



International Space Station

calendar 2010

www.nasa.gov

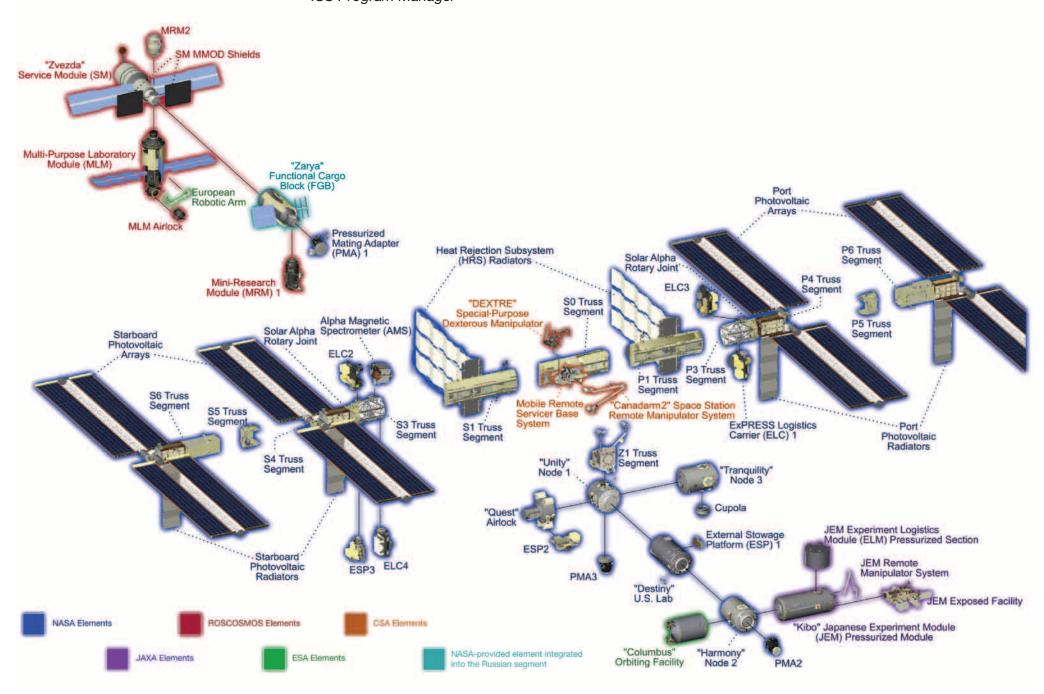
#### Welcome to the International Space Station 2010 Calendar



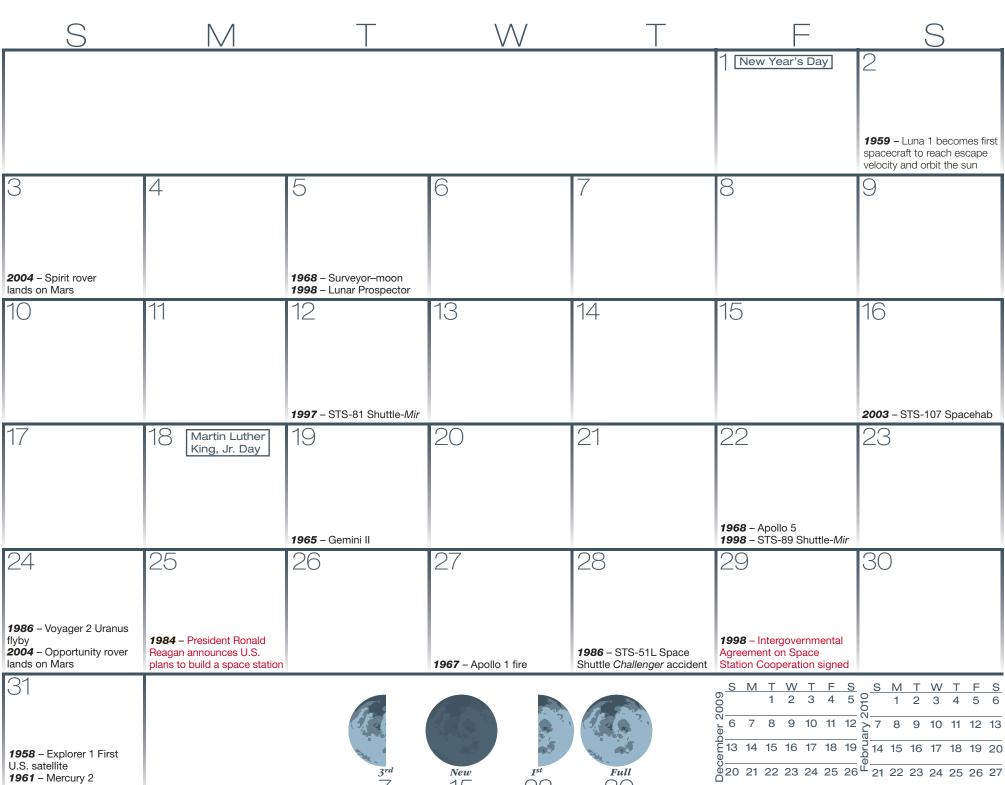
As we enter into our tenth year of human presence on board the International Space Station (ISS), we celebrate the fact and acknowledge the success of the ISS as one of the greatest technological, political and engineering accomplishments in human history. As we near the completion of the ISS on-orbit assembly, along with the successful expansion of the nominal crew size from three to a history-making six people, we turn our focus to the multifaceted purpose of the ISS. The ISS is the first step in exploration, from research and discovery, to international cooperation, to technology development, to living and working permanently in low-Earth orbit. With the unique capabilities of the ISS, we as a species can unravel the mysteries of life to better understand our home planet and continue our innate mandate to explore the beyond.

This calendar is designed to show all facets of the ISS using displays of astounding imagery and providing significant historical events with the hope of inspiring the next generation. NASA is grateful for the hard work and commitment that America's teachers demonstrate each and every day as they educate and shape the young students who will be tomorrow's leaders and explorers. I hope you enjoy the calendar and are inspired to learn something new and exciting about NASA and the ISS throughout the year.

Regards, Michael T. Suffredini ISS Program Manager







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**1971** – Apollo 14





The 2005 NASA Authorization Act designated the U.S. segment of the space station as a national laboratory, making it available for research by other federal entities and the private sector. The research conducted on this one-of-akind orbiting lab helps improve life on Earth and teaches us valuable lessons needed to tackle the challenges of long-duration space flight.

#### Out of this World Science

# February 2010

2 3 **1995** – STS-63. Eileen 2003 - STS-107. Space Collins first female space Shuttle Columbia accident shuttle pilot 11 12 13 9 10 **1984** – STS-41B. Astronauts conduct first untethered spacewalks 2001 - STS-98. Destiny Laboratory 2008 – STS-122. ESA Columbus 20 14 17 18 19 15 Presidents' Day 16 1962 - Friendship 7. John 1977 - Space Shuttle Glenn first American to **1965** – Ranger 8–moon Enterprise first flight test orbit Earth 26 24 1966 - Apollo/Saturn 201 28

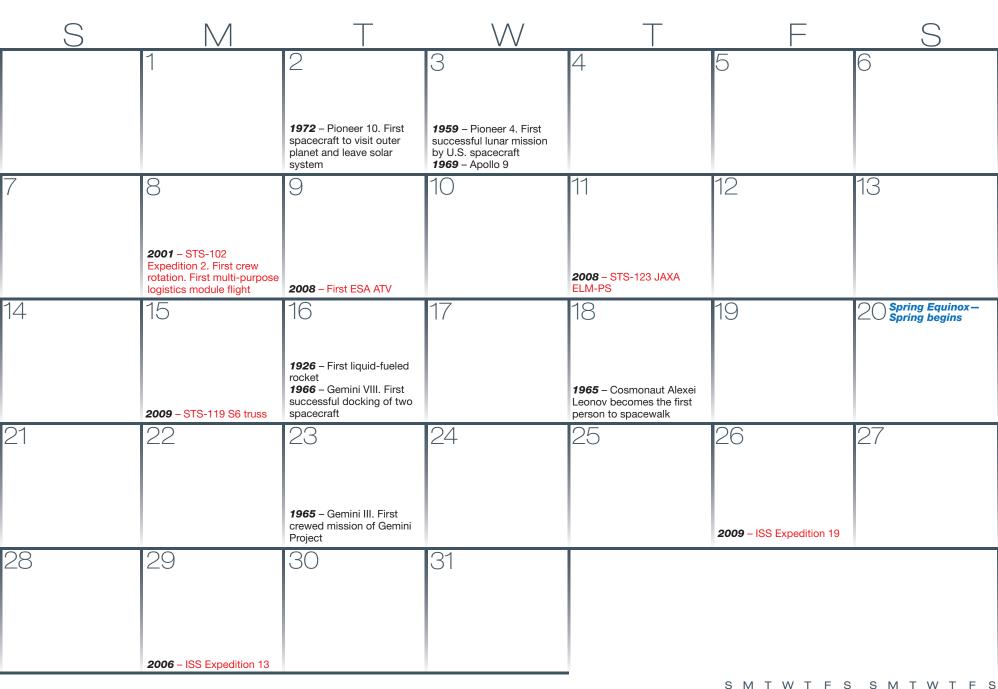










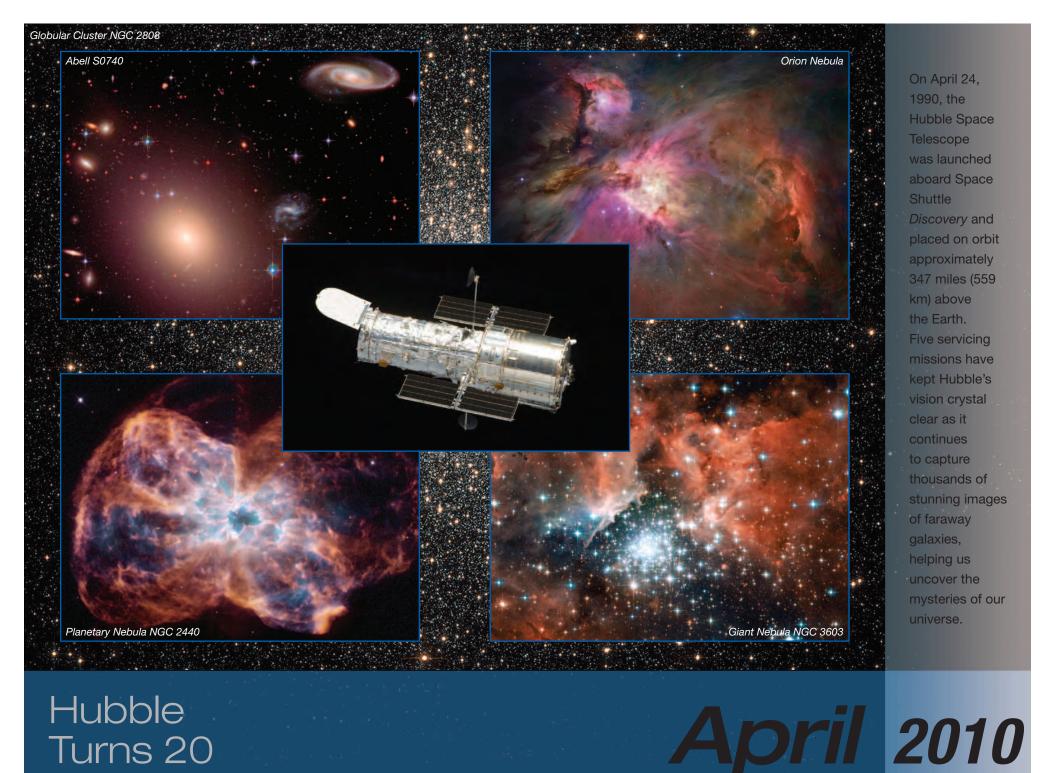


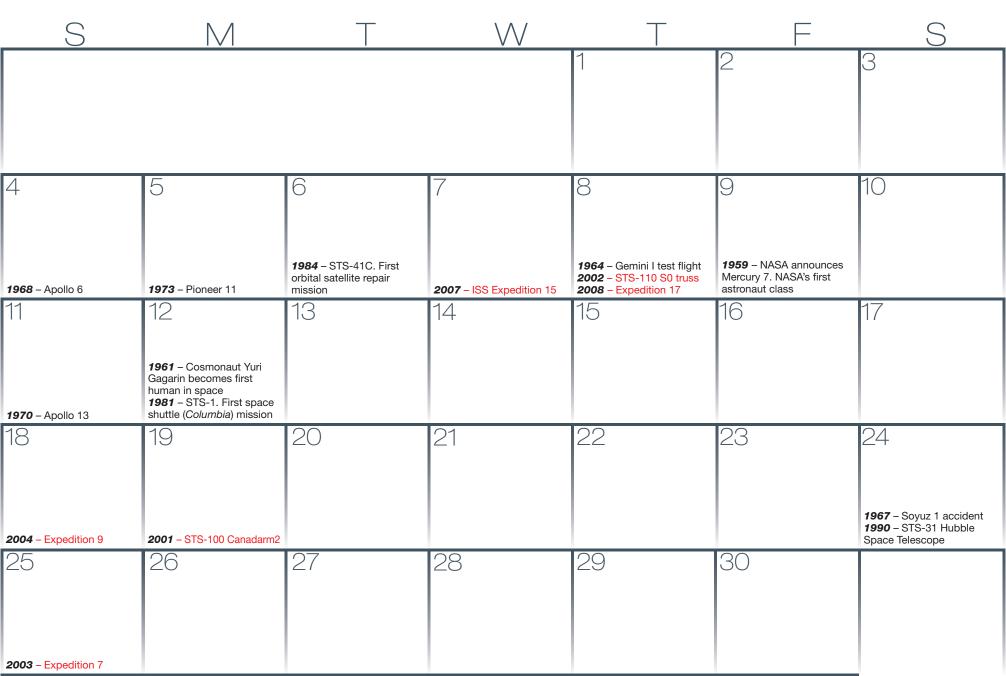
















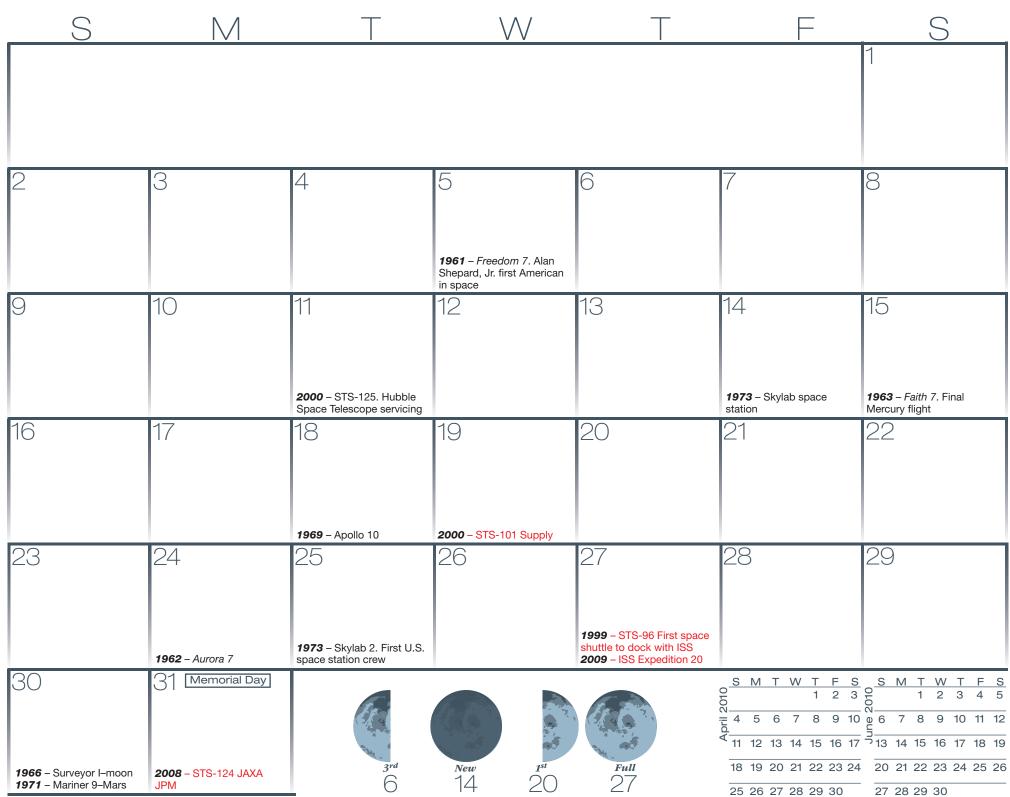


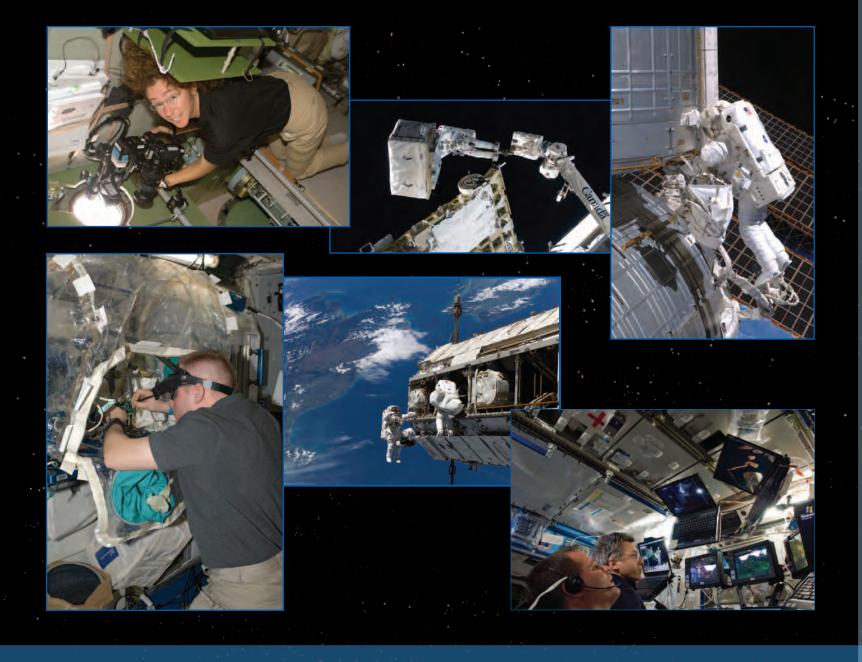


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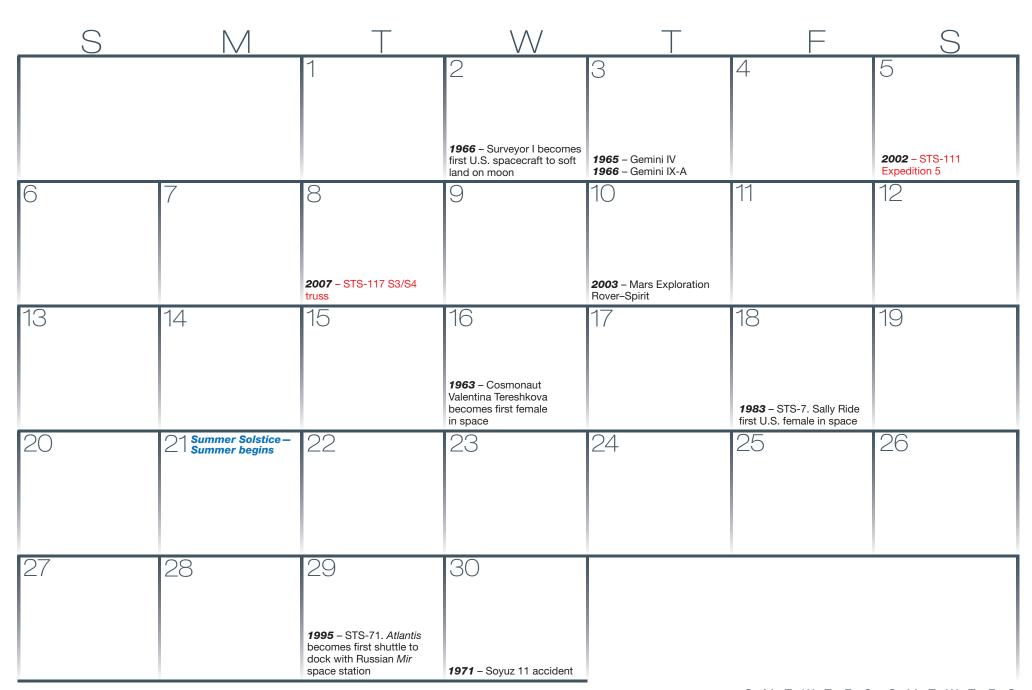




Spacewalks, global photography, scientific research, robotics - it's just another day at the office for space station crew members. Add to that the maintenance of a spaceship the size of a football field and it's easy to see how busy life on orbit can be for the space station's international crew.

# A Day at the Office

## June 2010



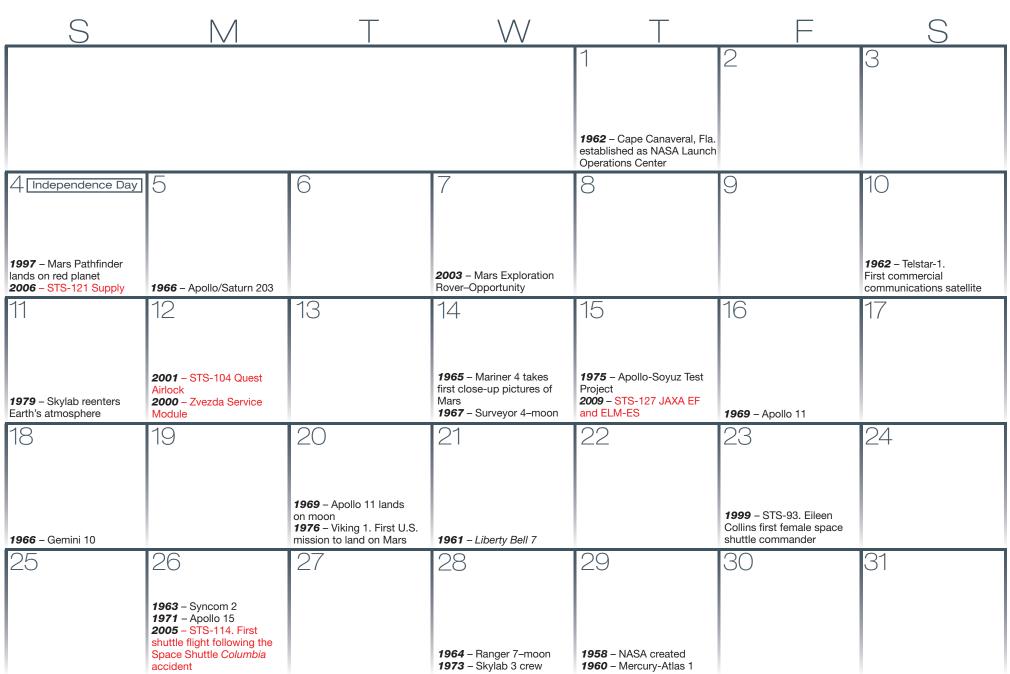






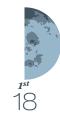














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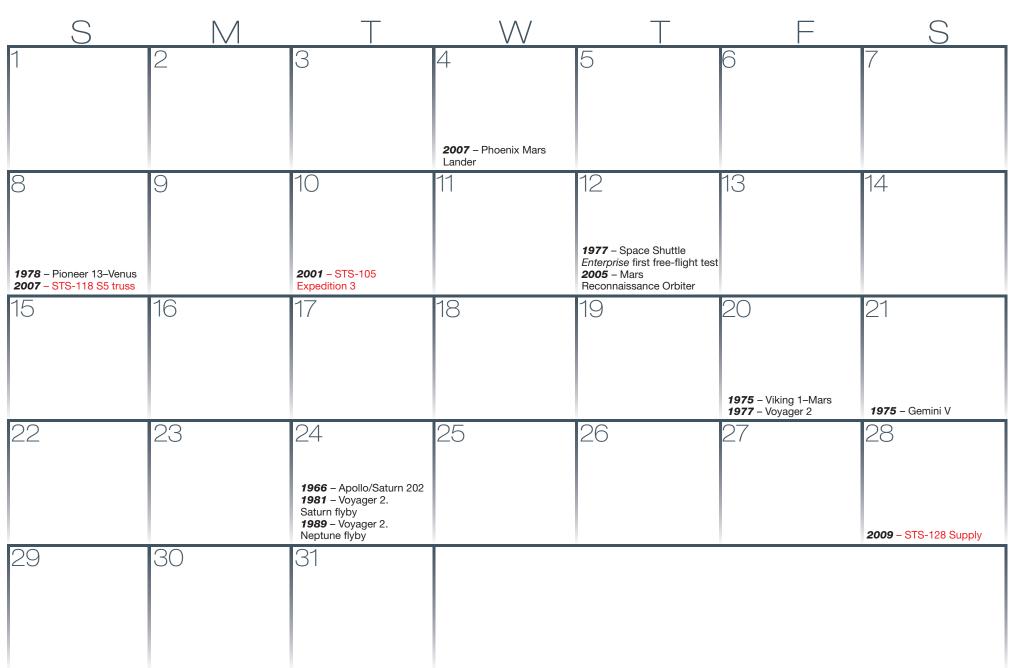




Sleeping, eating and exercising are just as critical in space as they are on Earth. On the space station, microgravity requires a unique approach to accomplishing all of these. Crews literally have to strap in to take a jog, enjoy a meal or get a good night's rest.

Life in Space

#### August 2010

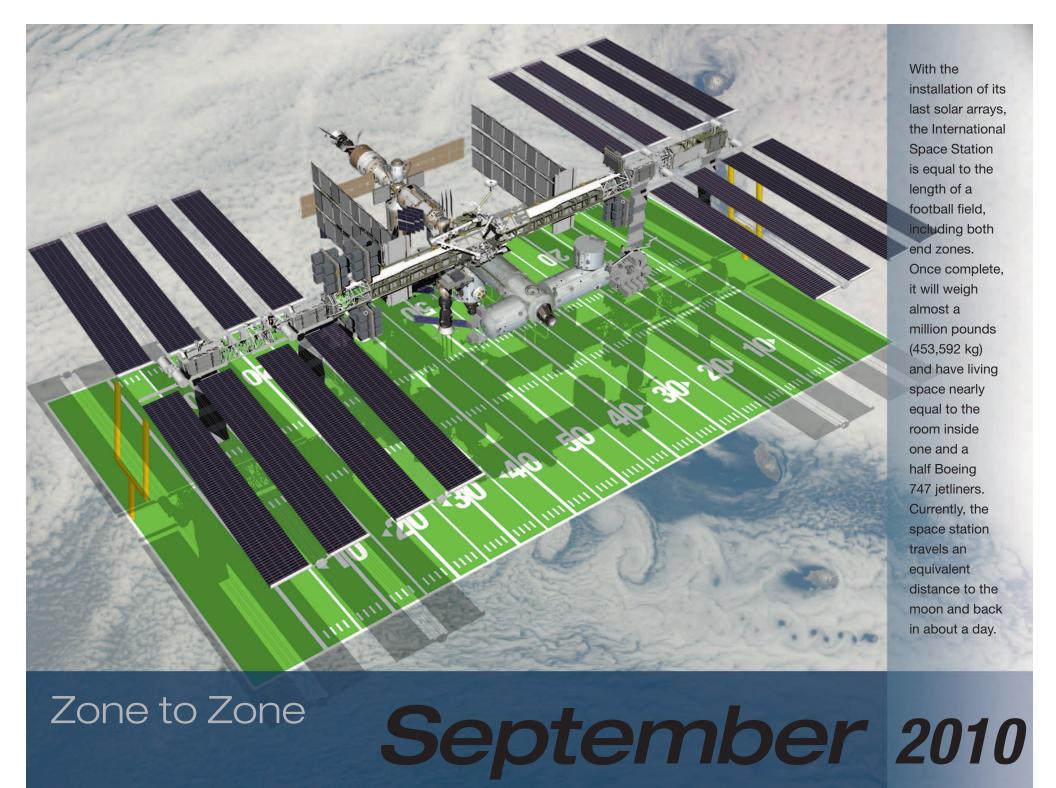


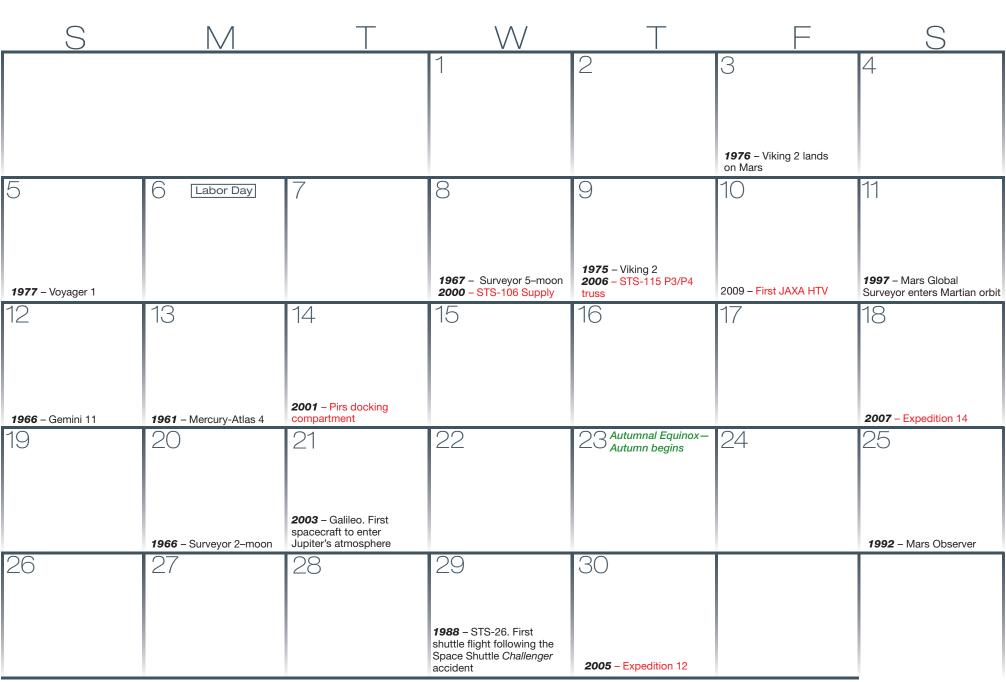
























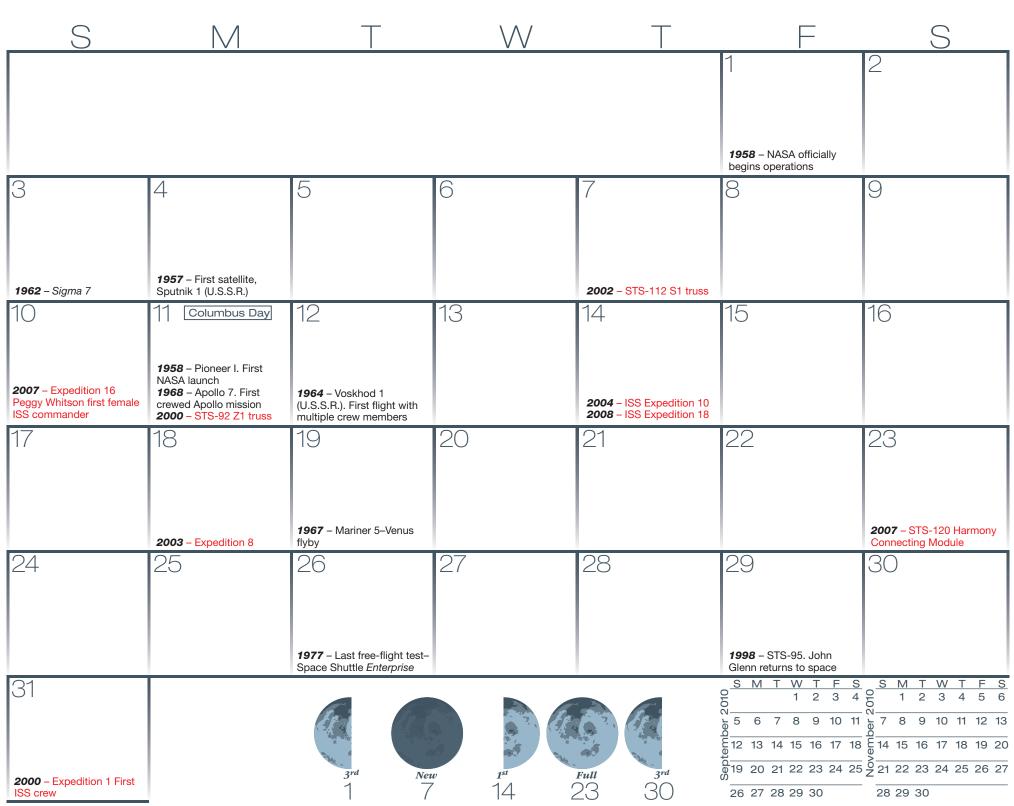




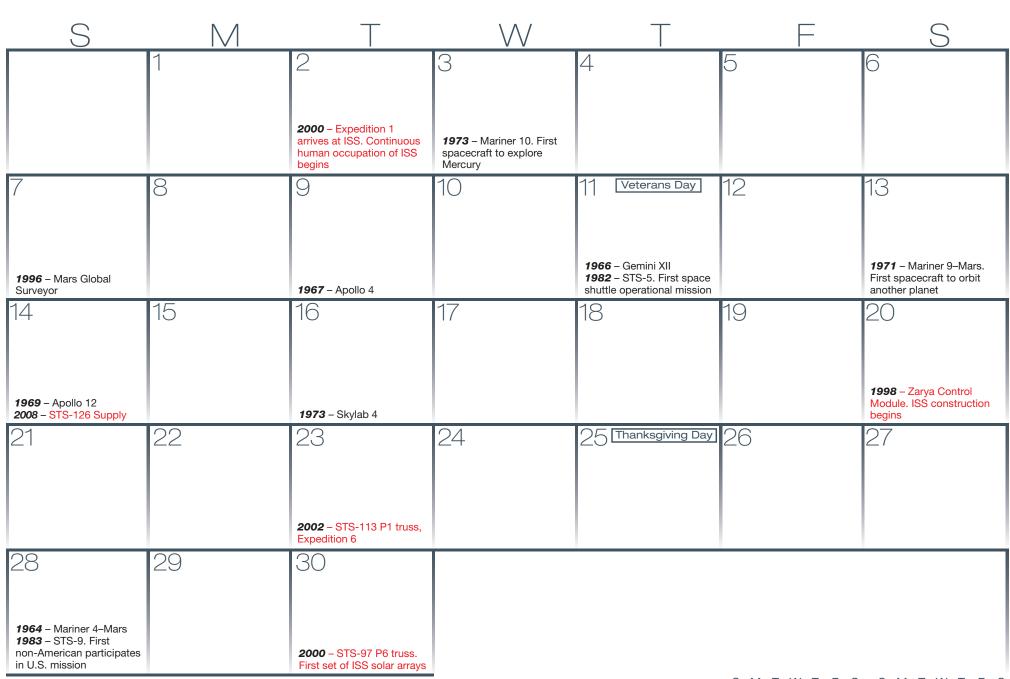
Long-duration space flight requires the invention of new technologies that often have life-improving applications back on Earth. Enhanced surgical robotics, more accurate automobile safety testing, improved air purification and plant growth using less water and no pesticides are just a few of the technological spinoffs from the International **Space Station** that improve our daily lives.

Improving Life on Earth

#### October 2010

















Ground support for the International **Space Station** involves more than 100,000 people in space agencies, at 500 contractor facilities and in 37 U.S. states. Crew trainers, food technicians and scuba divers are only a few examples of the diverse workforce necessary to keep the space station operational.

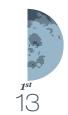
From the Ground Up

Virtual Reality Lab

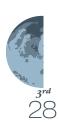
# December 2010

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			1	2	1973 – Pioneer 10. Flyby of Jupiter. First flyby of outer planet	1965 - Gemini VII 1998 - STS-88 Unity Connecting Module. First U.S. segment
<b>2001</b> – STS-108 Expedition 4	6	7  1972 – Apollo 17. Final Apollo mission	8	2006 - STS-116 P5 truss	10	11
12	13	14	1965 – Gemini VI-A and VII successfully rendezvous 1970 – Venera 7 (U.S.S.R.). First spacecraft to land on another planet (Venus)	16	17  1903 – Wright brothers first flight	18
19	20	21 Winter Solstice— Winter begins  1968 – Apollo 8	22	23	24  1968 – Apollo 8 becomes first crewed mission to orbit the moon	25 Christmas Day
26	27	28	29	30	31	









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