Attachment D

DEFINITIONS

Space Processing Operations Contract
for
National Aeronautics and Space Administration
Launch Service Program

DEFINITIONS

Airlock:	An area, with a controlled environment, designed to accept the payload and its transporter. The airlock provides isolation between the outside and the cleanroom environment, and allows stabilization of temperature and humidity, while minimizing the contamination that could enter the cleanroom.
Anomaly:	Any unexpected event. This may be a communications problem, an excursion outside of facility cleanliness specifications, or another unwanted occurrence.
Baseline LSSP:	The LSSP is an agreement between the NASA LSIM, the spacecraft customer representative, and the LSC as to the NASA-provided products and services necessary for successful, cost-effective spacecraft launch site processing. The Baseline LSSP contains the final spacecraft launch site requirement and the LSP and Supplier commitments to satisfy those requirements.
Cleanroom:	An environmentally controlled area for processing spacecraft. A facility or area where contamination such as hydrocarbons, non-volatile residue, and particulate are limited to predefined levels based on the class of the cleanroom. Monitoring of contamination levels is mandatory to ensure they stay within specified limits.
Control Room:	An area which houses Spacecraft provided electrical GSE and personnel during payload testing and launch operations.
Encapsulation:	The process of installing the launch vehicle fairing around the spacecraft or payload elements.
Encapsulation Bay:	An environmentally controlled area used for spacecraft encapsulation into a launch vehicle fairing. This area may also be used for fairing and attach hardware preparation for encapsulation.
Initial Facility Occupancy (IFO)	The arrival of the initial piece of equipment or personnel for a mission.
Launch Service Contractor (LSC):	Contractor providing Launch Vehicle services and responsible for processing Launch Vehicle hardware (e.g. Payload Attach Fitting) in the Spacecraft Processing Facility.
LSP Data Centers:	The LSP data center is a facility that centralizes the organization's shared Information Technology (IT) operations and equipment for the purposes of storing, processing, and disseminating spacecraft/launch vehicle data and applications. Currently, LSP Data centers are Building 836, and Building AE located at VSFB and CCSFS, respectively.
Mission:	The overall flow or processing and launch of the Spacecraft and Launch vehicle.

NASA LSP:	The Government customer responsible for ensuring safe and successful integration of the spacecraft onto the launch vehicle, and all corresponding operations.
NISN:	NASA Integrated Science Network. The NASA communications infrastructure used to provide connectivity between geographically dispersed locations for voice, video and data.
Payload:	The cargo of a launch vehicle that may be any of a class of satellite or probe that is ultimately to be placed into space. It may also be referred to as a Spacecraft or an Observatory.
Preliminary LSSP:	The LSSP is an agreement between the NASA LSIM, the spacecraft customer representative, and the LSC as to the NASA-provided products and services necessary for successful, cost-effective spacecraft launch site processing. The Preliminary LSSP is signed only by the LSIM and contains the spacecraft requirements as complete as possible at that time, but it does not contain the final commitments to show how LSP and its sub-suppliers will satisfy those customer requirements.
Propellant:	Any of a class of solid, liquid, or gaseous substances used to produce thrust. Propellants may be toxic, corrosive, or capable of producing severe injury due to cold.
Range:	The Government or Government agency responsible for controlling Government resources for a given area used for launching rockets and missiles
Spacecraft:	Any of a class of satellite or probe that is ultimately to be placed into space. It may also be referred to as a Payload or an Observatory.
Spacecraft Customer:	The Government or Contractor organization responsible for processing a Spacecraft in the Spacecraft Processing Facility.
Target Launch:	The Launch date, for a specific mission, as specified in the Contract, also known as Initial Launch Commitment (ILC).