

IAF HUMAN SPACEFLIGHT SYMPOSIUM (B3)
Interactive Presentations - IAF HUMAN SPACEFLIGHT SYMPOSIUM (IP)

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SIRIUS-19

Abstract

SIRIUS-19 is a 32-minute documentary film that follows the six participants of the first SIRIUS analog astronaut mission that occurred in 2019.

The mission took place in Moscow's Institute for Medical and Biological Problems, a division of the Russian Academy of Sciences, and included four Russian participants and two American participants. Researchers from NASA selected the American participants and also designed many of the 80 experiments that the crewmembers performed during isolation.

Like other analog missions, the purpose of the SIRIUS mission is to understand how long-term isolation affects humans, both physically and psychologically. Led by Russian cosmonaut Evgeniy Tarelkin, this international crew performed remarkably well over their four-month isolation.

My documentary focuses on interviews with the six crewmembers before and after the mission, in order to tell their isolation experience in their own words. The film also uses footage from inside the mission to show audiences what life is like in a deprived environment, and how the crewmembers used friendship and humor to make it livable.

Ultimately, the purpose of this film is to show that human space exploration not only requires substantial research into the human body and psychology, but that it is an international effort that is the highest representation of cooperation between nations. Indeed, creation of this documentary was an international effort that is a small representation of

The film is primarily in Russian with English-language subtitles. To view the film, please click here - <https://drive.google.com/file/d/16oEDe_BivTLA_c0DzGtLJj6lBXrZqQ23/view?usp=sharing>

The film will be completed in two weeks after I receive my final audio files from my sound engineer. Please do not hesitate to contact me if you have any questions or would like to view the final version.