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STS-71 COSMONAUT SHUTTLE FUNCTIONS/RESPONSIBILITIES

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STS-71 Cosmonaut Shuttle Functions/Responsibilities

During the flight on the Space Shuttle, the cosmonauts will perform the following functions:

1.0 Functions of Russian cosmonauts during the mission.

- 1.1 Use life-support systems and communications systems in nominal and selected off-nominal situations.
- 1.2 As required, to be proficient in the use of re-adaptive aids such as recumbent seats, pneumatic lower body compression garment, etc.
- 1.3 Use onboard systems in accordance with directions from the flight commander.
- 1.4 As required, conduct communications with the ground.
- 1.5 Egress of vehicle under all conditions for prelaunch, launch, entry, and postlanding following either nominal or off-nominal landing.
- 1.6 As requested, participate in public affair activities.
- 1.7 Perform Team 0 approved science activities upon informed consent of crew member.

2.0 Requirements for preparation of a Russian cosmonaut.

- 2.1 It is highly desirable for cosmonauts to have English proficiency such that critical nominal and off-nominal situation communications can be accomplished.
- 2.2 As required, based on mission procedures for Mir 18 and 19 crews, the Russian cosmonaut must be able to ingress/egress the Space Shuttle.
- 2.3 After landing or abort, must be able to egress according to either nominal or crash/rescue procedures for Mir 18 and 19 crews.
- 2.4 The cosmonaut should be familiar with the sequence of activities associated with an assigned mission phase, standard procedures on systems that will be used, and off-nominal systems and procedures for egress.
- 2.5 Train for performing science activities as specified in Document 5003, Mir/Shuttle Science Methods.

3.0 Accountabilities and responsibilities of the Russian cosmonaut.

- 3.1 The Russian cosmonaut carries the responsibility to perform the functions specified in section 1 and requirements specified in section 2.
- 3.2 In the event it is necessary to use backup systems, the Russian cosmonaut must act in accordance with the directions provided by the flight crew commander.
- 3.3 While the Russian cosmonaut is onboard the Space Shuttle, he is responsible to fulfill all the requirements of the onboard flight documentation in accordance with his functions, flight commander instructions, and, as required, flight director requests.
- 3.4 Russian cosmonaut will participate in post-flight debriefing and report preparation.