

# SHIPBUILDING AND REPAIR

## A DYNAMIC ENVIRONMENT



## NASSCO Safety Program Elements

- OHSAS18001 Certified
- Actively Caring
- 6 Area specific Safety groups including engineering
- Ownership
- Focus on leading indicators



- OHSAS18001 Certified  
Transitioning to ISO45001  
this year



- Actively Caring
- Behavior based principles
- 6 Area specific Safety groups including engineering
- Instilling ownership in each NASSCO employee



- Focus on leading indicators
  - Number of consults prior to work
  - Number of JSAs documented prior to work
  - Number of special training sessions
  - Number of Safety Process improvements( 248 ergo suggestions)
  - Number of good catches
  - Safe site inspection identifies safe and at-risk conditions and behaviors



Setting the Rudder Pin

## REPAIR WORK PRESENTS A UNIQUE CHALLENGE

USS Bonhomme Richard (LHD-6) is a **Wasp-class amphibious assault ship**, and the third United States Navy ship of that name. It was named in honor of John Paul Jones' famous frigate, which he had named the French language equivalent of "Good Man Richard," in honor of Benjamin Franklin, the U.S. Ambassador to France at the time.





# Navy Ship Repair and the Interface with our Customer

## NAVFAC INTERFACE DURING SHIP REPAIR

- ▶ Manages all pier facilities while we work at the base.
  - ▶ Power distribution
  - ▶ Ship access (ramps, brows, platforms)
- ▶ Inspects all cranes working on base prior to the start of work
  - ▶ Inspection includes rigging gear (clamps, shackles, slings)

# Safety is Covered by Many of the 124 NAVSEA Standard Items

009-01 General Criteria; accomplish

009-05 Temporary Access

009-07 Confined Space Entry, Certification, Fire Prevention  
and Housekeeping;

009-08 Shipboard Fire Protection and Fire Prevention;  
accomplish

009-10 Asbestos-Containing Material

009-74 Occupational, Safety and Health Plan;

009-88 Collection, Holding and Transfer (CHT) and Motor  
Gasoline(MOGAS) Tanks, Spaces, and Piping, including  
Sewage or MOGAS Contaminated Tanks, Spaces, and Piping



# Major Emphasis- Prevention of Shipboard Fire 009-08

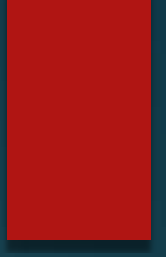
## Control Measures

- Hot work Permits
- Fire watch Training and placement
- Permit Authorizing Individual- start up and mid shift inspection
- Fire fighting Systems

## Challenges

- Over 300,000 Hours worked per month much of those hours are hot workhours
- Very dynamic environment "Safe this morning does not mean its safe now"
- Fire watches are typically new to the ship repair world
- Recent influx of 800-1000 new employees
- Enthusiastic over sight by our partners SWRMC requires perfect execution every time.

## The Benefits of Close Oversight by SWRMC



More eyes on the work activity

Emphasis comes from someone other than the same old safety guys

Forces continuous improvement which is the core of our principles

Encourages the development of different strategies to ensure accuracy/compliance

Opens lines of discussion between safety professionals and workers with a common goal...

**THE PREVENTION OF SHIPBOARD FIRES AND THE  
PROTECTION OF THE SKILLED WORK FORCE**