

*Bigelow Aerospace's Past Accomplishments,
Present Activities, and Future Plans*

Future In-Space Operations (“FISO”) Presentation

July 1, 2015

<http://spirit.as.utexas.edu/~fiso/archivelist.htm>



NASA's Inflatable Beginning



An Old Idea Made New Again

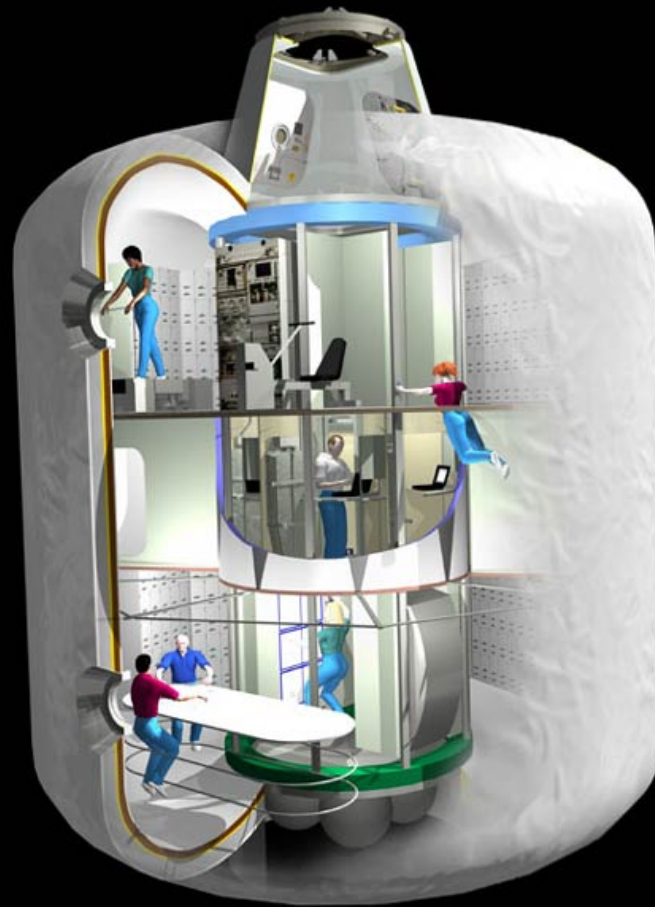


Space Station
NASA Langley Research Center

12/15/1961


Image # EL-2000-00415

TransHab



The Genesis Missions





Mission Control
Las Vegas Nevada



Genesis I

- Launched on July 12, 2006 by ISC Kosmotras from the new Yasnny Launch Base in the Orenburg Region of Russia
- Genesis I validated BA's fundamental engineering concepts and proved the deployment process
- Genesis I demonstrated expandable habitats' long-term durability and provided BA flight controllers with invaluable experience in on-orbit operations



Genesis I Firsts

- First launch by Bigelow Aerospace
- First launch of an expandable space habitat prototype into orbit
- First launch of a single, large payload aboard the Dnepr
- First launch from the new Yasnny Cosmodrome in Russia



Genesis I







Launch of Genesis II on Dnepr LV from Yasny Launch Base



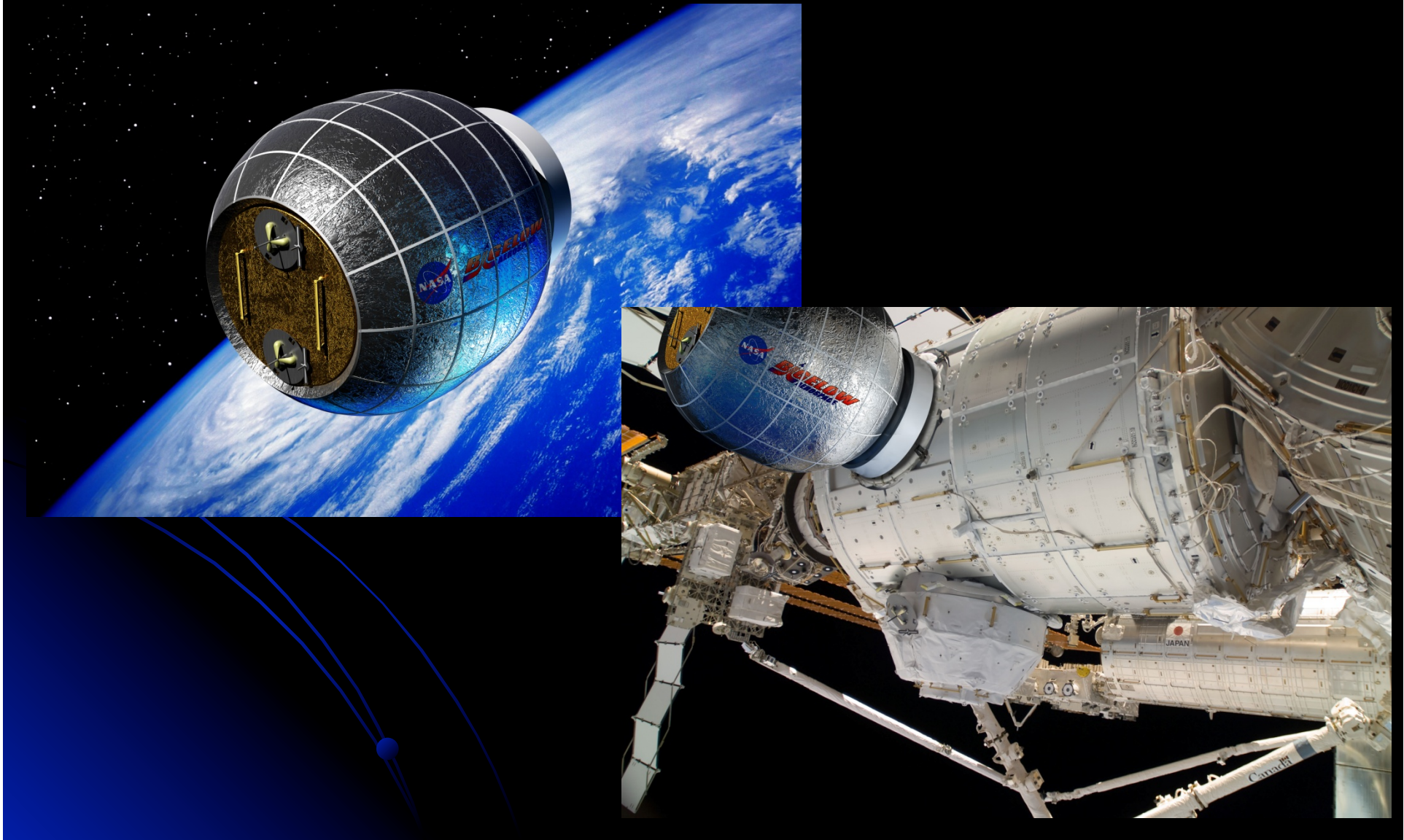
Genesis II

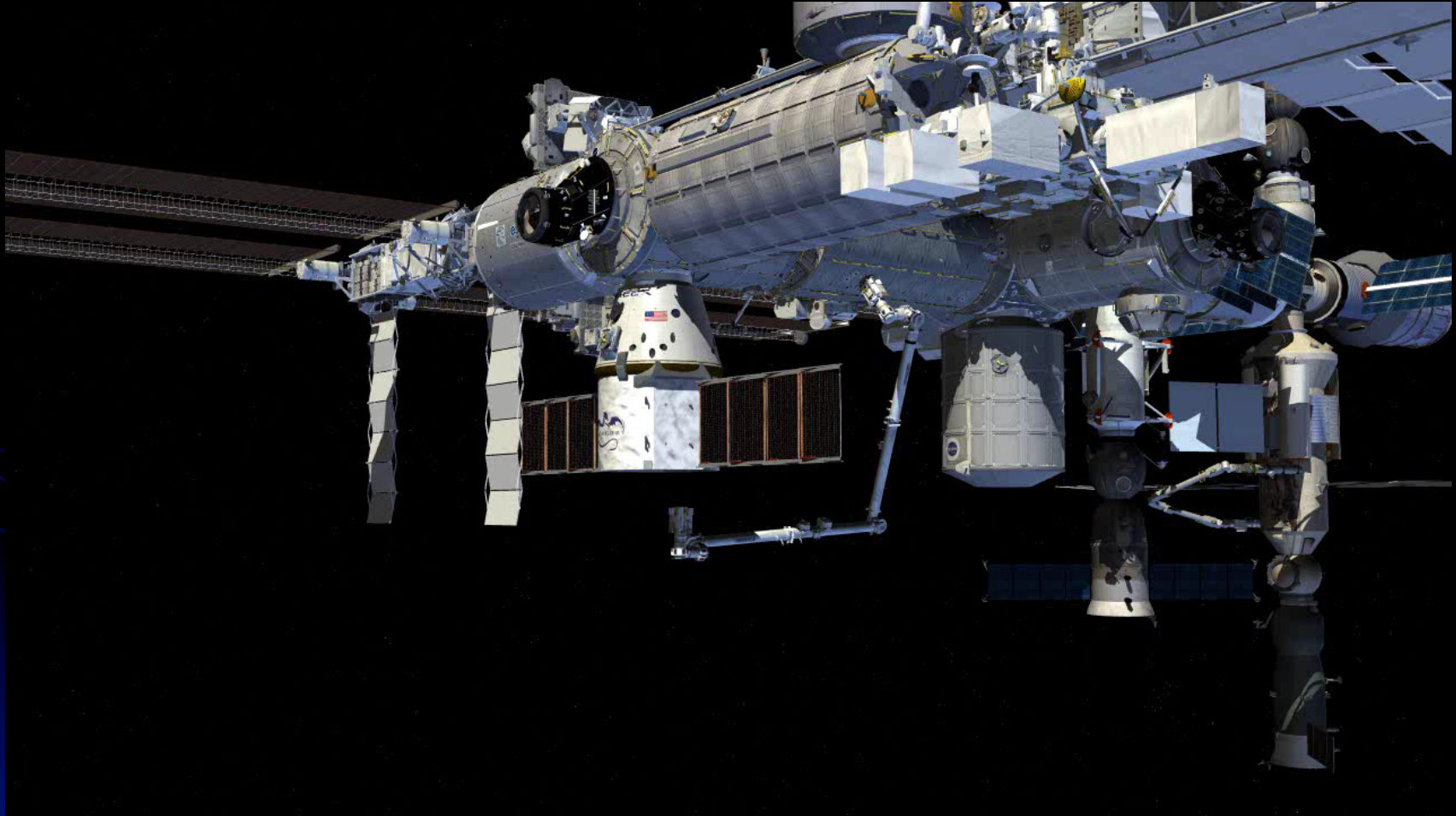


Genesis II Surprise

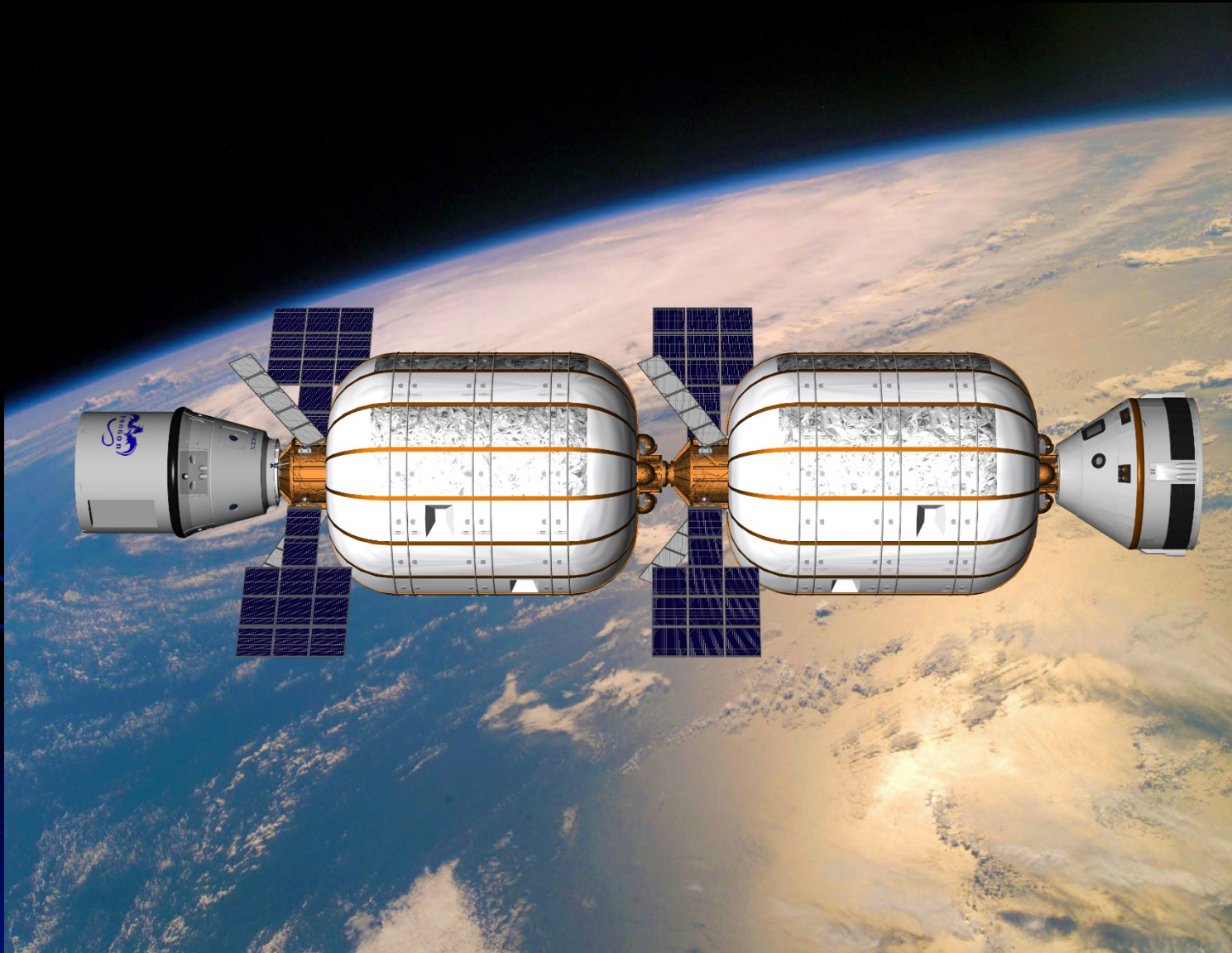


BEAM Me Up



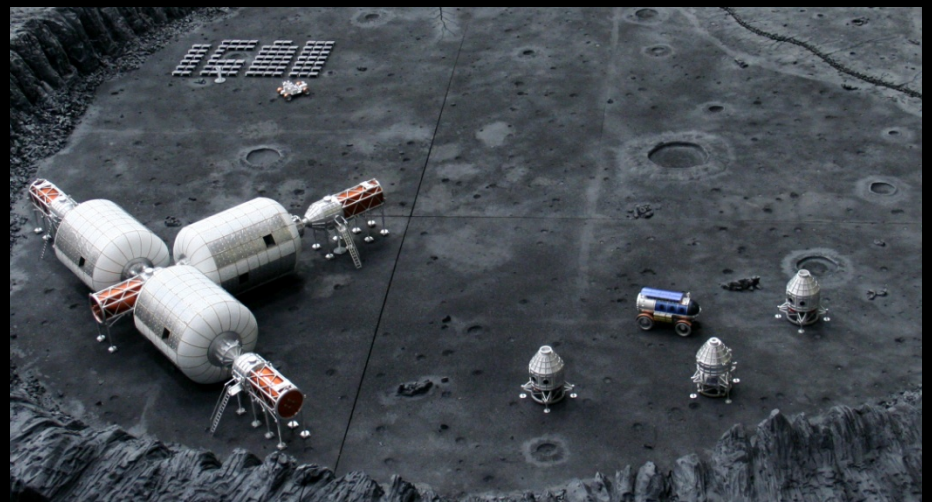
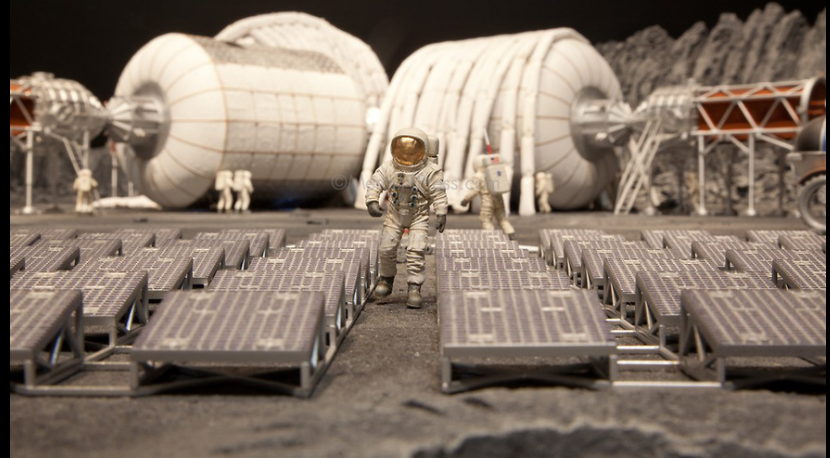


B330



Beyond LEO Exploration

- Volume
- Radiation
- Physical Debris
- Trace Contaminants
- Less Mass
- Less Money





BIGELOW[®]
AEROSPACE.COM

The logo features the word "BIGELOW" in a bold, italicized, sans-serif font with a red-to-orange gradient. A stylized rocket is integrated into the letter "I". Below it, "AEROSPACE.COM" is written in a smaller, white, sans-serif font. The background is black with a blue gradient at the bottom left and several white dots representing stars. Three blue orbital paths with circular nodes are visible in the lower-left quadrant.