

**Addendum to the 1996 Balance of Contributions Protocol for Services to be Provided through December 2005 and Crew Rescue through April 2006**

With regard to the near term update to the 1996 Balance of Contributions Protocol (the Balance Agreement) and the resolution of near term operational issues for the period covering calendar year 2005 and crew rescue through April 2006, NASA and Roskosmos (the Parties) agree to continue implementation of the original agreement amended as follows:

1. NASA will not plan on continued use of the contract crew hours beyond October 2004 and agrees to implement the necessary contract modifications by November 2004 to reflect that as of the end of Expedition 9 Roskosmos will have fully met its obligation for the crew hours and stowage obligations in Modification 44 of Contract-NAS15-10110.
2. NASA agrees to continue to provide NASA environmental/health care system capability to support habitation of the Expedition crews, including the Roskosmos crewmembers, through December 2005.
3. NASA agrees to continue to supply Roskosmos with electrical power pursuant to the 1996 Balance Agreement.
4. NASA agrees to continue to provide Roskosmos with communications resources and stowage volume, as available, pursuant to current operational practice through December 2005.
5. For purposes of calculating the requirements and obligations through December 2005, the Parties assume the ISS will have a two-person crew in this timeframe.

The Parties agree to share crew rotation responsibilities as follows: Roskosmos agrees to return the Expedition 10 crew (one NASA, one Roskosmos) on Soyuz 9. Roskosmos agrees to launch the Expedition 11 crew (one NASA, one Roskosmos) on Soyuz 10 in April 2005. Roskosmos agrees to return the Expedition 11 crew (one NASA, one Roskosmos) on Soyuz 10 and launch the Expedition 12 crew (one NASA, one Roskosmos) on Soyuz 11 in October 2005. This guarantees Roskosmos the ability to market the third seat on each Soyuz flight in 2005.

However, NASA agrees to continue to work an option, subject to the operational readiness of the Shuttle, of rotating the NASA Expedition 11 and Expedition 12 crewmembers on the Shuttle in the fall of 2005. This leaves open the possibility for Roskosmos to market an additional seat on Soyuz LI.

Should the Parties jointly determine that adequate operational capability is available to support the third crewmember on orbit, NASA agrees to provide launch and subsequent return of the third crewmember (provided by Roskosmos) on the Shuttle. If the increase to a three-person crew does not coincide with the Roskosmos long duration flight opportunity, NASA will remedy this on the next rotation on the Shuttle.

The Parties agree that each side will then be considered to have fulfilled its obligations for crew rotation under the 1996 Balance Agreement. Crew rotation in 2006 and beyond will be the responsibility of each side to provide for its crewmembers through its own resources or by arranging for such services from the other partner.

6. Upon Shuttle Return to Flight, NASA agrees to provide crew provisions and food on the Shuttle and ATV 1 vehicles to support the NASA crewmembers. In addition, NASA agrees to provide water for the entire Expedition crew, including Roskosmos crewmembers. NASA also agrees to continue to launch and return Roskosmos cargo in accordance with its obligations under the 1996 Balance Agreement and subsequent protocols.
7. Roskosmos agrees to provide crew rescue capability to the entire Expedition crew, including the NASA crewmembers, through April 2006.

The Parties agree that, regardless of when the Assembly Phase is complete, Roskosmos will have fulfilled its obligations for crew rescue under the 1996 Balance Agreement to provide crew rescue on eleven Soyuz vehicles. Crew rescue after April 2006 and beyond will be the responsibility of each side to provide for its crewmembers through its own resources or by arranging for such services from the other partner.

8. Roskosmos agrees to continue to provide habitation to the entire Expedition crew, including the NASA crewmembers, including launch of life support systems resupply, water, and gas through December 2005.
9. In 2005, until such time as the Shuttle returns to flight, Roskosmos will launch some mutually agreed upon NASA cargo (crew provisions, food, critical spares, and utilization items) not to exceed a total of 1.7 MT. Upon Shuttle return to flight, the unlaunched balance of the 1.7 MT will be used to reduce NASA's existing debt to Roskosmos for Progress waste removal services. Additionally, Roskosmos will accommodate a small, mutually agreed upon amount of

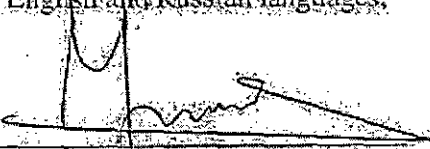
downmass on Soyuz, including utilization hardware, during the period before the Shuttle returns to flight.

This Addendum to the 1996 Balance Protocol represents an Implementing Arrangement within the framework of the Space Station Intergovernmental Agreement and NASA/RSA Memorandum of Understanding, and will enter into force following completion of the Parties' internal approval procedures. However, the Parties agree to implement the terms of this Addendum upon signature, pending such approval.

The Parties also agree to devote intensive efforts to the development of additional arrangements covering the period from the beginning of calendar year 2006 to the end of calendar year 2009. The Parties agree that the optimum date for conclusion of negotiations of such arrangements is not later than the end of March 2005.

Done in Moscow, in duplicate, September 9, 2004, in English and Russian languages, each text being equally authentic.

  
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