

# Background

- The Navy's need to re-capitalize is limiting the availability of resources which can be allocated to readiness.
- We must maintain current mission and readiness capabilities while preparing for the future.
- Our maintenance, supply, and repair communities must work together to optimize material availability in the most cost effective manner.

# Maintenance Goal

- The fundamental goal is for the Fleet maintenance community to be able to make informed decisions regarding utilization of scarce maintenance resources.

# Supply Goal

- The fundamental goal for the Navy supply chain is to ensure:
  - Right Part
  - Right Place
  - Right Time

# Repair Goal

- The fundamental material repair goal is to perform maintenance/repair at the maintenance echelon that can best ensure proper accomplishment, taking into consideration applicable laws, urgency, priority, crew impact, capability, capacity and total cost.

# Objectives

- To optimize at the *Navy* level
- To be cost effective
- To maintain an emphasis on readiness

# Logistics Readiness Triangle

Maintenance

**READINESS**

Inventory  
Supply Chain

Procurement  
Repair Cycle

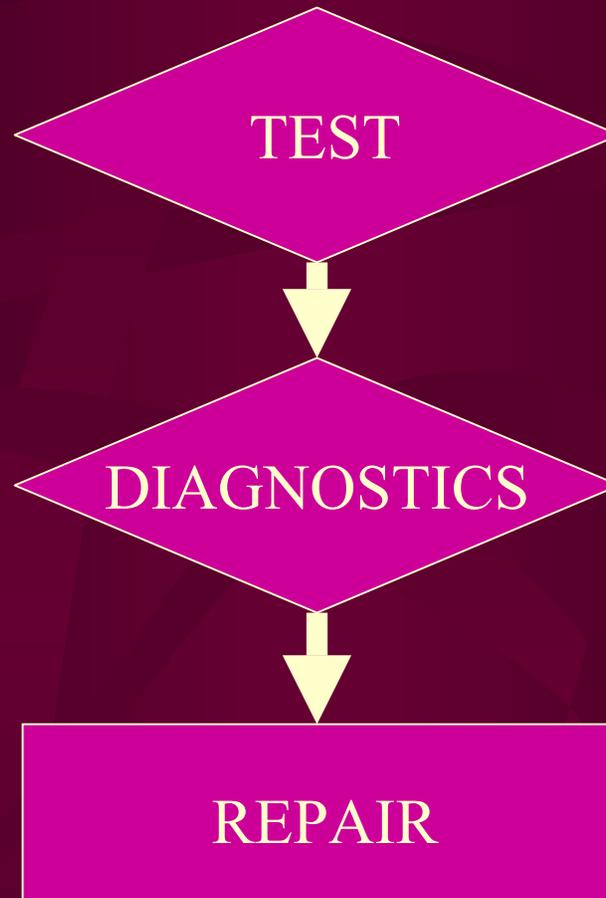


# Obstacles

- Uncertainty
  - What can be repaired ?
  - Where should it be repaired ?
  - How Long will it take ?
  - What will it cost ?
- Not everyone is on the same page
  - Lack of common vision
  - Lack of common focus
  - Lack of Proper Prioritization
  - Stovepipe interests

# Three Elements of CCA Repair

Diagnostics seeks to isolate the failure to specific components or other failure mechanisms



Test determines if an item performs its intended function within its prescribed parameters.

Repair is the removal and replacing components or other forms of physical repair

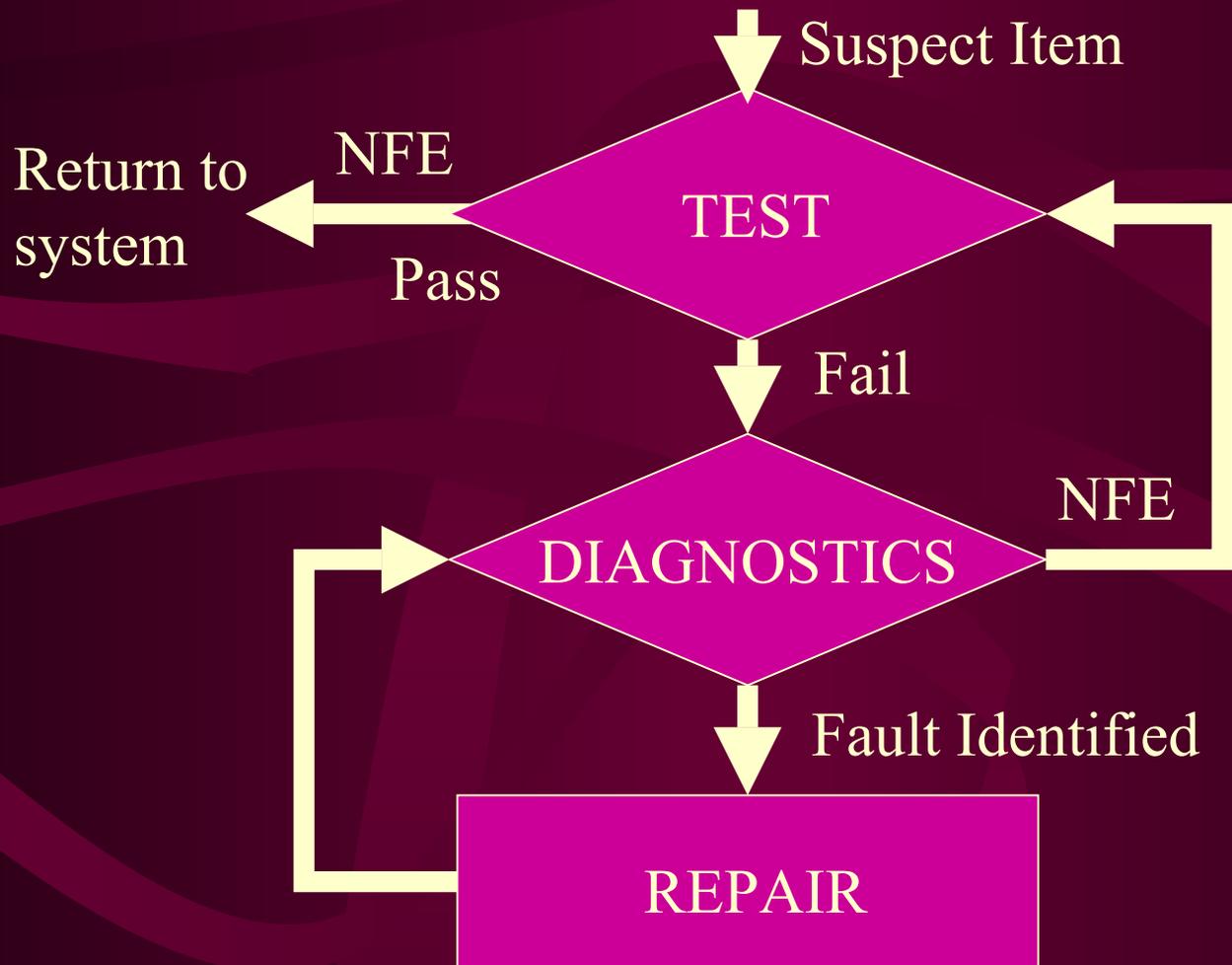
# Pump Analogy

- Test: Does it pump water? (Y/N)
- Functional Test
  - Does it pump water?
  - If so:
    - How much?
    - How fast?

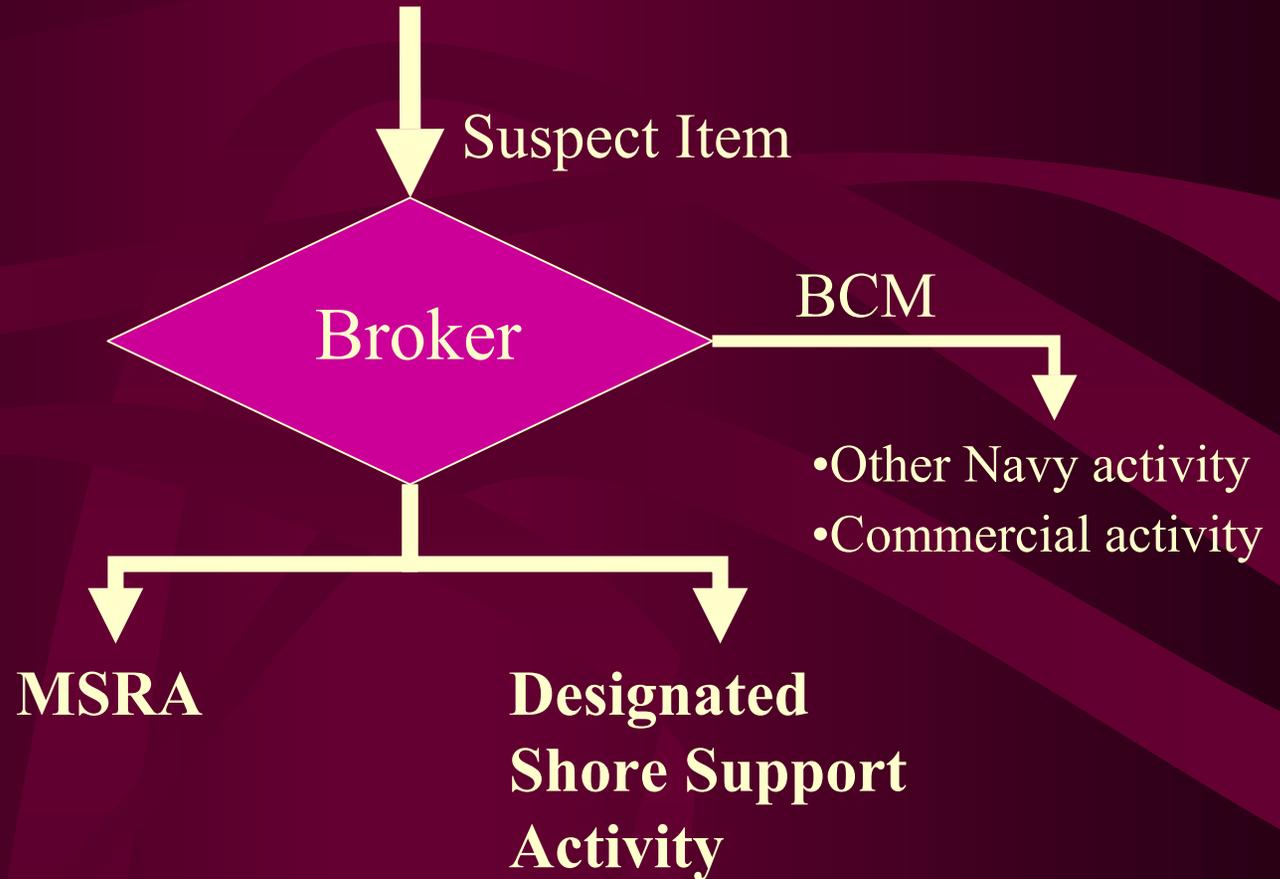
# Many Forms of Functional Test

- Automatic Test Equipment (CASS, Teradyne)
- Hot Test Bed (system mock-up)
- System from which the item was removed
  - Built In Test
  - Most common form of test for Gold Disks

# Test and Repair Process



# CPF Maintenance Broker



# Maintenance Partnering

## MSRA

- Performs most test and repair
- Develops Silver and Gold Disks
- Performs routine equipment maintenance

## Shore Support

- Provides overflow test and repair support
- Develops TPSs and Gold Disks
- Performs non-routine equip. maint. and updates
- Engineering / ISEA support

# What can we do ?

- Create a common vision
- Work together
- Build on success
- Prioritize
- Work within our communities

# Brainstorm

- What is our vision
- What are our successes
- What can we do within OUR OWN communities
- Prioritize
- Milestones