



USMC Materiel Readiness

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USMC Materiel Readiness

- Readiness reports are updated weekly
 - Marine Corps Integrated Maintenance Management (MIMMS) is the primary source program
 - MC Bulletin 3000 lists equipment to be reported on (Major End Items, only)
 - Includes Combat Essential Equipment
 - MIMMS feeds data to SORTS

$$\text{Readiness} = \frac{\text{Possessed-Deadlined}}{\text{Possessed}}$$



Reportable TAMs

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OEF After Action Comments

- Warranties
 - “USMC Clause”
- Contractor Logistics Support
 - “Contractors will not go beyond Theater Aerial/Sea Port of Debarkation”
- Early ops had decreased maintenance workload
 - Sustained Ops dependent on distribution



Readiness by Category

UNCLASSIFIED

Equipment Status 18 Oct 02
* MCREM *

USMC

MCB-3000 TAMs
(as of 11 Oct 02)

Equipment Class	# of TAMs	Auth items	Onhand items	S-rating (% Auth)	OpRdy items	R-rating (% OH)
Comm/Electronics (A-TAMs)	70	29,543	29,588	95.2%	28,300	95.6%
Engineer (B-TAMs)	43	12,762	13,180	96.7%	12,148	92.2%
General Supply (C-TAMs)	1	9	9	100.0%	7	77.8%
Motor Transport (D-TAMs)	21	20,565	20,708	95.5%	18,851	91.0%
Ordnance (E-TAMs)	46	19,134	19,535	98.4%	18,523	94.8%
TOTAL	181	82,013	83,020	96.3%	77,829	93.7%

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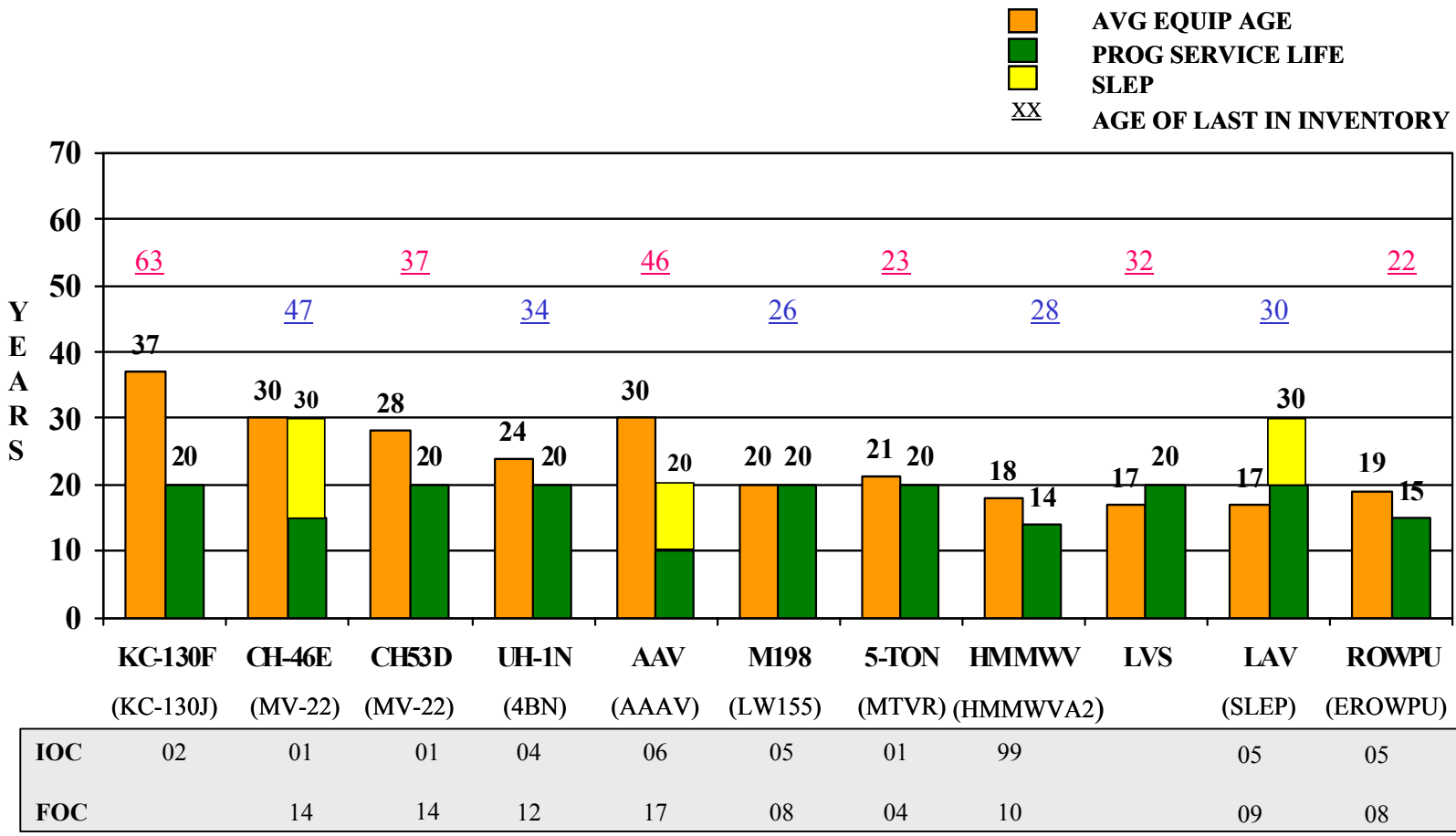


Readiness Factors

- Aging Equipment
 - AAV 20 years beyond expected service life (last in service will have 46 years)
- Obsolescence
 - M-198 Howitzer
 - H-46 Medium Helicopter
 - AN/TPS-63 Radar
- Personnel Turnover
 - 18% Reenlistment of 1st Term Mechs
- Supply
 - NMCS rate 38% (of total deadlines)
- Cannibalization
 - Not significant for overall ground equipment



Selected Aging Equipment



IOC	02	01	01	04	06	05	01	99	05	05
FOC		14	14	12	17	08	04	10	09	08



What Are We Doing

- Focus on Capitalization (equipment modernization)
- CBM+
 - Using sensors for prognostic/diagnostic information and/or equipment condition
- PMCS changes
- Collapse of Echelons of Maintenance
 - Consolidate at Intermediate Level
- Personnel
 - Knowledge Capture



The Way Ahead

- Better Business Practices
- Depot Maintenance/Partnerships
- ILC
 - Collapse Echelons of Maintenance
 - SecRep Management
- Autonomic Logistics
- Repair Cycle Time (RCT) Focus
 - Process improvement using Warfighter Portal

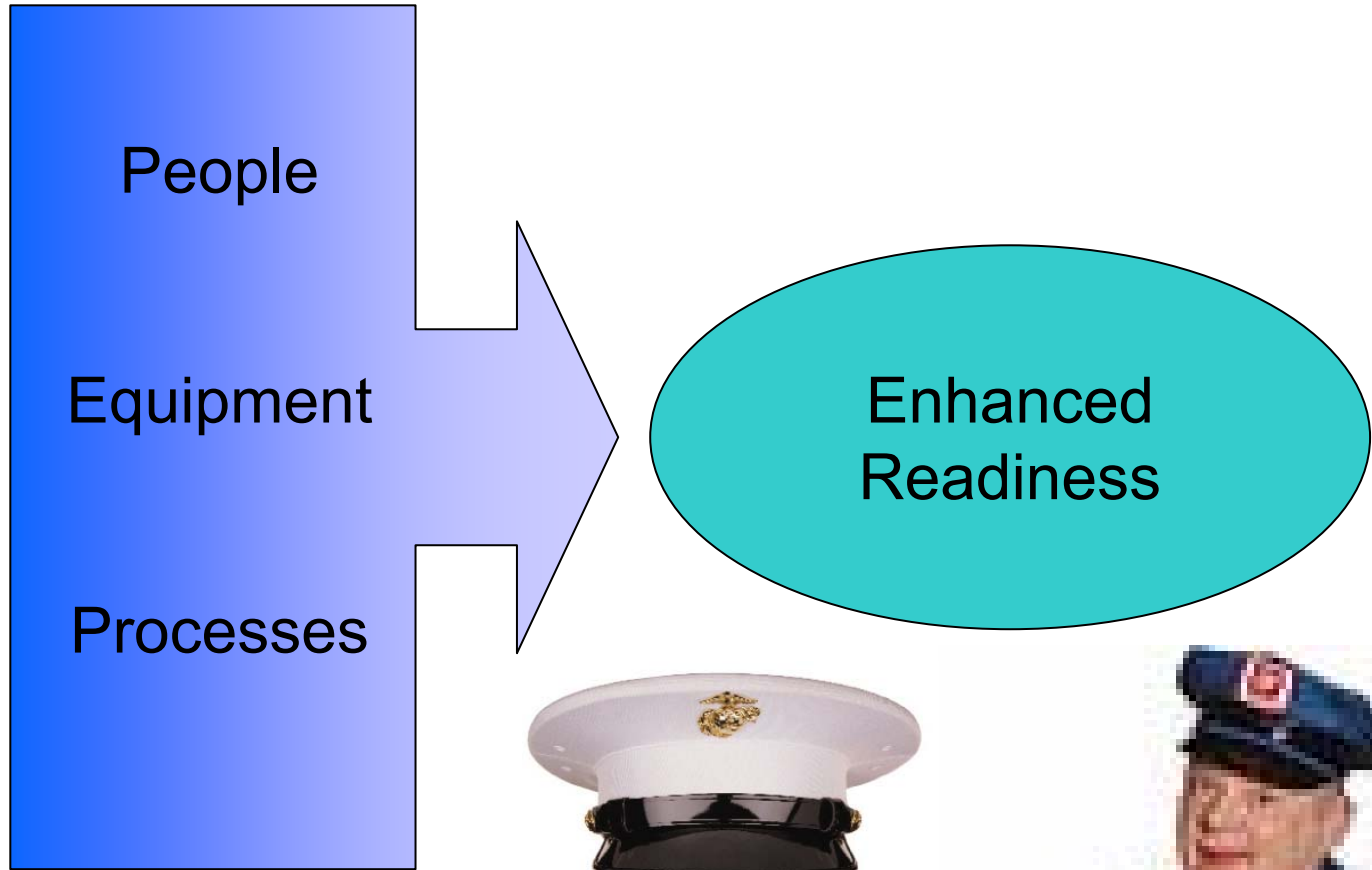


The Way Ahead

- TLCLM
 - Autonomic Logistics
 - CBM+
- Educational Alliances
 - Penn State School of Business



The Result



DEPARTMENT OF THE NAVY
UNITED STATES MARINE CORPS

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