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
ASB	Archive Sciences Branch -
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
CoNVOI	Coordinated NASA Virtual Observatory Implementation: NASA archive centers
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
DPAS	Data Processing and Archive Services Branch
ESA	European Space Agency
ESAC	European Space Astronomy Centre: The ESA partner archive that hosts HST data.
FFI	Kepler/K2 Full Frame Image
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. 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.
ICD	Interchange Control Document - Document between two groups that define information and data exchange.
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.
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.
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.
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
SDSS	Sloan Digital Sky Survey http://www.sdss.org/
SLC	Kepler short cadence light curve
SOC	Kepler/K2 Science Operations Center, where the data processing pipelines are maintained and run.
SSO	Single Sign-On: An STScI initiative to have a single account and password for all STScI services e.g. Proposal Planning, Grants, Archive
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. 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.