |
| DMS | Data Management System: Inclusive term for all data handling, calibration, processing, archiving, search and distribution components. |
| DOI | Digital Object Identifier: A unique and persistent identifier for an entity on a digital network. These could be used to reference MAST datasets in publications. (See http://www.doi.org) |
| DSB | Data Systems Branch – software development for HST/JWST/Kepler/TESS processing pipelines, archiving and distribution. |
| DPAS | Data Processing and Archive Services Branch – Data processing and archive operations for HST, Kepler and in the future JWST |
| ESA | European Space Agency |
| ESAC | European Space Astronomy Centre: The ESA partner archive that hosts HST data. |
| FFI | Kepler/K2 Full Frame Image |
| FUSE | Far Ultraviolet Spectroscopic Explore - https://archive.stsci.edu/fuse/ |
| Gaia | ESA mission to chart a three-dimensional map of our Galaxy and the Milky Way. STScI will be an affiliated data center http://sci.esa.int/gaia/ |
| GALEX | Galaxy Evolution Explorer |
| GSFC | Goddard Space Flight Center |
| GSC2 | Guide Star Catalog 2 |
| HEASARC | High Energy Astrophysics Science Archive Research Center – NASA archive for high energy data located at Goddard Space Flight Center |
| HLA | Hubble Legacy Archive (http://hla.stsci.edu): The HLA is a project designed to optimize science from the Hubble Space Telescope by providing online, enhanced Hubble products and advanced browsing capabilities. The HLA is funded primarily by the MAST grant and participants are or have been archive, instrument and HST mission staff members. The archives at CADC and ESAC participate in the HLA also. |
| HLSP | High Level Science Products (http://archive.stsci.edu/hlsp): Fully processed science products contributed by the community, including images, spectra, models and catalogs, that are ready for scientific analysis. |
| HSC | Hubble Source Catalog: The HSC The Hubble Source Catalog (HSC) is designed to optimize science from the Hubble Space Telescope by combining the tens of thousands of visit-based source lists in the Hubble Legacy Archive (HLA) into a single master catalog. |

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| | https://archive.stsci.edu/hst/hsc/ Led from the HST Mission Office, the HSC participants include archive staff, OED Division Office staff and a JHU SDSS catalog expert. |
| HST | Hubble Space Telescope - http://www.stsci.edu/hst Hubble provides science support for HST |
| I&T | Integration and Test – group responsible for JWST requirement verification and SOC integration |
| ICD | Interchange Control Document - Document between two groups that define information and data exchange. |
| INS | Instruments Division |
| ITEB | Integration and Test Engineering Branch (I&T team) |
| IPAC | Infrared Processing and Analysis Center |
| IRSA | Infrared Science Archive |
| IVOA | International Virtual Observatory Alliance - is the vision that astronomical datasets and other resources should work as a seamless whole. Many projects and data centres worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) is an organisation that debates and agrees the technical standards that are needed to make the VO possible. It also acts as a focus for VO aspirations, a framework for discussing and sharing VO ideas and technology, and body for promoting and publicizing the VO. |
| ITSD | Information Technology Services Division |
| JWST | James Webb Space Telescope http://www.stsci.edu/jwst/ STScI is providing science operations support. |
| JWST S&IT | JWST Science and Instrument Test data – Archive of test data available to instrument teams and engineers only. |
| Kepler | STScI/MAST supports the Kepler archive http://archive.stsci.edu/kepler/ |
| K2 | Kepler follow-up mission. STScI/MAST support the K2 archive http://archive.stsci.edu/k2/ |
| JHU | Johns Hopkins University |
| LC | Kepler light curve |
| LLC | Kepler long cadence light curve |
| MAST | Mikulski Archive for Space Telescopes (http://archive.stsci.edu): The primary archive at STScI for a variety of active missions (Hubble, Kepler, Swift/UVOT), as well as past missions (Galex, FUSE, IUE and others) and future missions, including JWST, TESS, and AFTA-WFIRST. |
| NAVO | NASA Archive Virtual Observatory – Project |
| OED | Operations and Engineering Division: STScI Division where most archive staff reside. |
| OPUS | OPUS is the telemetry processing system in place for HST for many years. OPUS pipelines will be replaced with a new OWL/Condor work flows beginning in December 2014. |
| OTFR | On the Fly Reprocessing: For many years all requested data for active instruments has been processed at the time of ingest and again upon each request or "on the fly". The reason to do this was two-fold: to ensure the best calibrations available were applied and to conserve disk space. As disk space has become less expensive, CPUs faster and new requirements to have data immediately available for download, OTFR will be phased out for most cases starting in December 2014 over the next few months. |
| PI | Primary Investigator |
| PS1 | Pan-STARRS 1, a sky survey of 30,000 square degrees with multiple epochs that is 0.2 to 1 magnitude deeper than SDSS (with small regions that are much deeper) |
| Q# | Kepler Quarter, where # = 0 - 17 |
| RIAB | Research and Instrument Analyst Branch: provides support for data analysis to STScI scientists, instrument teams, and HLA project |
| SSB | Science Software Branch – STScI science software developers working with instrument teams to implement calibration software; to develop data analysis tools; and the HST and JWST Exposure Time Calculators (ETC) |
| SDSS | Sloan Digital Sky Survey http://www.sdss.org/ |
| SEB | Systems Engineering Branch |

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| SLC | Kepler short cadence light curve |
| SM # | Hubble servicing mission number |
| SOC | Kepler/K2 Science Operations Center, where the data processing pipelines are maintained and run. |
| SSO | Single Sign-On: STScI's identity management system with goal for all users to have a single account and password for all STScI services e.g. Proposal Planning, Grants, Archive |
| STUC | Space Telescope Users Committee advises from the users perspective on observatory operations |
| TESS | The Transiting Exoplanet Survey Satellite (TESS) is an Explorer-class planet finder. In the first-ever spaceborne all-sky transit survey, TESS will identify planets ranging from Earth-sized to gas giants, orbiting a wide range of stellar types and orbital distances. STScI will be providing archive services for TESS.<br><br>http://space.mit.edu/TESS/TESS/TESS_Overview.html |
| TPF | Kepler/K2 Target Pixel File |
| VO | Virtual Observatory - is the vision that astronomical datasets and other resources should work as a seamless whole. Many projects and data centers worldwide are working towards this goal. The International Virtual Observatory Alliance (IVOA) is an organization that debates and agrees the technical standards that are needed to make the VO possible. It also acts as a focus for VO aspirations, a framework for discussing and sharing VO ideas and technology, and body for promoting and publicizing the VO. |
| WFIRST | Wide Field Infrared Survey Telescope – STScI supporting pre-formulation work and will support Phase A+B activities http://www.stsci.edu/wfirst |