

A message from the International Space Station Program Manager for the International Space Station



FRONT COVER: The sun is captured by photo as a spectacular starburst over Earth's horizon. The Expedition 36 crew aboard the International Space Station captured this sunny display while flying over southwestern Minnesota in the United States on May 21, 2013. INSIDE FRONT COVER: The night lights of cities in North and South America glow in this image captured by the Suomi NPP satellite and mapped over existing imagery of Earth. The Suomi NPP satellite has a Visible Infrared Imaging Radiometer Suite which allows it to detect light in a range of wavelengths from green to near-infrared and uses filtering techniques to observe dim signals such as city lights, gas flares, auroras, wildfires and reflected moonlight. This image provides new meaning to the Earth being a spaceship

traveling through the darkness and overwhelming expanse of space.

Teachers and teaching are amongst the most valuable investments individuals, communities and nations can make. Investments in education guide and inspire our children and equip them to shape the world, for their own generation, as influenced by what they have learned. At every educational level and across every discipline, teachers prepare the scientists and engineers, accountants and artists, philosophers and diplomats who sway the course of humankind and demonstrate what educated and motivated individuals, communities and nations can do.

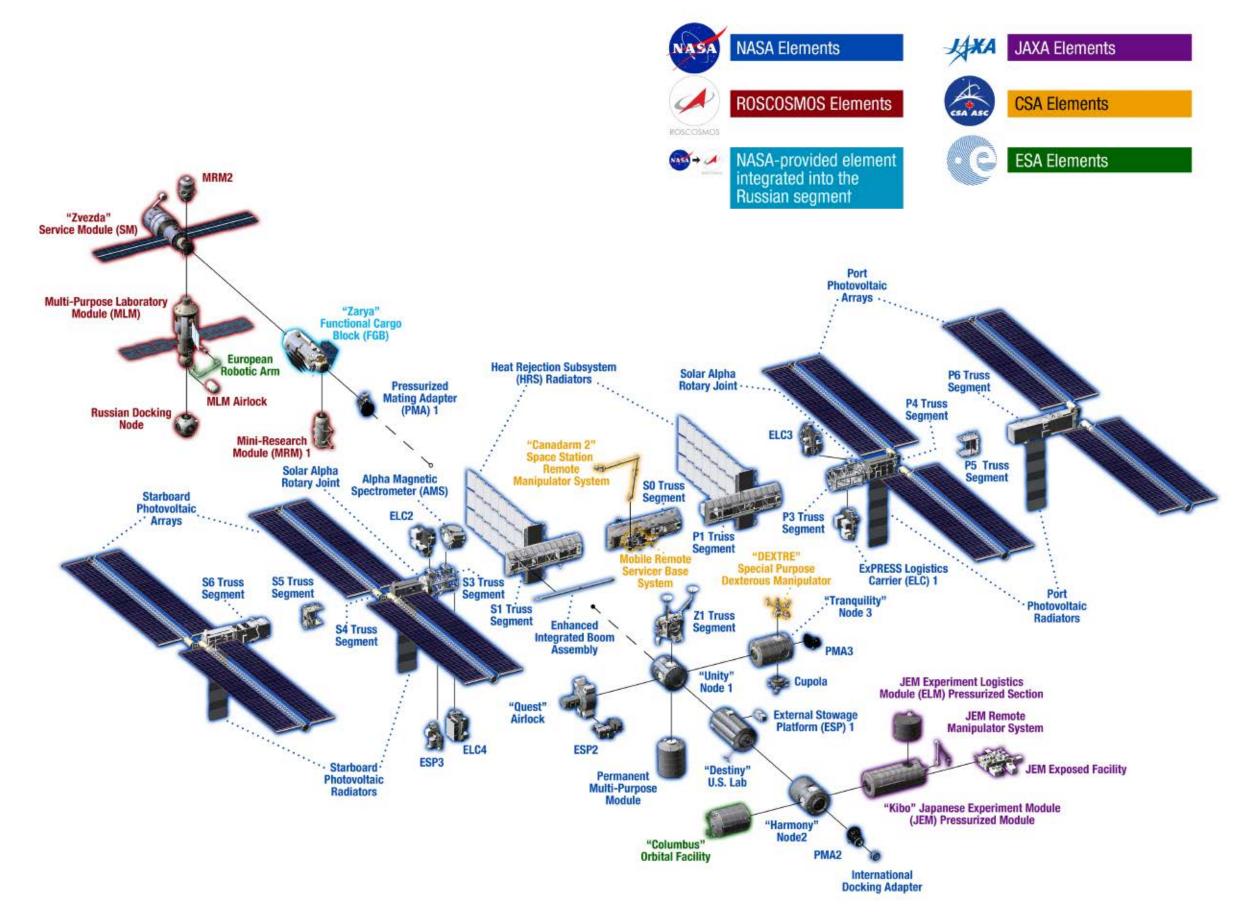
Developed by five partner agencies representing 15 nations, the International Space Station (ISS) is a wonder of scientific research and multi-national cooperation. Over 1500 experiments have been conducted by researchers from 68 countries expanding humanity's knowledge from a microcellular level to a planetary scale and beyond. Discoveries made aboard the space station have enabled life-saving robotic surgery techniques, led to water purification technologies for remote communities, and improved remote sensing techniques to significantly increase crop yields. The ISS is a testament to what humankind can accomplish through investments in education.

I hope you enjoy this calendar featuring highlights of the science performed onboard the space station and that it will inspire you to learn more about the research on ISS, its benefits to humanity and what can be accomplished by a peaceful partnership of many nations.

Regards,

MICHAEL T. SUFFREDIN

ISS Program Manager





27**1967**: Apollo 1 fire

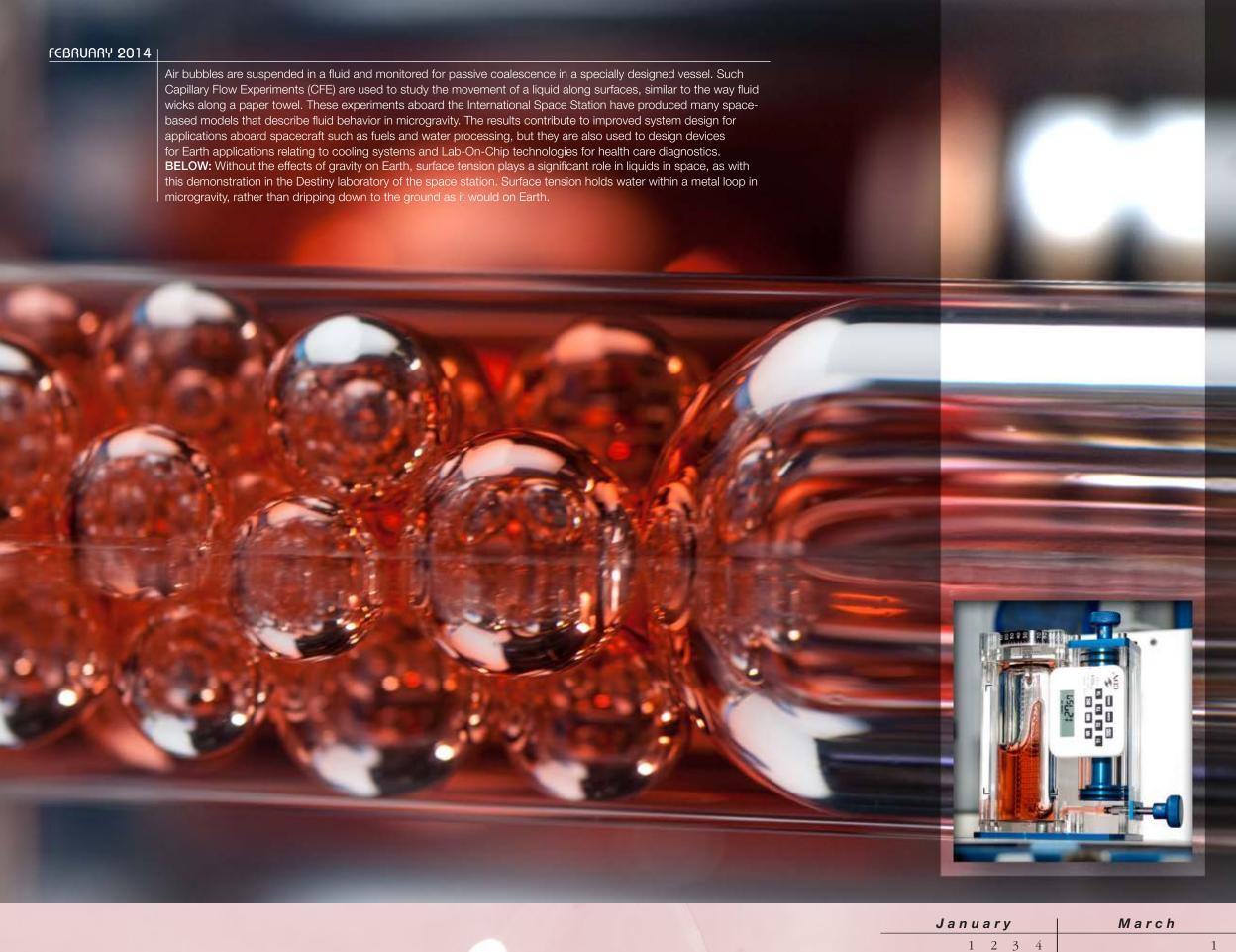
28 1986: STS-51L, Space Shuttle *Challenger* accident

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Interpretation
Agreement on
Space Station
Cooperation signed

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1958: Explorer 1, first U.S. satellite



FEBRUARY2014

SUNDAY

19 20 21 22 25 24 25 26 27 28 29 30 31 25/30 25/32 25 26 27 28 29 30 MONDAY TUESDAY WEDNESDAY THURSDAY FRIDAY SATURDAY

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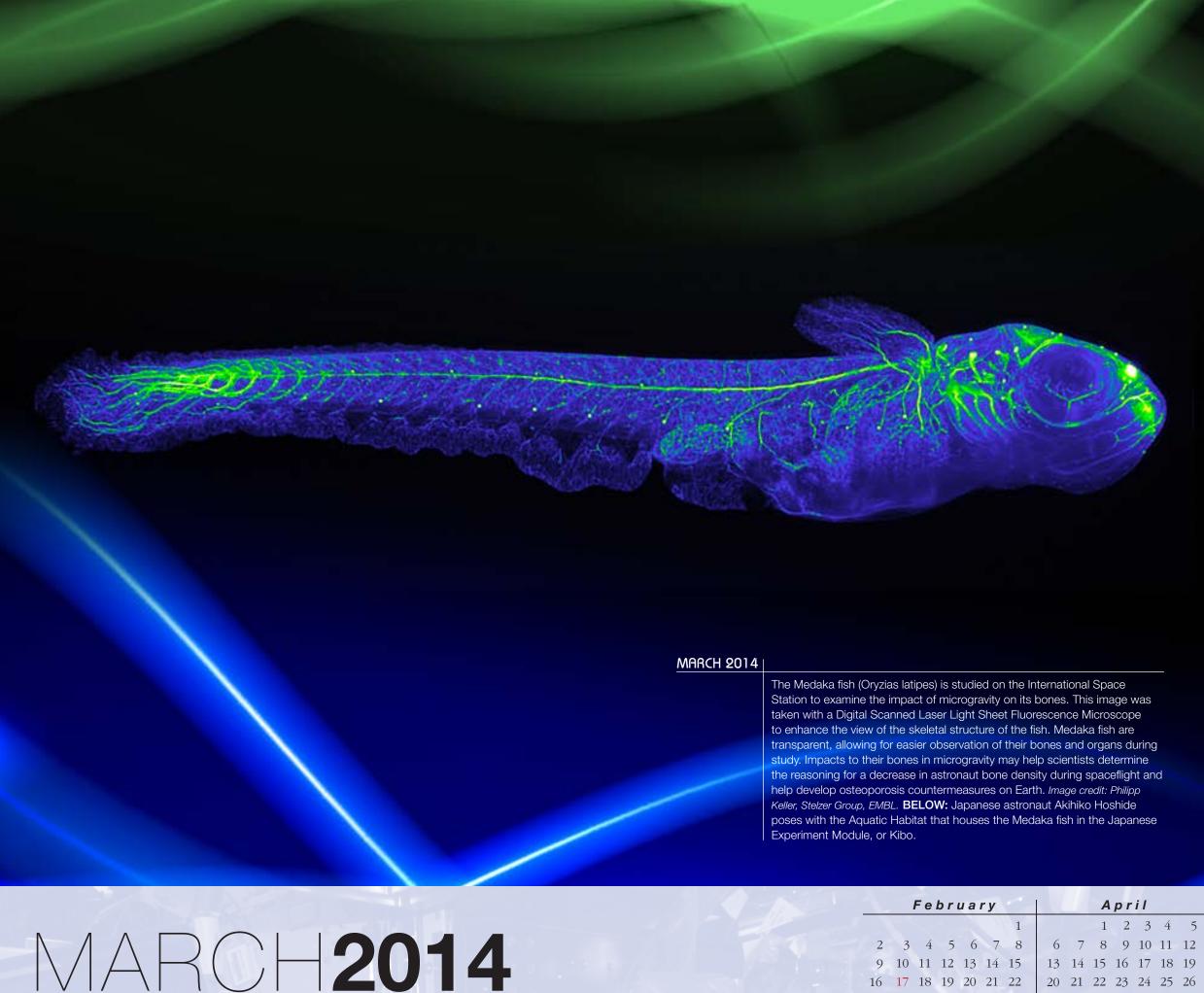
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						1984: STS-41B, first untethered spacewalks; 2001: STS-98/5A, U.S Destiny Laboratory launched; 2008: STS-122/1E, ESA-Columbus	2010: STS-130/20A U.S
2	1995: STS-63, Eileen Collins first fernale space shuttle pilot	4	5		6	2008: STS-122/1E, ESA-Columbus launched	2010: STS-130/20A, U.S Tranquility Connecting Module and ESA-Cupola launched
9	10	11	12		13	14	15
16	17 Presidents' Day	1977: Space Shuttle Enterprise first flight test atop Boeing 747 Shuttle Carrier Aircraft	19		Inauguration Day 1962: Friendship 7, John Glenn first American to orbit Earth	21	22
23	2011 : STS-133/ULF5, ELC4, PMM launched	25	Serv	166: Apollo/ turn 201, first iht of the Saturn I launch vehicle th an Apollo mmand and trice module ached	27	28	



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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
						1
2	1959: Pioneer 4, first successful lunar mission by U.S. spacecraft; 1969: Apollo 9, first manned flight of the Command/Service Module along with the Lunar Module	4	5	6	7	2001: STS-102/5A.1, first MPLM flight, ESP-1 launched, & ISS Expedition 2, first crew rotation
						. No
						2009 : STS-119/15A, S6 truss and solar arrays launched, 2013 : Chris
2008: First ESA ATV	10	2008: STS-123/1JA, JAXA-ELM-PS launched	12	13	1 4 2013 : ISS Expedition 35	1 5 Hadfield becomes first Canadian Commander of Station
	1000				1 2 2	
1926: First liquid-fueled rocket; 1966: Gemini VIII, first docking of two		1965: Cosmonaut Alexei				
first docking of two spacecraft in orbit; 2011: ISS Expedition 27	17	Leonov, first person to spacewalk; 2010 : ISS Expedition 23	19	20 Spring Begins	21	22
					Sabron Miles 11C-91CIONEDE O'Ver Louis	
March 23, 1965: Germini III,	0.4			A LEE	20 A D A D A D A D A D A D A D A D A D A	2006: ICC Fundition 10.
23/30 first crewed mission of Gemini Project	24/31	25	2609: ISS Expedition 19	27	28	2006: ISS Expedition 13; Anniversary of 1st 4- orbit launch to docking of an ISS crew



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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
		1	2	3	4	2010 : STS-131/19A, MPLM launched
1984: STS-41C, first orbital satellite repair mission	7 2007 : ISS Expedition 15	1964: Gemini I test flight; 2002: STS-110/8A, S0 truss launched; 2008: ISS Expedition 17	1959: NASA announces Mercury 7, NASA's first astronaut class	10	11	1961: Cosmonaut Yuri Gagarin, first human in space; 1981: STS-1, first space shuttle (<i>Columbia</i>) mission
				E. S.		
			and the same	4 12 20 2		
13	1 4 2005 : ISS Expedition 11	15	16	17	18 2004 : ISS Expedition 9	1 O 2001: STS-100/6A, CSA-Canadarm2 & MPLM launched
		(P. 14)				
20	21 2013: Antares Test Flight at Wallops Island	22 2001: First Canadian spacewalk, Chris Hadfield	23	2 4 1967: Soyuz 1 accident; 1990: STS-31, Hubble Space Telescope launched	25 2003 : ISS Expedition 7	26
					540	
27 _{2012: ISS Expedition 31}	28	29	30			

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MAY2014

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27	28	29	30				29	30						

SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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4	1961: Freedom 7, Alan Shepard Jr., first American in space	6	7	8	9	10
	Порисс			0		1 0
11	10	10	1973: Skylab space	1 -	10	17
1 1 Mother's Day	12	13 2013 : ISS Expedition 36	1973: Skylab space station launched; 2010: STS-132/ULF4, MRM1 launched;	15	2011 : STS-134/ULF6 launched	17
711			G.			
	75			- Land		
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18	1 Q 2000: STS-101/24 2a	20	21	2012: Launch of Space-X/Dragon, first commercial craft to launch to the space station	23	21
10	2000: STS-101/2A.2a, Spacehab launched	20	21	launch to the space station	2011 : Expedition 28	24
1973: Skylab 2, first U.S. space station crew; 2012: SpaceX/Dragon capsule, first grappled and berthed commercial craft to		1000 CTC 06/0A 1	/A/// A			
25 Space Not lagori capsule, first grappled and berthed commercial craft to the space station	26 Memorial Day	1999: STS-96/2A-1 launched, first space shuttle to dock with ISS; 2009: ISS Expedition 20	28	29	30	3 1 2008: STS-124/1JA, JAXA- JEM-PM, JEM-RMS launched
u ic space station	O Michiorian Day	2009: 155 Expedition 20				JEIVI-NIVIO IAUTICTIEU



JUNE2014

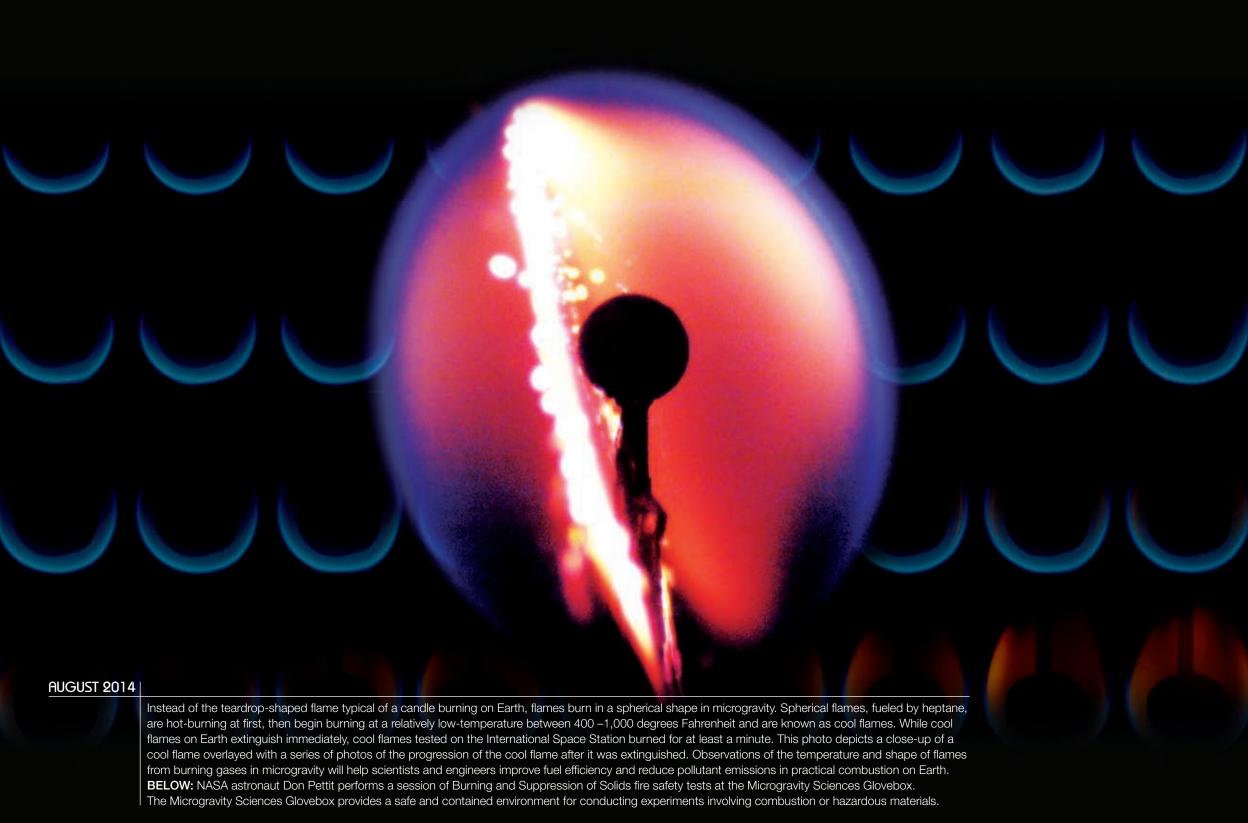
1971: Soyuz 11 accident; **2012**: ISS Expedition 32

first shuttle to dock with Russian Mir space station

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	4.34	-1940				
2010 : ISS Expedition 24	1966: Surveyor I, first U.S. spacecraft to soft land on the moon	3 1965: First American spacewalk, Ed White	4	2002: STS-111/UF-2, MBS & MPLM launched & ISS Expedition 5	6	7
		411				
2007: STS-117/13A, S3/S4 truss and solar arrays launched	9	10	11	12	13	14
	0					
15 Father's Day	1963: Cosmonaut Valentina Tereshkova, first female in space	17	1 Q 1992; STS 7 Sally Dida	19	20	Summer Begins (Summer Solstice, 1:04am EDT)
Father's Day	first female in space	1 7	1 S 1983: STS-7, Sally Ride, first U.S. female in space	19	20	1:04am EDT)
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
The state of the s	Induction of	1962: Cape Canaveral, Fla., established as NASA Launch Operations Center	2	3	Independence Day 1997: Pathfinder lands on Mars; 2006: STS-121/JUEF1-1, MPLM launched	5
						2001 : STS-104/7A, U.SQuest Airlock
6	7	2011: STS-135/ULF7 launched (Final shuttle mission)	2013: First Italian spacewalk, Luca Parmitano	1 1962: Telstar-1, first commercial communications satellite	1979: Skylab re-enters Earth's atmosphere	1 2 launched; 2000: Proton/ 1R, Russia-Zvezda Service Module launched
		1975 : Apollo-Soyuz, first joint Russia-U.S./				
13	1965: Mariner 4 takes first close-up pictures of Mars	1975: Apollo-Soyuz, first joint Russia-U.S./ Soyuz spaceflight: 2009: STS-127/2JA, JAXA-JEM-EF and ELM-ES launched	16	17	18	19
1969: Apollo 11 first						1963 : Syncom 2, world's first geosynch comm.
1969: Apollo 11, first manned lunar landing; 1976: Viking 1, first U.S. spacecraft to land on Mars	21	22	23 1999; STS-93, Elleen Collins, first female space shuttle commander	24	25	satellite; 2005: STS-114, first shuttle flight following the Space Shuttle Columbia accident
		1050: Propidant				



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AUGUST	/ 1 4	

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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3	4	5	2012: Curiosity Rover lands on Mars	7	1978: Pioneer 13-Venus, first U.S. spacecraft to study Venus in detail; 2007: STS-118/13A.1, S5 truss, Spacehab and ESP-3 launched	9
		Makes -				
2001: STS-105/7A.1, MPLM launched & ISS Expedition 3	11	1 2 1977: Space Shuttle Enterprise, first free-flight test	13	14	15	16
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17	18	19	20	21	22	23
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24/31	25 1989: Voyager 2, reaches closest approach to Neptune	26	27	28 2009 : STS-128/17A, MPLM launched	29	30
/ 0	approach to Neptune	20	4	MPLM launched	20	

July

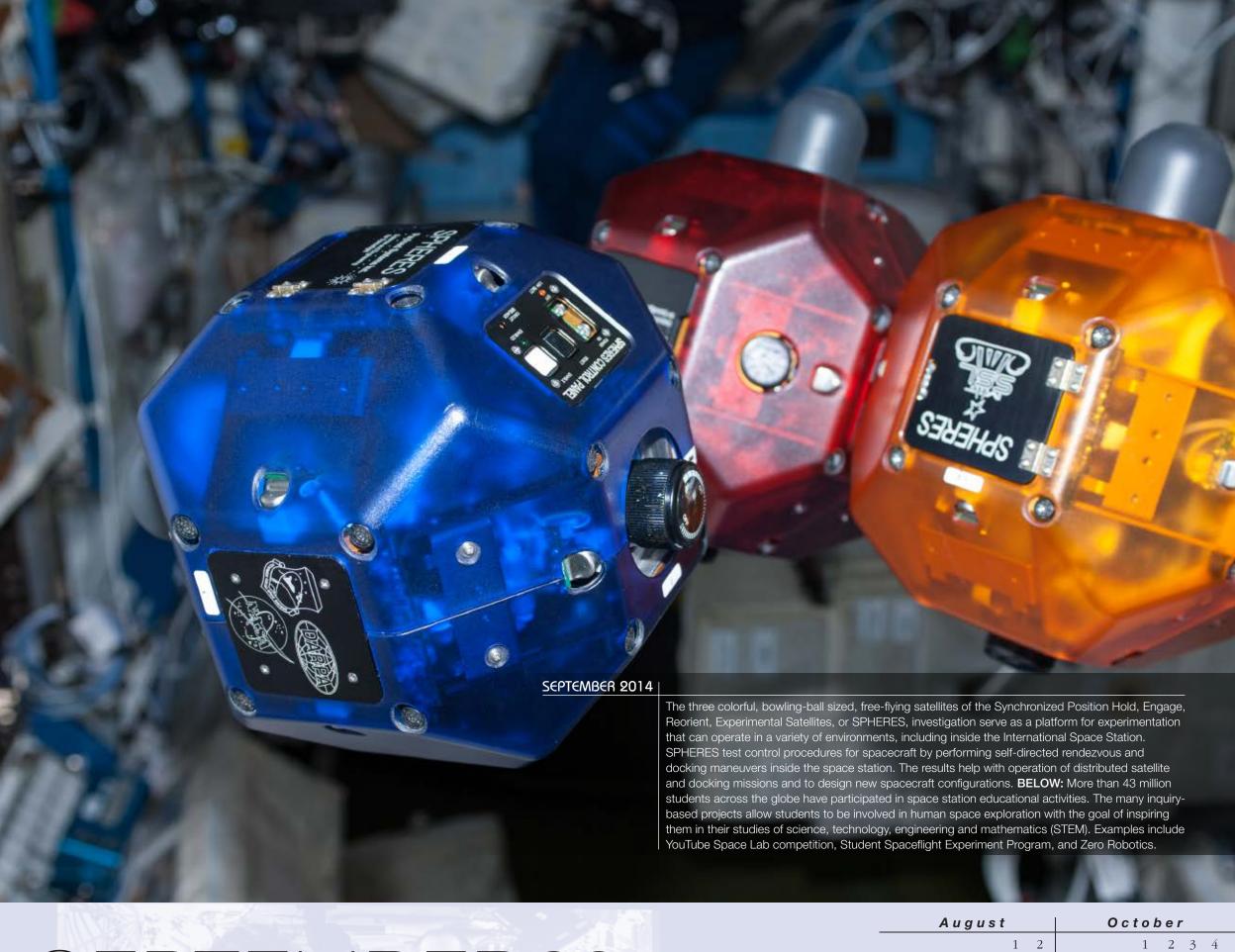
6 7 8 9 10 11 12

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September

7 8 9 10 11 12 13

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SEPTEMBER2014

1988: STS-26, first shuttle flight following the Space Shuttle *Challenger* accident;

2013: Orbital Sciences/ Cygnus, commercial craft grappled and berthed to space station

30 2005: ISS Expedition 12

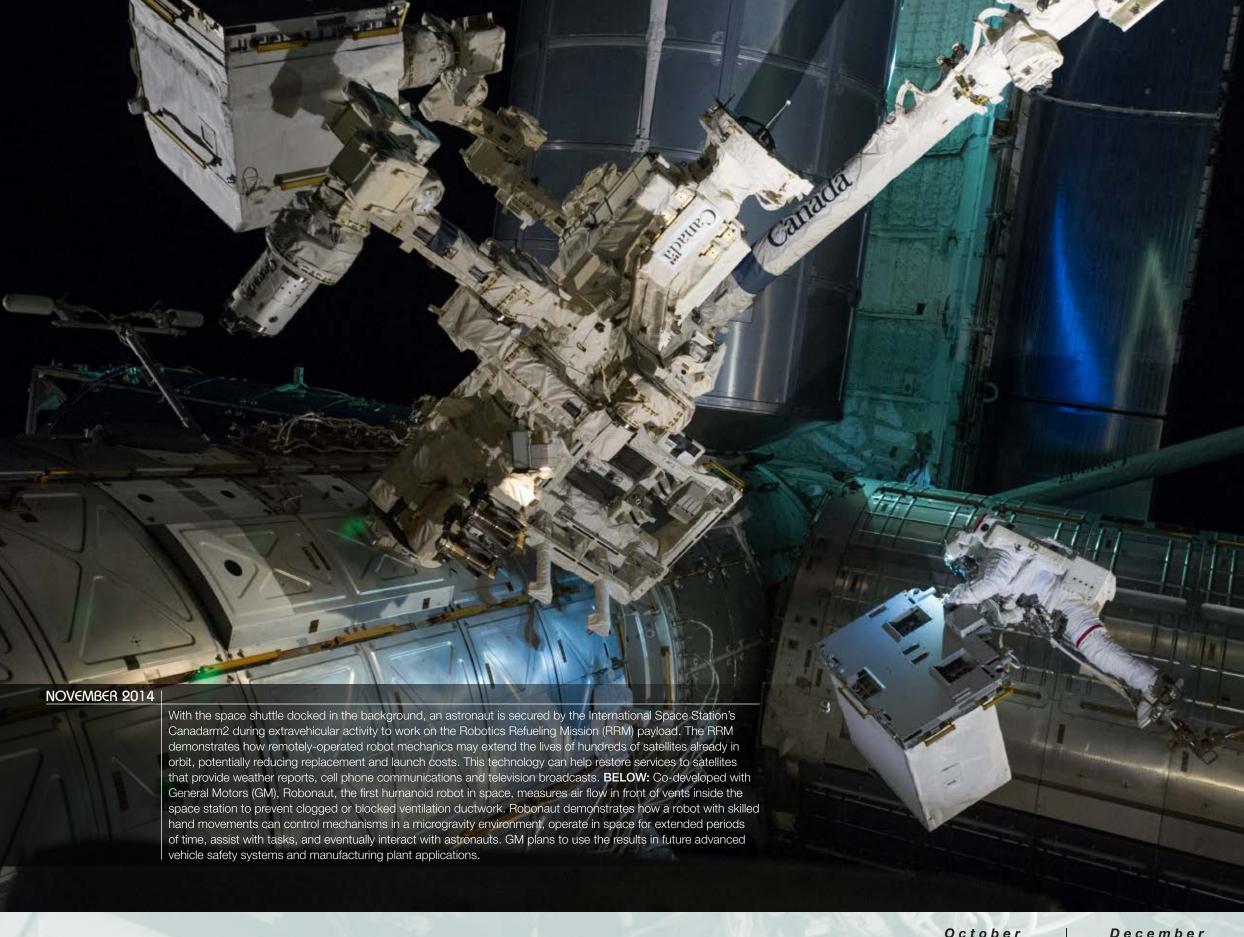
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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
	1 Labor Day	2	3	4	1977: Voyager 1 returns first spacecraft photo of Earth and Moon	6
7	2000 : STS-106/2A.2b, Spacehab launched	1975: Viking 2 launched, first spacecraft to successfully land on Mars; 2006: STS-115/12A, P3/P4 truss launched; 2011: ISS Expedition 29	2009: First JAXA HTV launched; 2013: ISS Expedition 37	11	12	13
1 / 2001 : Soyuz/4R, Pirs	15	16	17	2006: ISS Expedition 14; 2013: Orbital Sciences/ Cygnus, commercial craft launched to space station	1 ()	
2001: Soyuz/4R, Pirs docking compartment launched	15	16 2012 : ISS Expedition 33		2013: Orbital Sciences/ Cygnus, commercial craft launched to space station	19	20
2003: Galileo, first spacecraft to enter Jupiter's atmosphere	22 Autumn Begins (Fall Equinox, 4:44pm EDT)	23	24	25	26	27 2008 : First Chinese spacewalk, Zhigang Zhai

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
88					19/1	
			1958: NASA officially begins operations	2	3	1957: Sputnik 1 (U.S.S.R.), first satellite
						10/20
	i i					1958: Pioneer 1, first NASA Launch; 1968: Apollo 7, first crewed Apollo mission; 2000: STS-92/3A,
5	6	2002 : STS-112/9A, S1 truss launched; 2010 : ISS Expedition 25	8	9	2007: ISS Expedition 16, Peggy Whitson, first female ISS commander	2000: STS-92/3A, Z1 truss launched; 2009: ISS Expedition 21
1964: Voskhod 1 (U.S.S.R.), first flight with multiple crew members; 2008: ISS Expedition 18	13 Columbus Day	14	15	16	17	18 2003 : ISS Expedition 8
19	20 1995: First German spacewalk, Thomas Reiter	21	22	2007: STS-120/10A, ESA-Harmony Connecting Module launched	24	25
	57		A			
26	27	28 2009 : Ares-1X launch	29	30	31	



NOVEMBER2014

October December 1 2 3 4 1 2 3 4 5 6 5 6 7 8 9 10 11 7 8 9 10 11 12 13 12 13 14 15 16 17 18 14 15 16 17 18 19 20 19 20 21 22 23 24 25 21 22 23 24 25 26 27

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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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2000: Expedition 1 arrives		1		June Vinne	7	
2000: Expedition 1 arrives at ISS. Continuous human occupation of ISS begins.	1973: Mariner 10, first spacecraft to explore Mercury	4	5	6		8
	1			900	Car	
		100	9/6			
			- 1		SA GM	
9	10	Veterans Day 1982: STS-5, first space shuttle operational mission; 2013: ISS Expedition 38	12	1971: Mariner 9-Mars, first spacecraft to orbit another planet	2008: STS-126/ULF2, MPLM launched	15 2010 : ISS Expedition 26
0	2013: ISS Expedition 38	2013 : ISS Expedition 38		another planet	MPLM launched	2010: ISS Expedition 26
			B /		No.	
1973: Skylab 4; 2009:	4 7	4.0	4.0	1000: Proton Puncin	0.4	
1973: Skylab 4; 2009: STS-129/ULF3, ELC1, and ELC2 launched; 2011: ISS Expedition 30	1/	18	19	20 1998: Proton – Russia, Zarya Control Module, ISS first element launch	21	22
	Trial I		MNN			
November 23, 2002: STS-113/11A, P1 truss launched; ISS Expedition 6;		101:	NNN NN			
P1 truss launched; ISS Expedition 6; Novemeber 30, 2000 : STS-97/4A, P6 truss, first set of solar arrays launched; 2009 : ISS Expedition 22			MNN			
23/20	24	25 1997: First Japanese spacewalk Takan Doj	26	27 Thanksgiving Day	1983: STS-9, First international agency participates in U.S.	29
-730	24	1997: First Japanese spacewalk, Takao Doi	20	Thanksgiving Day	participates in 0.5. mission	23



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SUNDAY	MONDAY	TUESDAY	WEDNESDAY	THURSDAY	FRIDAY	SATURDAY
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	-9					
100	1.	2	3 1973: Pioneer 10-first flyby of outer planet (Jupiter)	1998: STS-88/2A, Unity Connecting Module, first U.S. component launched	2001: STS-108/UF-1, MPLM launched & ISS Expedition 4	6
÷, II	0.0	0000 OTO 440 40 A 4				
1972: Apollo 17, final Apollo mission	8	2006: STS-116/12A.1, Spacehab & P5 truss launched; 1988: First French spacewalk, Jean-Loup Chretien	10	11	1 2006: First Swedish spacewalk, Christer Fugelsang	13
O Total So	1965 : Gemini VI-A and VII,		767			
	first manned rendezvous between two spacecrafts;				Dr. Ale	
1 4 1962: Mariner 2, first flyby of Venus	first man-made spacecraft to successfully land on another planet (Venus) and to transmit data from there back to Earth	16	17	18	19	20
					Fly	
						1-90
21 Winter Begins (Winter Solstice, 12:11pm, EDT)	22	23 1999: First Swiss spacewalk, Claude Nicollier	24 1968: Apollo 8, first crewed mission to orbit the moon	25 Christmas Day	26	27
		A market				
			18			
28	29	30	31	7		