

# MILITARY SEALIFT COMMAND



## Corrective Maintenance (Repair)

12 MAR 2019

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# Lesson Objectives

- **Create or Approve one of the different types of Corrective Maintenance items**
  - Work Request
  - Ships Force Work List (SFWL)
  - Voyage Repair Request (VRR)
- **Add Equipment, Parts, and a PM to a Corrective Maintenance item**
- **Complete a Corrective Maintenance Item, properly documenting**
  - Man Hours
  - Closeout Notes
- **Locate an Archived Corrective Maintenance Item**



# Corrective Maintenance

**Corrective Maintenance is for documenting unplanned maintenance.**

- Equipment not functioning properly
- General Maintenance outside of Planned Maintenance system
- Desire for improvement

## **Level of Control:**

Total Control – Change Type/Create/Modify/Archive - Chief Engineer, other Senior Engineering Officers, Senior Deck Officers

Limited Control – Create/Modify/Archive - Senior Officers/Junior Officers

No Control – Work Requests only - Junior Officers, other departments.

Level of Control is determined by Company Policy/Chief Engineer.



# Work Requests

Methods for requesting maintenance that needs to be completed:

- Email
- Post-it Note on the door
- Verbal communication “in passing”
- Or Use the Work Request feature in SAMM.



# Vessel Work Requests

## Work Request in SAMM

- Replicates shoreside
- Document inter-departmental requests
- Each work request is assigned a number and is tracked
- Tracks denied work requests



# External Work Requests

Fleet-wide Safety Notices, SMART inspection discrepancies come in as Work Requests

Condition Monitoring alerts now come in as Work Requests:

- Lube Oil
- Vibration
- Reciprocating Analysis



# Approved CM Items

## Ship's Force Worklist Item (SFWL)

Approved Corrective Maintenance item that can be completed by Ship's Force

## Voyage Repair Request (VRR)

Approved Corrective Maintenance item that requires outside assistance

- Labor (special expertise)
- Parts (parts not onboard)
- Tools (specific tools, shipyards, etc..)



# VRR Discussion

VRRs have 2 components, Afloat and Ashore

- The Port Engineer works on the Ashore VRR Documentation, through contracting (if needed) and the availability
- The VRR is not considered complete unless the Chief Engineer completes the Afloat VRR Documentation





# Completing Repairs

The correct final status for CM items:

## Work Request

- Denied
- Approved – changed to SFWL or VRR

## SFWL / VRR

- Cancelled
- Completed – History entry with good comments



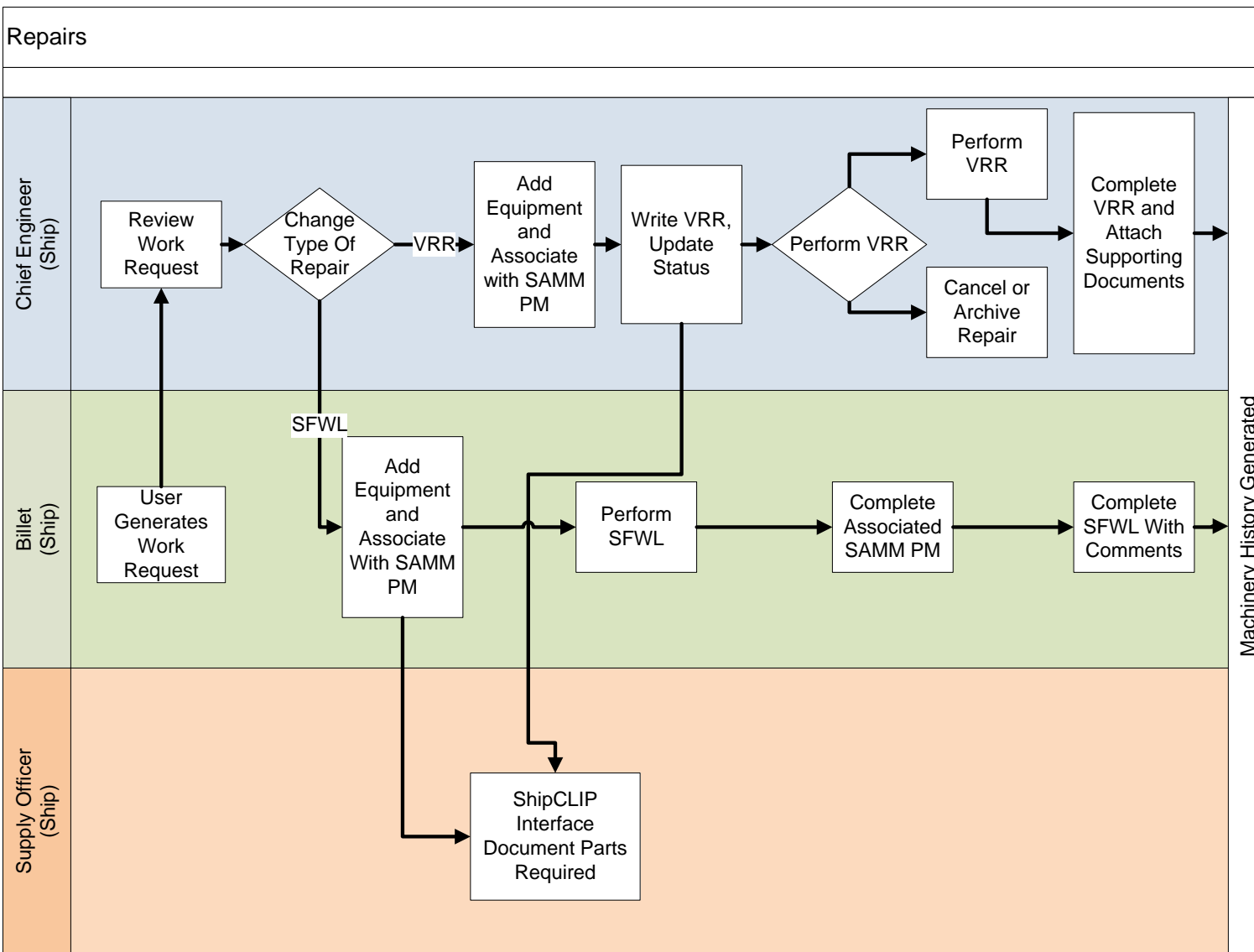
# Archiving Repairs

Archiving does not delete, it adds a filter “flag”.  
Normal view filters out Archived items.

- Many vessels have CM Items that are archived that are neither Cancelled/Denied or Completed.
- They count against the vessel in RITEMOV metrics.



# Corrective Maintenance Flowpath



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OPR: N7



# Exercises

1. Create or approve one of the different types of corrective maintenance items
2. Add equipment and parts to a Corrective Maintenance Item
  - Open "Repair", sort by "Repair Type", Select "Work Request"
  - Approve "WR18-0020 – Replace studs and clips on flight deck grating" and convert to SFWL, assign it to the Cargo Engineer (Billet 305-2).
  - Approve "WR17-0224 – Shipboard Mounted Binoculars" and convert to VRR, requesting the Binoculars be sent to a repair facility or replaced if unable to repair.
  - Find "VR18-0028 and select "New from Current", and create a new VRR to overhaul the other 5 cylinders on that same engine.
  - Create a New SFWL to replace the belt on the Marine Sanitation Device blower, assign it to billet 308-3.



# Exercises

3. Complete a Corrective Maintenance item properly documenting the Man-Hours and close-out notes.

Find SF18-0226 “#3 LTFW Pump Suction Gauge” and Complete it.

Add 1 hour from Billet 303, 1 A/E (for parts research+ordering)

Add 2 hours for Billet 336, Eng Utility (for actual installation)

Indicate that Gauge mounting bolts broke and had to find new in order to install.

4. Locate an Archived Corrective Maintenance Item

Filter by “Repair Type”, and select “Work Request”

Search for all Work Requests that were completed and archived

Export the list as a spreadsheet onto Desktop “Completed Archived Repairs.xls”



# Corrective Maintenance Review

Any further Questions on Repair?