



**UNITED STATES HUMAN SPACE FLIGHT
ACTIVITIES FOR 2005**

INTERNATIONAL SPACE STATION EXPEDITIONS

Expedition 10

Crew:

ISS Commander: Leroy Chiao (PH.D.) NASA Astronaut

Flight Engineer: Salizhan Sharipov GCTC Cosmonaut

Flight Engineer: Yuri Shargin (Lieutenant Colonel) Test Cosmonaut of Russian Federation Defense Ministry Space Force (launched with Expedition 10 on the Soyuz TMA-5 spacecraft and returned with Expedition 9 on Soyuz TMA-4)

Launched: 13 October 2004

Docked: 15 October 2004

Mission End: 24 April 2005



Expedition 11

Crew:

ISS Commander: Sergei Krikalev, Cosmonaut representing the Russian Federal Space Agency, Roscosmos

Flight Engineer: John Phillips, NASA Astronaut

European Astronaut: Roberto Vittori, European Space Agency Astronaut (launched with Expedition 11 and returned to Earth with Expedition 10)

Launched: 14 April 2005

Docked: 16 April 2005

Mission End: 10 October 2005



Shuttle Mission: STS-114 (Discovery)

Crew:

Commander: Eileen Collins; Pilot: James Kelly; Mission Specialists: Charles Camarda, Wendy Lawrence, Soichi Noguchi (JAXA), Stephen Robinson, Andrew Thomas

Primary Mission Objectives:

Return to Flight test mission. Raffaello Multi-Purpose Logistics Module (MPLM); External Stowage Platform (ESP-2); Remove and replace Control Moment Gyro.

Launched: 26 July 2005

Landed: 9 August 2005



Expedition 12

Crew:

ISS Commander: Bill McArthur NASA astronaut

Flight Engineer: Valery Tokarev flight engineer and Soyuz commander representing the Russian Federal Space Agency, Roscosmos

Spaceflight Participant: Gregory Olsen, under a commercial contract with the Russian Federal Space Agency (launched with Expedition 12 then landed with Expedition 11)

Launched: 30 September 2005

Docked: 3 October 2005

Mission End: 8 April 2006



Expedition 13

Crew:

Commander: Pavel Vinogradov; cosmonaut representing the Russian Federal Space Agency, Roscosmos

Flight Engineer: Jeffrey Williams; NASA astronaut and science officer.

Flight Engineer: Thomas Reiter; European Space Agency astronaut. (He will launch on shuttle mission STS-121 and will join Expedition 13 on the space station.

Brazilian Astronaut: Marcos Pontes; Brazilian Space Agency astronaut. (Launched with Expedition 13 and land with Expedition 12 under a commercial contract with Roscosmos.)

Launched: 29 March 2006

Docked: 31 March 2006

Mission end: 24 September 2006 (planned)



**UNITED STATES HUMAN SPACE FLIGHT
NEXT STATION AND SHUTTLE PLANNED ACTIVITIES**

Shuttle Mission: STS-121 (Discovery)
Launch date: 1 July 2006

Shuttle Mission: STS-115 (Atlantis)
Launch date: 28 August 2006

ISS Mission: Expedition 14
Launch date: 14 September 2006 (Soyuz)

Shuttle Mission: STS 116 (Discovery)
Launch Date: 14 December 2006

Note: Establishment of ISS permanent crew of 6 is January 2009.