



NAVSEA STD ITEM 009-32

MAINTENANCE ISSUES

12 YEAR DRYDOCKING
COATING LIFE CYCLES
TRAINING
DATA COLLECTION
SSRAC



12 YEAR DRYDOCKING



THIS HAS BEEN DRIVEN BY MISSION TEMPO
AND SCARCE RESOURCES

MAINTENANCE DOLLARS ARE NOT
AVAILABLE

ONLY EMERGENT REPAIRS CHANGE
OPERATION PERIODS

SHIPS MUST BE READY TO SURGE AT A
MOMENTS NOTICE

COATING LIFE CYCLES



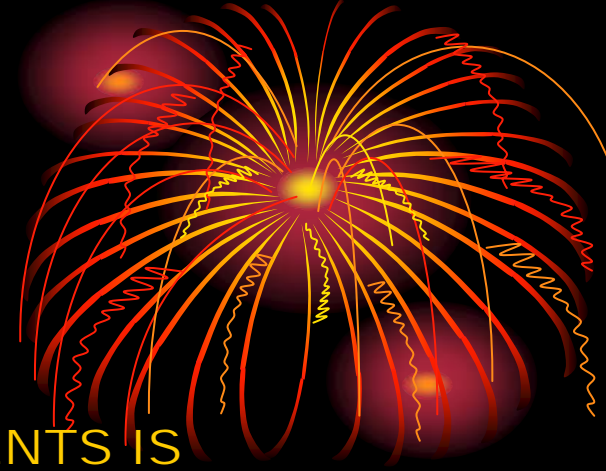
- NO LONGER IS MAINTENANCE "REGULAR"
- WHEN THE WINDOW OF OPPORTUNITY COMES OPEN MAINTENANCE MUST BE PERFORMED
- PERIODICITY PERIODS ARE BEING CHANGED DUE TO THIS
- TO RECEIVE THIS BENEFIT WE MUST INSTALL CORRECTLY THE FIRST TIME
- COST IS JUSTIFIED IF WE GET THE PROJECTED LIFE CYCLE

TRAINING



- NO ONE LIKES THE REQUIREMENTS TO TRAIN
- TRENDS SHOW WE ARE IN FACT GETTING BETTER
 - BETTER TRAINED PERSONNEL
 - QA OVERSIGHT
- A TRAINED WORKFORCE IS PROFITABLE BUT HARD TO MAINTAIN
 - ABILITY TO KEEP THEM (WORK LEVELS, WAGES, COMPANY POLICIES)

DATA COLLECTION



- THE ONLY WAY TO REDUCE REQUIREMENTS IS THROUGH DATA COLLECTION TO SHOW THE PROCESS IS IN FACT BEING FOLLOWED
- THE REQUIREMENTS HAVE ALWAYS BEEN REDUCED WHEN THE DATA SUPPORTS THIS
- BOTTOM LINE - FORCE THE WORKERS TO PERFORM TO THE STANDARDS THAT YOU HAVE TRAINED THEM TO
- THERE WILL ALWAYS BE TIMES WHEN ALTERNATIVES MUST BE CONSIDERED "BUT"
 - THIS SHOULD NEVER BE THE OBJECTIVE STARTING OFF
 - PLAN PROPERLY TO AVOID THIS
 - WEAK LINK THEORY
- WILL NOT SHOW SUPERIOR PRODUCT OUTPUT BUT IT WILL SHOW THAT YOU'RE "PROVIDING WHAT IS REQUIRED"
- QA TOOLS IS NOW MAKING THIS SOME WHAT BETTER

SSRAC 009-32




- SSRAC PURPOSE IS "TO ESTABLISH THE USE OF STANDARD SPECIFICATIONS IN PREPARATION OF WORK ITEMS...AND TO ORGANIZE AND DEFINE THE RESPONSIBILITIES FOR DEVELOPMENT, REVISION, AND CONTROL OF THESE STANDARD SPECIFICATIONS"
 - ENSURES APPROPRIATE CONTRACT LANGUAGE IS USED IN TRANSMITTING TECHNICAL, QUALITY, AND ENVIRONMENTAL/SAFETY REQUIREMENTS TO THE CONTRACTOR OR AIT
 - NAVSEA TECHNICAL WARRANT HOLDER FOR SPECIFIC WARRANTED AREA WILL BE MEMBER OF CORRESPONDING TECHNICAL SUBCOMMITTEE
 - REPRESENTATION BY EACH PRIVATE INDUSTRY PARTNER LIMITED TO ONE REPRESENTATIVE PER SUBCOMMITTEE
 - STEERING COMMITTEE ACTS ON RECOMMENDATIONS RECEIVED FROM SUBCOMMITTEES AS THE FINAL POINT IN THE DECISION MAKING/APPROVAL PROCESS
 - DECIDES ISSUES THAT CAN'T BE RESOLVED BY SUBCOMMITTEES OR THOSE BEYOND THE SCOPE OF ANY ONE SUBCOMMITTEE

SSRAC 009-32

- THE PROCESS IS DEVELOPED BY US ALL (FLEET N434 NAVSEA 05P, RMC'S, NAVAL SHIPYARDS, CONTRACTORS COATING MFG REPRESENTATIVES)
- ANYONE CAN SUBMIT A CHANGE PROPOSAL
 - ALL SUBMITTED PROPOSALS ARE CONSIDERED
 - SUPPORTING INFO TO BE SUBMITTED WITH THE PROPOSAL
 - THEY CAN PRODUCE A WAKEUP CALL TO US ALL SOMETIMES
- TIMELINE FOR SUBMITTAL MUST BE ADHERED TO
 - MILESTONES PUBLISHED WITH MEETING ANNOUNCEMENT
- MONUMENTAL AMOUNT OF WORK DONE IN A SHORT TIME
 - ATTENDEES MUST DO THE RESEARCH PRIOR TO MEETING DAY
- SOME ISSUES ARE ONLY FOR THE TECHNICAL AUTHORITY (05P) TO MAKE THE FINAL CALL
 - MAY NOT LIKE IT BUT THE GOVERNMENT HAS THE FINAL SAY
 - INDUSTRY PARTNERS HAVE NO VOTE BUT INPUT IS EXTREMELY IMPORTANT TO US





I'M HERE AT THE REQUEST OF ONE OF YOUR MAJOR CONTRIBUTORS. THE INPUT OF CONTRACTORS IN THE SOUTHEAST REGION IS AN ONGOING PROCESS THAT WE VALUE AND HAVE BEEN PROACTIVE IN THIS PROCESS FOR MANY, MANY YEARS. I HAVE BEEN THE CHAIRMAN OF 009-32 SUBCOMMITTEE FOR 20+ YEARS AND HAVE HEARD IT ALL. WE HAVE GONE THROUGH MANY 05 REPRESENTATIVES AND THE CURRENT GROUP AT THE TOP IS THE BEST AT LISTENING TO OUR NEEDS WE HAVE EVER HAD. I ALWAYS LOOK AT THE CHANGE PROPOSALS WITH OPEN EYES AND TRY TO APPLY COMMON SENSE TO THEM AS MANY OF YOU KNOW. IT MUST BE UNDERSTOOD THAT SOME THINGS TAKE TIME. FOR EXAMPLE WE STARTED THE PAPERLESS/QA TOOLS IDEA SOME 12 YEARS AGO AND THROUGH THE HELP OF EQUIP MFG'S, ETC., WE HAVE TURNED THE CORNER AND ARE ALMOST THERE. YOU MAY NOT SEE WHAT WE ARE ENGAGED IN SOMETIMES BUT TRUST ME, THERE IS A FUTURE PURPOSE FOR IT. YOUR INDUSTRY HAS CHANGED MONUMENTALLY OVER THE LAST 20 YEARS AND TECHNOLOGY MANDATES YOU TO GET

ON THE BUS OR GET RUN OVER!