

LEGEND: Tentative / *TBD / + Targeted For

(NET) – No Earlier Than

(U/R) – Under Review

SMSR LONG-TERM SCHEDULE

January 3, 2017

Legend
Delegated to JSC
Chaired by HQ
Informational Briefing

MISSION TASK NAME	MILESTONES				LAUNCH VEHICLE	LAUNCH SITE	CHAIR	SMA REP.
	Pre-SMSR	SMA MAP MTG.	SMSR	LAUNCH				
<i>Tracking and Data Relay Satellite-M (TDRS-M)</i>	Jun 2017*	N/A	Jul 2017*	8/3/2017*	Atlas V-401	CCAFS	HQ	PP/GL
Comments: The TDRS Project is building three space communications satellites that are part of a follow-on spacecraft fleet that will replenish NASA's Space Network. (Launch date based on ELV Milestone Schedule dated 12/15/2016)								
<i>52S</i>	Jul 2017*	N/A	Aug 2017*	9/12/2017*	TBD	TBD	HQ	VH/GW
Comments: Launch date is based on ISS FPIP dated 12/20/2016.								
<i>Joint Polar Satellite System-1 (JPSS-1)</i>	Jul 2017*	N/A	Aug 2017*	9/23/2017 U/R	Delta II 7290	VAFB	HQ	PP/GL
Comments: The next-generation polar-orbiting operational environmental satellite system, JPSS is a collaborative program between NOAA and its acquisition agent NASA. NOAA is responsible for managing and operating the JPSS program, while NASA is responsible for developing and building the JPSS spacecraft. (Launch date based on ELV Milestone Schedule dated 12/15/2016).								
<i>SpX-DM1</i>	Sep 2017*	TBD	Oct 2017*	11/11/2017*	Falcon 9	KSC	HQ	VH/GW
Comments: Launch date is based on ISS FPIP Schedule dated 12/20/2016.								
<i>Gravity Recovery and Climate Experiment (GRACE) Follow On (FO)</i>	Oct 2017*	N/A	Nov 2017*	12/1/2017*	Falcon-9	TBD	HQ	PP/GL
Comments: GRACE Follow-on (GRACE-FO) is continuing GRACE's legacy of tracking Earth's water movement to monitor changes in underground water storage, the amount of water stored in large lakes and rivers, soil moisture, ice sheets and glaciers, and sea level caused by the addition of water in the ocean. (Website source: gracefo.jpl.nasa.gov). Launch date based on ELV Milestone schedule dated 12/15/2016.								
<i>Transitioning Exoplanet Survey Satellite (TESS)</i>	Oct 2017*	N/A	Nov 2017*	12/20/2017*	Falcon-9	CCAFS	HQ	PP/GL
Comments: The Transiting Exoplanet Survey Satellite (TESS) will discover thousands of exoplanets in orbit around the brightest stars in the sky. In a two-year survey of the solar neighborhood, TESS will monitor more than 200,000 stars for temporary drops in brightness caused by planetary transits. (Source: https://tess.gsfc.nasa.gov). Launch date is based on ELV Milestone Schedule dated 12/15/2016								
<i>Orbital- 8</i>	Aug 2017*	N/A	Sep 2017*	10/1/2017*	TBD	TBD	JSC	VH/GW
Comments: Launch date is based on ISS FPIP Schedule dated 12/20/2016.								
<i>68P</i>	Aug 2017*	N/A	Sep 2017*	10/12/2017*	TBD	TBD	JSC	VH/GW
Comments: Launch date is based on ISS FPIP Schedule dated 12/20/2016.								