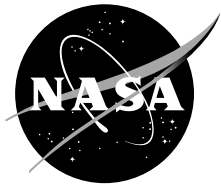
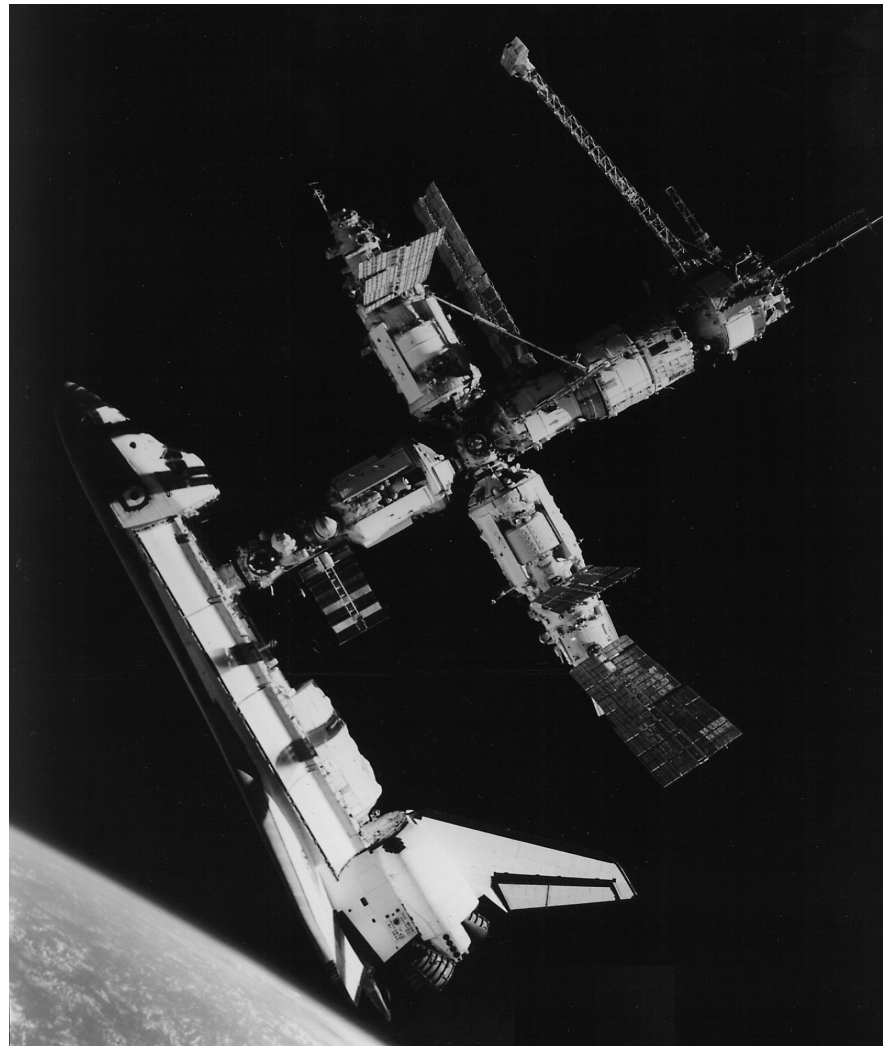


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# Phase 1 Program Joint Report

*George C. Nield and Pavel Mikhailovich Vorobiev, Editors*



January 1999

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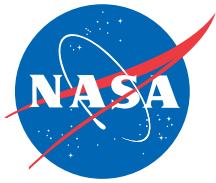
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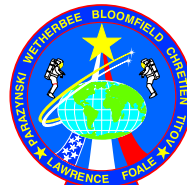
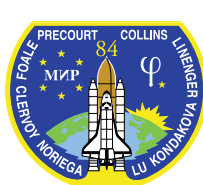
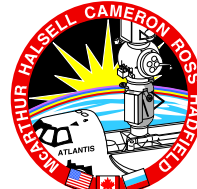
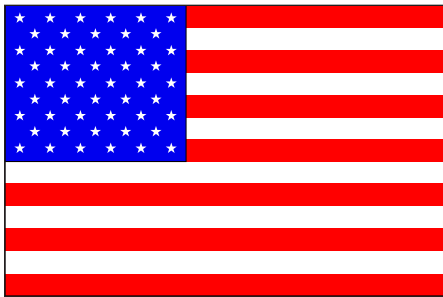
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# Phase 1 Program Joint Report

*George C. Nield and Pavel Mikhailovich Vorobiev*  
*Chief U. S. Editor Chief Russian Editor*



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## PREFACE

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This report consists of inputs from each of the Phase 1 Program Joint Working Groups. Most of the material was written and agreed to during a Team 0 Management Working Group Meeting at the NASA Johnson Space Center, July 13-16, 1998. For this report, the Working Groups were tasked to describe the organizational structure and work processes that they used during the program, joint accomplishments, lessons learned, and applications to the International Space Station Program. The primary authors for each section are listed at the beginning of the section, along with a list of the members of the related Working Group. At the conclusion of the meeting, the Russian and American Working Group Chairmen, or their designated representatives, approved the technical content of their sections. Editing of the report has primarily been limited to formatting and layout changes. Although having multiple authors resulted in some overlap and style differences between the sections, it offered the significant advantage that each subject area write-up was prepared and approved by the appropriate technical experts.

The report is intended to be a top-level joint reference document that contains information of interest to both countries. Detailed scientific and technical results, crew consensus reports, and material that only apply to a single country's programs or operations are to be published separately.



**Participants in the Team 0 Management Working Group meetings held prior to launch of STS-89**

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