

Abstract

- Many United States Naval ships require a predetermined inventory of MAMs to troubleshoot failed equipment installed onboard. MAMs are high-value assets that require 100% inventory validity to help reduce equipment downtime. Fleet Logistics Center, San Diego, has raised concerns due to declining MAM inventory accuracy results onboard Naval ships in the Pacific Fleet.



An electronics technician 3rd class (ET3) from the USS Mahan (DDG 72) identifies two separate circuit card assembly (CCA) faults.
<https://www.doncio.navy.mil/chips/ArticleDetails.aspx?ID=4209>



https://commons.wikimedia.org/wiki/File:US_Navy_ships_in_parade_formation_c1987.jpeg

Methods

- Primary means of data collection was through questionnaires emailed to Supply Officers currently serving onboard Cruisers (CGs), Destroyers (DDGs), Navy Landing Platform Docks (LPDs), and Dock Landing Ships (LSDs) in the Pacific Fleet.
- Secondary means of data collection was a thorough review of existing policies and procedures of MAMs, inventory management, and Integrated Logistics Overhaul (ILO) practices.

Results & Their Impact

- MAMs are no longer managed by the Supply Officer in RSUPPLY; however, they are still responsible for the overall program. MAMs are now managed by various Department Heads within OMMS-NG, which was not designed as an inventory management system and lacks various capabilities of RSUPPLY.
- Current MAM procedures and policies do not enforce good inventory practices due to the lack of formal inspections by Afloat Training Groups or other agencies that would hold ships responsible for MAM inventory accuracy.
- The ability to properly maintain, track and inventory MAMs onboard ships will result in a cost savings to the Navy by increasing inventory accuracy and reducing downtime of equipment.



https://en.wikipedia.org/wiki/Logistics_specialist#/media/File:Logistics_Specialist_aboard_USS_George_H.W._Bush.jpg

Recommendations

- More emphasis on MAM inventories during Supply Management Inspections
- Including MAM spot checks in other inspections on ships, such as Maintenance and Material Maintenance (3M) certification
- Update policy to provide better guidance for MAMs management during ILO
- Conduct further studies on the transition of MAMs inventory from OMMS-NG back to RSUPPLY