

BUSINESS INNOVATION SYMPOSIUM (E6)  
Interactive Presentations (IP)

Author: Mr. Oleg Aleksandrov  
AVIASTAR Inc www.aviastar.us, United States, oleg@aviastar.us

NEW TECHNICAL AND BUSINESS PROJECT OF PRIVATE SELF-PAYBACK PILOTED  
EXPEDITION TO PHOBOS AND MARS.

**Abstract**

The report will be devoted to the plan of realization of the super-cheap private scientific geological piloted expedition to Mars and its satellite Phobos. The concrete technical and business concept of the piloted complex will be shown and approximate dates of start are designated. And also the subject of possible other cheap options of expeditions to Mars will be continued:

1 . Extremal expedition Earth-Mars in 69,7 days with stay on a Fobos Deimos and Mars within several months. The project distinguishes extremal braking in the atmosphere of Mars. For return to the earth it is planned to use sensational fuel..... normal soil of a Fobos or Deimos! 2 . Project expedition Earth-Mars of 110 days and 144 days. in the project the newest and reliable system of landing to Mars will be used. For relocation on a planet it is planned to use a piloted rover and some variant of aircrafts and even helicopters. 3 . The project of piloted expedition to Mars in which is planned to use original devices for fuel production on Mars a Fobos or Demos. 4 . The expedition project to Mars with use of a solar sail. 5 . The expedition project to Mars in which is planned to use International Space Station modules! 6 . The project of expedition of International Space Station to Mars with its landing on the Fobos or Demos. 7