

JOINT EXPERIMENT “ZAREVO” AND EQUIPMENT OF INTERNATIONAL SPACE STATION FOR ITS IMPLEMENTATION

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Abstract: The Space Experiment (SE) “Zarevo” implemented within the framework of the joint Russian–American program for conducting experiments onboard the International Space Station (ISS) is a vivid example of international cooperation in science and technologies and a good indication that the goals and objectives of international teams onboard the ISS are identical. This paper presents the concept of SE “Zarevo,” onboard equipment, and the actions of the crew in the course of experiment preparation and implementation. Also presented are the main results obtained.

Keywords: International Space Station; space experiment; droplet combustion; microgravity

DOI: 10.30826/CE18110401

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Received December 05, 2017

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