Anticipated KSC ELV Launch Support Activities (As of 01-24-01)*

Range Date	Anticipated Support Dates	Vehicle & Payload	Description	Customer	Launch Site/Pad	KSC Role	KSC POC	Reviews
3/28/01		Pegasus XL *HESSI*	The *High Energy Solar Spectroscopic Imager* (HESSI) will explore the basic physics of particle acceleration and energy release in solar flares.	NASA GSFC	CCAFS	Launch Mgmt.	Omar Baez (321) 867-8274	**FRR 3/16/01** **LMCM/MDR 3/26/01** **LRR 3/27/01**
4/7/01		Delta 7925 *2001 MARS ODYSSEY*	*2001 MARS ODYSSEY* will carry 3 science instruments, that will map the mineralogy and morphology of the Martian surface, as well as the elemental composition of the shallow surface to determine the abundance of hydrogen; and also to characterize radiation-related risk to human explorers.	NASA JPL	CCAFS 17	Launch Mgmt.	Darin Skelly (321) 867-8258	**FRR 4/3/01** **LMCM/MDR 4/4/01** **LRR 4/6/01**
3/7/01	NET4/21/01	Delta 7920-10 *JASON*	*Jason* is an oceanography mission to monitor global ocean circulation, discover the tie between the oceans and atmosphere, improve global climate predictions and monitor events such as El Nino conditions and ocean eddies.	NASA JPL CNES	VAFB SLC-2W	Launch Mgmt.	Ron Mueller (321) 867-8247	
		TIMED	The *Thermosphere Ionosphere Mesosphere Energetics and Dynamics* (TIMED) satellite will explore the Earth's Mesosphere and Lower Thermosphere (60-180 kilometers), the least explored and understood region of the atmosphere.	NASA GSFC				
8/16/01		Delta 7925-9.5 *ProSEDS* (secondary)	The *Propulsive Small Expendable Deployer System* (ProSEDS) space experiment will demonstrate the use of an electrodynamic tether propulsion system.	NASA MSFC	CCAFS 17	Launch Mgmt.	Darrell Foster (321) 867-8258	
5/30/01		Taurus *QuikTOMS* (secondary)	The *Total Ozone Mapping System* (QuikTOMS) mission will map the global distribution of the Earth's total column of atmospheric ozone. Because of a cancelled Russian mission to launch TOMS in April 1999 and the timeliness requirement of ozone monitoring, NASA had to formulate a new mission to fly TOMS-5 in a very short time.	NASA GSFC	VAFB 576E	Launch Mgmt.	Darin Skelly (321) 867-8258	
6/6/01		Delta 7326 *GENESIS*	*The Genesis* mission will journey a million miles sunward, unfold its collectors and "sunbathe" for two years, collecting pieces of the sun, called solar wind, before returning to Earth. Scientists will then study the solar wind samples.	NASA JPL DISCOVERY	CCAFS 17	Launch Mgmt.	Omar Baez (321) 867-8274	
	NET 8/6/01	Titan II *NOAA-M*	*NOAA-M* will primarily provide long-range weather forecasting. Operating in tandem with currently orbiting NOAA satellites, NOAA-M will ensure that non-visible data, for any region of the Earth, are no more than six hours old.	NASA GSFC NOAA	VAFB SLC-4E	Launch Mgmt.	Omar Baez (321) 867-8274	
6/30/01		Delta 7425-1 *MAP*	The *Microwave Anisotropy Probe* (MAP) will probe conditions in the early universe by measuring the properties of the cosmic microwave background radiation over the full sky.	NASA GSFC	CCAFS 17	Launch Mgmt.	Rex Engelhardt (321) 867-8248	
5/7/01	**NET 7/15/01**	Delta 7920-10L *AQUA*	The *Earth Observing System PM* mission (EOS-PM) will perform a multi-disciplinary study of the Earth's Interelated Processes (atmosphere, oceans, and land surface) and their relationship to earth system changes.	NASA GSFC BRAZIL JAPAN	VAFB SLC-2W	Launch Mgmt.	Dave Breedlove (321) 867-8274	
7/12/01		Atlas IIA *GOES-M*	*Geostationary Operational Environment Satellite* will provide environmental data for the production of routine meterorological forecasts.	NASA GSFC NOAA	CCAFS 36A	Launch Mgmt.	Mike Stelzer (321) 867-8278	
8/31/01		Athena I *KODIAK STAR*	*Kodiak Star* , the first planned orbital launch from the new Kodiak Launch Complex in Alaska, is a NASA collaborative mission with the Department of Defense (DoD) which will carry a total of four spacecrafts. NASA's spacecraft is *Starshine 3* . *PICOSat* is the primary DoD satellite.	NASA & USAF	Kodiak Launch Center, Alaska	Launch Mgmt.	Cheryl Malloy (321) 867-8248	

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9/15/01		Delta 7920 *MS-12*	Motorola Satcom-12 will be an additional spacecraft for the irridium constellation.	Motorola/ Boeing	SLC-2	Resource Protection only	Chuck Dovale (321)476-3616	
	10/12/01	Atlas IIA *TDRS-I*	*The Tracking and Data Relay Satellites (TDRS)* comprise the space segment of NASA's communications relay system, providing telecommunication services to low earth orbiting spacecraft	NASA GSFC TDRS	CCAFS 36A	\	Darrell Foster (321) 867-8258	
10/15/01		Rockot *GRACE*	The science data from *GRACE* mission will be used to estimate global models for the mean and time variable Earth gravity field approximately every 30 days for the 5 year lifetime of the mission.	NASA GSFC	Baikonour Russia	Mission Integration Consultant	Ron Mueller (321) 867-8247	
12/15/01		Delta 7425 *ICESAT*	*ICESat* houses the Geoscience Laser Altimeter System (GLAS), which is a satellite laser altimeter designed to measure ice-sheet topography and associated temporal changes, as well as cloud and atmospheric properties.	GSFC	VAFB SLC-2W	Launch Mgmt.	Rex Engelhardt (321) 867-8248	
		Delta 7425 *CATSAT*	*CATSAT*'s scientific mission will be to study the origin and nature Gamma Ray Bursters, one of the most mysterious astrophysical phenomenom.					
	1/19/02	Pegasus XL *GALEX*	The Galaxy Evolution Explorer (GALEX) is a Space Ultraviolet Small Explorer mission that will map the global history and probe the causes of star formation over the life of the Universe.	Code S	CCAFS	Launch Mgmt.	Amanda Mitskevich (321) 867-8278	

***Note: Changes since last week highlighted in bold**

Legend:

- **Launches for KSC Management Participation Consideration**
- **Note: Vandenberg Launches are highlighted in yellow**
- **Resource Protection Launches**