

**The Johnson Space Center
NATIONAL MANAGEMENT ASSOCIATION**

**Spotlight Member of the Month
Mark Bowman
Payload Integration Specialist**

Mentioning that Mark Bowman has over 20 years of experience in engineering, hardware development and integration, project management, supervision and international negotiations in support of the U.S. manned space program does not tell nearly enough about Mark's involvement with NASA. Mark has been fascinated with the space program nearly all his life. His father worked for an aerospace contractor, and from a very young age, Mark wanted to be a part of the space program. Mark recalls that when his dad took a job on the Shuttle program and the family moved to the Clear Lake area in 1974, it was like a dream come true. A youth leader at his church was an astronaut, and one of Mark's fondest memories is taking a tour of JSC with him and his Boy Scout troop and climbing into the Apollo Mission Simulator. A graduate of Clear Lake High School, Mark has been an area resident for most of the past 30 years.

After college and a two-year mission for his church in South America, Mark started working in the Space program in 1983 as an engineering technician for a small disadvantaged business. After two years there, he spent 17 ½ years supporting the Life Sciences Directorate in a number of capacities related to the development and integration of life sciences hardware and experiments while working for KRUG Life Sciences (KRUG became Wyle Life Sciences in 1998). Mark was responsible for a number of major hardware projects, and also supported life sciences and biomedical mission operations, including crew training, pre- and post-flight data collection, and real-time mission monitoring in the Mission Control Center.

In 1994 Mark was named the Wyle Liaison for Russian Hardware Integration. Mark, his wife and 2 children lived in Russia from December of 1994 through February of 1997, while he represented NASA as a liaison to the Russian Space Agency for Phase 1 Integration and Operations and for Phase 2 CHeCS hardware. He also served as the U.S. lead in Russia for bilateral safety review of U.S. research hardware flying on Mir, participated in training of Mir crewmembers on U.S. hardware, and performed real-time mission monitoring and troubleshooting in the Russian Mission Control Center.

Upon returning to the U.S., Mark led the integration of Crew Health Care Systems (CHeCS) hardware onto the Russian segment of the International Space Station and was named the Wyle Assistant Program Manager, Flight Hardware Development in 1999. In 2002, Mark joined NASA as a Payload Integration Specialist in the ISS Payloads Office. Mark is currently assigned to the OZ3/Payload Engineering Integration Branch, where his responsibilities include definition and management of payload interface requirements, oversight of verification activities to assure compliance with those requirements, and management of development and sustaining engineering for program-provided hardware for ISS Payloads like stowage lockers and cold stowage systems.

Mark has received many awards for his enthusiastic support of the space program through the years, including:

- NASA Performance Award, 2003
- Rotary National Award for Space Achievement - Stellar Award, 2000
- Phase 1 Program Expeditionary Award, 1996
- Krug Life Sciences Distinguished Service Award, 1995
- "Silver Snoopy" Astronaut's Achievement Award, 1989

Mark first became involved in NMA as a Charter Member of the Wyle-Houston NMA Chapter, serving as the initial Vice President and as President during the 1990-1991 year. Mark attends the JSC NMA chapter meetings whenever he is in town and enjoys all the speakers, especially those with current event management topics.

Mark has a B.S. (*cum laude*) from Excelsior College (formerly Regents College) and an M.S. (*with distinction*) in Technical Management from Embry-Riddle Aeronautical University. Mark is fluent in both Spanish and Russian. He has spent more than 6 hours weightless in almost 20 flights aboard NASA's KC-135 research aircraft. He enjoys travel, reading, astronomy, language study, music, golf, snow and water skiing. Mark became an Eagle Scout while still in high school and he remains active in scouting as a Scoutmaster for his son's Boy Scout troop. Mark still lives in the Clear Lake area – in fact, he recently purchased and moved back into the same house that he lived in while in high school. He is married to Lisa and has two children; a son, Jordan, age 17 and a daughter, Megan, age 14.