SpaceOps 2010 Abstract Form

Do not extend beyond this one page.
Do not change font size (11).
Text-based symbols are OK, but embed fonts
*Graphics are **not** OK.*
Read the Author's Kit for more details.

Keywords: (add keywords that describe your topic)

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Add only **Y** for Yes in the brackets **[ ]**, N's are not needed. We encourage flexibility - both oral and poster forums have their strengths. See website.

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Your Abstract Title: Integration of Ares I-X Ground System Modifications with Space Shuttle Operations

Your Author list: Billy Stover – NASA, KSC

Your Abstract text:

This discussion will focus on the development and implementation cycles and their respective challenges of accommodating and integrating with Space Shuttle Operations. There is a difference during the development and implementation cycles while trying to still operate an ongoing program within the same facilities and infrastructure. Due to this unique environment requirements are generated from outside Ares I-X that have significant impacts on design and implementation of those designs. Impacts are technical, schedule, and cost. So in this unique environment besides dealing with changing test flight vehicle changes the system (hardware and team members) must be flexible enough to accommodate operational and manifest changes while still maintaining delivery and performance requirements. The purpose of this session will be to highlight some of these challenges and identify the lessons learned from this experience.