

66th International Astronautical Congress 2015

HUMAN SPACEFLIGHT SYMPOSIUM (B3)
Governmental Human Spaceflight Programs (Overview) (1)

Author: Mr. William H. Gerstenmaier

National Aeronautics and Space Administration (NASA), United States, william.h.gerstenmaier@nasa.gov

THE GLOBAL EFFORT TO EXPAND HUMAN PRESENCE INTO THE SOLAR SYSTEM

Abstract

NASA is committed to expanding human presence into the Solar System. With a developing fleet of complementary vehicles and capabilities- including the International Space Station, the Space Launch System, the Orion crew capsule, an expanding suite of commercial vehicles, and the most advanced space communications network ever fielded- NASA and its international partners are well positioned to begin pioneering deeper into space than ever before. As we apply lessons and techniques learned on ISS, including the current one-year crew increment, to long-distance and long-duration spaceflight, we are reliant on our integrated system to advance the frontier of human knowledge and experience.