



Wanda A. Sigur
Vice President and Deputy
Civil Space
Lockheed Martin Space Systems Company

Wanda Sigur is the deputy to the Vice President & General Manager of the Civil Space line of business for Lockheed Martin Corporation's Space Systems Company. In this role Sigur has executive responsibility for critical national space programs relating to human space flight and space science missions; including planetary, solar, astrophysical, and Earth remote sensing for civil government agencies. Some of these major programs include the Orion Multi-purpose Crew Vehicle, Hubble and Spitzer space telescopes, GOES-R weather satellites, Juno, GRAIL, MAVEN, Mars Reconnaissance Orbiter, Mars Odyssey, and OSIRIS-REx planetary missions, and the company's nuclear space power programs. Sigur also currently serves on the Board of Directors for the NDIA (National Defense Industrial Association),

Sigur has a breadth of experience and knowledge of both human space flight and planetary exploration systems from her prior roles with Lockheed Martin. Previously, she was Vice President of Engineering with responsibility for personnel development, engineering process development and deployment, and product technical validation, with emphasis on ensuring operational excellence and first-time-right engineering. In this role she supported programs across the entire Space Systems Company portfolio including space exploration missions, human spaceflight, weather, military and commercial satellites, missiles, and classified programs. Prior to that, she was Vice President of the Space Shuttle External Tank Project for Space Systems at NASA's Michoud Assembly Facility in New Orleans.

Beginning her Lockheed Martin career as a materials engineer in 1979, Sigur has taken on increasingly difficult engineering and management roles. In 1993, she became the Tank Weld Assembly team lead for the new Super Lightweight Tank project. In the mid-90s Sigur led the successful development of the aluminum lithium tank weld assembly, responsible for a weight-saving initiative designed to reduce 7,500 pounds from the Space Shuttle program. Notably, she served as the ET Columbia Accident Investigation lead, a role that earned her team recognition from NASA for turning the program around. In 2005, she was named program manager for the External Tank program, responsible for the Return to Flight effort following Hurricane Katrina. Her team's efforts resulted in production rates that exceeded pre-Katrina levels within three months.

She has received numerous awards, including the Black Engineer of the Year award for Career Achievement in 2008 and the 2007 Rotary National Award for Space Achievement (RNASA) Stellar Award, the National Space Club award for Manned

Space Flight and Outstanding Rice University Engineering Alumnus. *New Orleans CityBusiness* named her one of the “Women of the Year” in the New Orleans area. A native of New Orleans, Sigur holds a Bachelor’s degree in mechanical and materials sciences and engineering from Rice University and a Master’s in business administration from Tulane University. She is a member of the Society for Women Engineers and has published papers on a variety of subjects.

July 2012