

U.S. ARMY MATERIEL COMMAND
LOGSA
SUPPORTING WARFIGHTERS GLOBALLY

POST FIELDING SUPPORT ANALYSIS (PFSA)

Aug 11



SUSTAINING THE ARMY THROUGH THE MATERIEL LENS...

CONFRONT CHALLENGES -- CONQUER ADVERSITY -- SOAR TO EXCELLENCE!



Post Fielding Support Analysis



Application Overview

PFSA is an integrated analysis capability used in sustainment of weapon systems and to support PMs/MSCs in analyzing and improving supportability of fielded weapon systems.

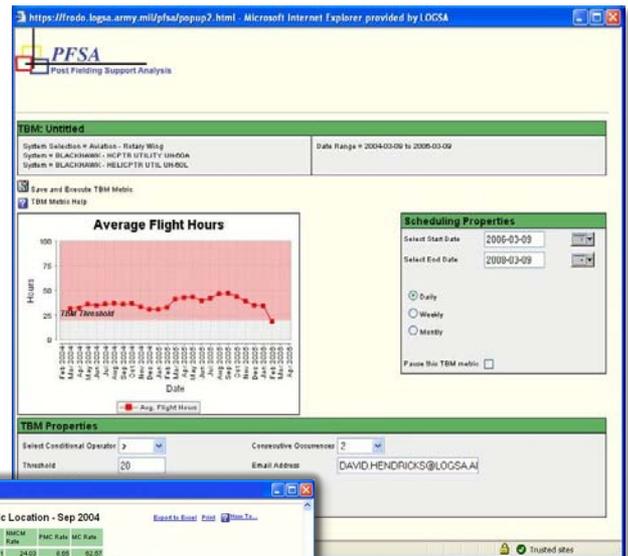
Benefits

- Provides Weapon System View
- Support Fleet Management
- Metric Tracking/Analysis
 - Trend Analysis
 - Forecasting
 - Trigger Based Analysis
- Weapon System Assessment
- Based on Field Performance Data

Decision Support for Leadership

PFSA is a "Re-engineering Logistics" initiative developed to improve communication and logistics support between the PEO/PM and MSC communities for Army combat systems and provides a statistical method for tracking logistics metrics throughout a weapon systems life cycle.

PFSA a weapon system field assessment capability that will provide the "health and wealth" of a system over time based on readiness, supply, maintenance, and usage.



The screenshot shows a data table titled "Readiness Rates by Geographic Location - Sep 2004". The table has columns for Date, Total Vehicles, FMC Rate, NMCS Rate, NMCM Rate, FMC Rate, NMCS Rate, and MC Rate. The data is organized into several sections, including a summary for SEP 2004 and a detailed breakdown by UIC (Unit Identification Code) with descriptions and various readiness metrics.





Purpose/Benefit of PFSA



- **Fleet management decision support tool**
 - Robust data access and analysis capability
- **Provides capability to assist logistics managers in gathering, calculating, and displaying metrics, products and reports**
- **Centralized location for managers to access reports**
 - Hosted in LOGSA's LIW
 - Increases visibility of day to day operations
 - Minimizes human induced errors
 - Saves time in distribution of information
- **Scalable, flexible system**
 - Can incorporate nonstandard data sources to accommodate unique metrics/requirements
- **Allows for better management, analysis and tracking of assets**



PFSA Flexibility



- Can be tailored for specific management requirements
- Focuses on PM Community
- Supports Specific Customer fleet and assets
- Access controlled by Customer Office
- Can be developed and sustained within secure (SIPR) environment
- Can integrate Customer unique data input sources



Post Fielding Support Analysis (PFSA)



- **Decision support tool designed to provide a fleet management view of Army systems and equipment**
 - Accesses current and historical Army data
 - Allows for statistical analysis of past performance
 - Provides metric tracking capability
 - Graphical depiction of metrics (Rapid identification and isolation of equipment/support issues)
 - Trend analysis
 - Drill down progression
 - Comparison capability of
 - Fleets
 - Units
 - Individual items
 - Time periods
- **Looks at data from the weapon system perspective**
- **Provides metric calculations defined by users**
 - Equipment Availability/Readiness
 - Maintenance Burden
 - Equipment Fielding
 - Manpower Utilization
 - Asset Tracking
 - Parts usage



Ability to Utilize Unique Data sources



- **Some equipment data not available via standard systems**
 - Equipment reporting via contractor unique data systems
 - Items supported by OEM
 - CLS supported items
 - QRC Items
 - COTS Items
 - PM unique systems/procedures
 - Readiness reporting
- **Solutions:**
 - Establish feeds from non-standard sources
 - Allow for customer data input
- **Can be technically complex and resource intensive**



PFSA Current Status



- **PFSA "Standard" Tool**
 - Developed for CH-47 PO
 - User defined fleets
 - Displays Readiness, Usage, Manpower, Demands
 - Metrics trending
 - Drilldown capability
 - Trigger based metrics notification

Currently 300+ registered users



PFSA Future Plans



- **Performance Based Logistics Module**
 - Tracking of PM Defined PBAs
 - Data displays include Availability, CWT, MDT
 - Drilldown capability
 - Metrics trending
- **Condition Based Maintenance Module**
 - Collaboration with CECOM CBM+
 - Developing requirements
 - Pilot completion July 2012



PFSA Sample Display

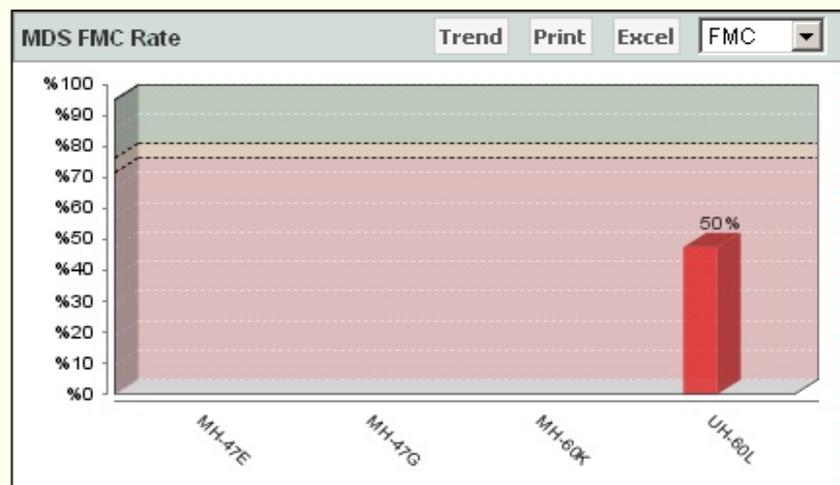
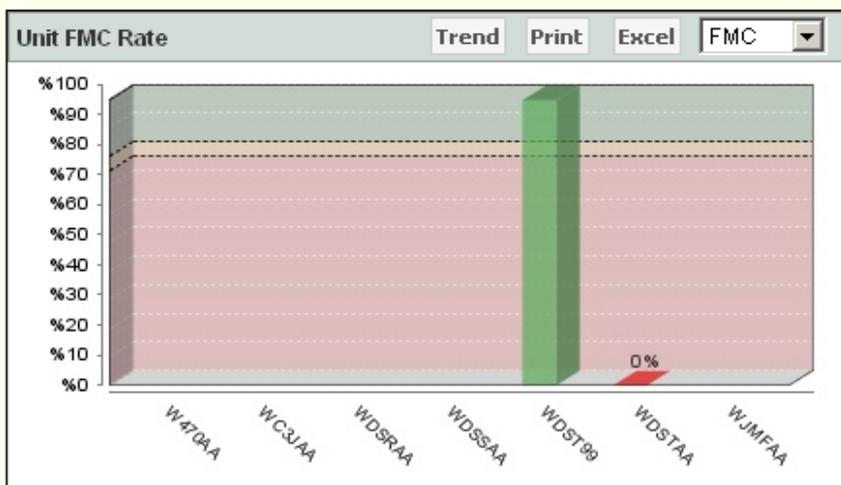
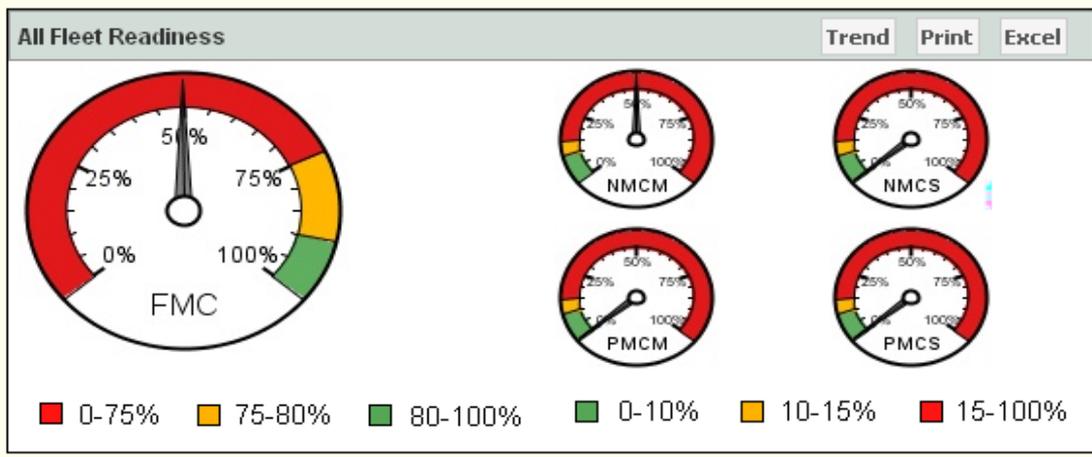


PFSA Post Fielding Support Analysis

Home | Fleet Mgmt Dashboard | Data Entry Menu Sensitive But Unclassified Version: 3.2.11

Select PBA:

Reporting Period:





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