

Production Process Improvements

- The SPC Panel is currently focused on verification and documentation of the preservation process requirements of 009-32.
 - Salt Mitigation
 - Data loggers
 - Cost of QA
 - CQATK (paperless paint)
 - Graduated QA (Speed pass)

WHAT IS NEXT ?

- Our collaborative effort must move forward to maintain our value in FY-12.
- Surface preparation and coating have not changed in over 30 years at the spray/blast nozzle.
- The Coating Community has increased training and quality.....How do we increase through put by increasing the number of square feet per hour processed?

Possible Robotic Solutions

- Chariot Robotics
 - Remote operated UHP surface preparation for hulls and freeboards. Working units in production. Demo in BAE Systems Norfolk Aug. 6th 2010.
- Visions East
 - Robotic arms mounted on dock floor tracks along the length of the hull. Map the surface, end effectors are changed from surface prep to paint. Technology transfer from automotive industry, working unit in Swedish Yacht manufacturer yard.
- MAEE system
 - Manually operation hi reach takes over @ 2 feet from the hull freeboard to optimize the capture of overspray from paint operations. Coordinated boom lift technology combined with a rental hi reach to maintain the stand off distance to the substrate and increase the square feet processed per hour by the painter working with this type of containment .

SPC needs additional possible solutions for increasing productivity

QUESTIONS ?

Presentations and videos from today's presentations will be available upon request.