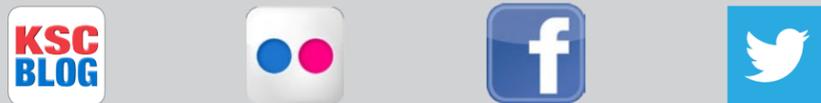


KENNEDY SPACE CENTER'S SPACEPORT MAGAZINE CONTENTS

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Cover: An integrated test of the MARCO POLO/Mars Pathfinder in-situ resource utilization, or ISRU, system recently took place at NASA's Kennedy Space Center in Florida. A mockup of MARCO POLO, an ISRU propellant production technology demonstration simulated mission, was tested in a regolith bin with RASSOR 2.0, the Regolith Advanced Surface Systems Operations Robot. RASSOR excavated regolith and delivered sand and gravel to a hopper and mock oven. On the surface of Mars, mining robots like RASSOR will dig down into the regolith and take the material to a processing plant where usable elements such as hydrogen, oxygen and water can be extracted for life support systems. Regolith also shows promise for both construction and creating elements for rocket fuel for the Mars Ascent Vehicle which will bring the astronauts home from Mars. Photo credit: NASA/Dimitri Gerondidakis

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NASA'S LAUNCH SCHEDULE

Targeted Date: Oct. 9
Mission: Orbital ATK Resupply Mission to Space Station (Orbital CRS-5)
Description: Orbital ATK's Cygnus cargo delivery to the International Space Station is targeted for a mid September launch on the Antares rocket from the Mid-Atlantic Regional Spaceport's Pad OA at NASA Wallops Flight Facility in Virginia.

Date: Oct. 20
Mission: Progress 65 Launch
Description: The Russian Progress 65 cargo craft will launch to the International Space Station from the Baikonur Cosmodrome in Kazakhstan on a two-day trip to the International Space Station, delivering food, fuel and supplies.
<http://go.nasa.gov/2dy7IHk>

Date: Nov. 4, 5:40 p.m. EDT
Mission: Geostationary Operational Environmental Satellite-R Series (GOES-R)
Description: The advanced spacecraft and instrument technology used on the GOES-R series will result in more timely and accurate forecasts and warnings.
<http://go.nasa.gov/1YubP2g>

Date: Nov. 15, 4:05 p.m. EDT
Mission: Expedition 50 Launch
Description: NASA astronaut Peggy Whitson, cosmonaut Oleg Novitskiy of the Russian space agency Roscosmos and European Space Agency astronaut Thomas Pesquet will launch to the space station aboard the Soyuz MS-02 spacecraft from the Baikonur Cosmodrome in Kazakhstan.
<http://go.nasa.gov/1VHuSAv>

Date: Nov. 21
Mission: Cyclone Global Navigation Satellite System (CYGNSS)
Description: Launching from Cape Canaveral Air Force Station, Florida, on a Pegasus XL rocket, the CYGNSS mission will probe the inner core of hurricanes to learn about their rapid intensification.
<http://www.nasa.gov/cygnss>



TONY GANNON

I have had the honor of working with Space Florida since the organization's inception, and currently serve as the director of business development. It's a challenging position, and I am responsible for initiating business development opportunities and partnerships that capture expansion activities and increase Florida's aerospace industry market share. That's a tall order for a man who was raised in Ireland and who fell in love with the space program at an early age. I count myself amongst the very lucky ones.

In the past, I initiated Space Florida Academy and Internship Programs, the Sub-Orbital Flight Incentive Program and the Space Florida — International Space Station (ISS) Research Competition. That was a most exciting project, resulting in seven scientific payloads flying to the space station.

As director of business development, I work to gather economic data, specifically as it relates to Florida's growing aerospace industry. I also spearhead Space Florida's Capital Acceleration Programs in efforts to raise venture capital within the state of Florida. To date, more than \$84 million has been raised for participating Florida companies with the assistance of our partnering entity — the Florida Venture Forum.

I also lead Space Florida's activities in the Florida-Israel Innovation Partnership, an international program with Israel that supports joint research and development, as well as commercialization efforts of aerospace and related technical projects.

Working here at Kennedy has been the highlight of my career. It has afforded me great opportunities and tough challenges, all of which I have welcomed. Who could want more than that?

