



Electric Technologies Panel Project: Cable Tag Reduction

Project Technical Update

NSRP ETP Meeting, Philadelphia, 6/28/10

High Level Goals and Deliverables



- Offer history of cable tag use: why, when and where used
- Show where savings opportunities lie through
 - Tag usage reduction
 - Using other technologies in conjunction
 - Other methods, materials
- Investigate people's opinions on tag use through surveys
- Present technologies that augment tag usage benefits
- Deliver report of findings and recommendations

Overall Summary

Monthly Goals

- Complete survey draft
- Receive cost information from NASSCO and NN
- Format information on spreadsheets

Monthly Accomplishments

- Obtained a lot of information regarding cable tag costs, installation, trial card information, for DDG 51 Class
- Opened communications between project members at NN, NASSCO and BIW
- Started obtaining info. on scanners

90 Day Look Ahead

- Request a hand held scanning unit for evaluation (currently have some literature; need to contact vendors)
- Distribute survey to home port in Norfolk
- Start receiving survey responses
- Start evaluating survey results

Issues to Address

- none

Completed Work

- We have gathered data from our Electric Shop, Procurement, Cost Engineering, Trial Card Departments
- Started receiving information from Newport News and NASSCO
- We have values and estimates for each of the items listed below

Cable Tag Material Cost

Catalog #s

Unit price

Unit measure

Unit # bought (yearly)

of individual Tags/ year

Estimated % discarded/lost

On final ship (after waste)

Total \$/year

Man Hours

Stamping

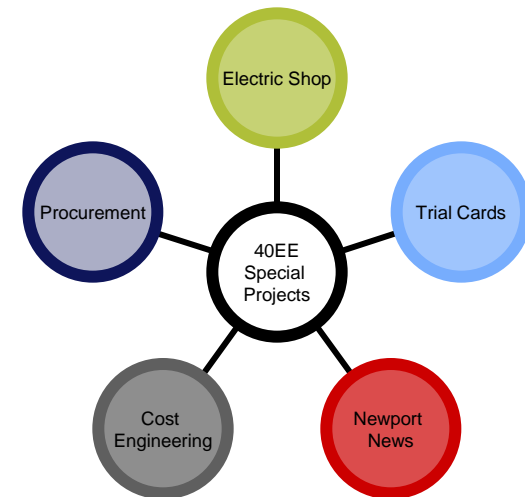
Bending

Installing

of cable tag trial cards per ship

Cost of closing out one trial card

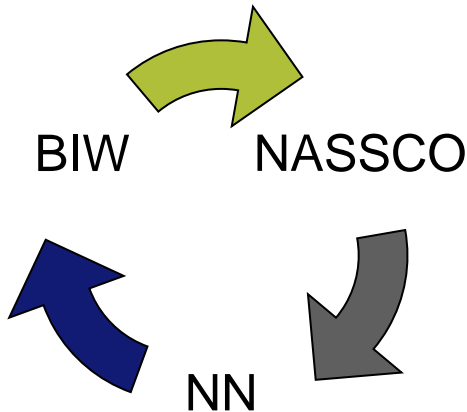
Total \$/year



Targeted: Total Current Cable Tag Cost per DDG

Present Work

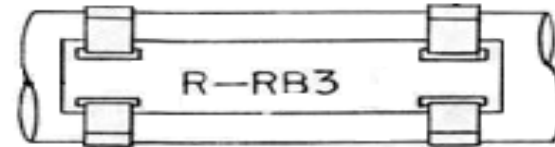
- In regular contact with Newport News and NASSCO.
- Leveraging work already completed and receiving updated data from Newport News and NASSCO.
- Standardizing the arrangement of all three shipyards' data as it comes in.
- Generating a survey to distribute to groups internally and externally. Will work with other yards on the formats
 - This survey aims to collect information on:
 - Cable tag uses and corresponding examples
 - How tags are used during normal operation
 - How tags are used during emergency
 - Number of tags used, nominal
 - Possible alternative methods to address tag uses



Current and Future Ongoing Work

Data

- Format the data the same in an easy to navigate master spreadsheet.
- Data will include
 - Current cable tag related costs
 - Estimated new systems addressing same needs
 - Total savings per ship



Surveys

- Distribute surveys
- Retrieve and review surveys
- Assess results
- Gather and organize survey data
- Provide relevant interpretations

Assess Data, Trial Products And Generate Reports



Questions?