

Phase 1 Joint Working Group (WG) Structure

Table 1.1

Working Group (WG) Number and Name	Area of Responsibility	Russian Chair (through most of the program)	NASA Chair (through most of the program)
WG-0 Management Working Group	<p>Technical direction of all Phase 1 activities; coordination of activities of working groups</p> <p>Technical coordination of RSA and NASA Activities</p> <p>Established Configuration Management Control and standards for documents and communications</p> <p>Coordination of Phase 1 Joint Milestone Template</p>	<p><u>Technical Director</u> (RSC-E) Valeriy Viktorovich Ryumin</p> <p><u>Technical Director</u> (RSA) Boris Dmitryevich Ostroumov</p> <p><u>Deputy Technical Director</u> (RSA) Aleksandr Grigoriyevich Botvinko</p> <p><u>Chairman of Crew Training</u> (Gagarin Crew Training Center) Yuri Nikolayevich Glaskov</p> <p><u>Requirements Coordination</u> (RSC-E) Anatoliy Vasilyevich Lomanov</p>	<p><u>Program Manager</u> Frank L. Culbertson</p> <p><u>Deputy Program Manager</u> James E. Van Laak</p> <p><u>Contract Director</u> James R. Nise</p> <p><u>Requirements Coordination</u> Kathy Leary</p>
WG-0 Cargo and Scheduling Subgroup	Joint manifesting, cargo traffic scheduling for <i>Mir</i> -NASA program, and cargo delivery to <i>Mir</i> by Shuttle	<p><u>Co-Chair</u> (RSC-E) Pavel Mikhailovich Vorobiev</p>	<p><u>Co-Chair</u> Sharon Castle</p>

Table 1.1 Cont.

Working Group (WG) Number and Name	Area of Responsibility	Russian Chair (through most of the program)	NASA Chair (through most of the program)
WG-1 Public Affairs Working Group	Plans, coordinates and implements all public affairs activities.	<u>Co-Chair (MCC-M)</u> Valeriy A. Udaloy	<u>Co-Chair (Headquarters)</u> Debra Rahn
WG-2 Joint Safety Assurance Working Group (JSAWG)	Evaluates safety requirements of the <i>Mir</i> /Shuttle Program, analyze off nominal situations, and review cargo safety	<u>Co-Chair (RSC-E)</u> Boris Ivanovich Sotnikov	<u>Co-Chair</u> Gary W. Johnson
WG-3 Flight Operations and Systems Integration Working Group	Develops flight programs, crew work schedules, and control, communications, and systems integration requirements. Performs analytical integration and operation analyses.	<u>Co-Chair (RSC-E)</u> <u>Lead Mir Flight Director</u> Vladimir Alekseyevich Solovyev <u>Deputy Lead Mir Flight Director (RSC-E)</u> Victor Dmitriyevich Blagov <u>Deputy for <i>Mir</i> Integration (RSC-E)</u> Yuri Pavlovich Antoshechkin	<u>Shuttle Operations Co-Chair</u> Philip L. Engelauf <u>Shuttle Integration Co-Chair</u> George Sandars
WG-4 Mission Science Working Group	Develops scientific programs and experiments, and requirements for scientific equipment.	<u>Co-Chair (RSC-E)</u> Oleg Nikolayevich Lebedev	<u>Co-Chair</u> John Uri
WG-5 Crew Training and Exchange Working Group	Develops requirements for crew functions, programs, schedules and crew training.	<u>Co-Chair (RSC-E)</u> Aleksandr Pavlovich Aleksandrov <u>Co-Chair (GCTC)</u> Yuri Petrovich Kargopolov	<u>Co-Chair</u> William C. Brown <u>Crew Representative</u> Shannon Lucid

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Working Group (WG) Number and Name	Area of Responsibility	Russian Chair (through most of the program)	NASA Chair (through most of the program)
WG-6 Mir Operations and Integration Working Group	Coordinates the hardware integration, training, and operations activities of NASA hardware on Russian vehicles, for the <i>Mir</i> stand-alone operations (no Shuttle involved)	<u>Co-Chair</u> (RSC-E) Oleg Nikolayevich Lebedev	<u>Co-Chair</u> Rick Nygren
WG-7 Extravehicular Activity (EVA) Working Group	Defines the EVA requirements and the hardware required to support the EVAs.	<u>Co-Chair</u> Aleksandr Pavlovich Aleksandrov	<u>Co-Chair</u> Richard Fullerton
WG-8 Medical Operations Working Group	Defines requirements for health care systems in support of astronauts and cosmonauts involved in cooperative missions.	<u>Co-Chair</u> Valeri Vasilyevich Bogomolov (IBMP) <u>Co-Chair</u> (GCTC) Valeri Vasilyevich Morgun (GCTC)	<u>Co-Chair</u> Roger Billica <u>Co-Chair</u> Tom Marshburn