



DEPARTMENT OF THE NAVY
HEADQUARTERS UNITED STATES MARINE CORPS
2 NAVY ANNEX
WASHINGTON, DC 20380-1775

IN REPLY REFER TO:

11000

LFL

28 OCT 2004

MEMORANDUM FOR CHAIR MAINTENANCE SUB-GROUP OF THE INDUSTRIAL
JOINT CROSS SERVICE GROUP

Subj: SERVICE QUESTIONNAIRE FOR 2025 FORCE STRUCTURE
ADJUSTMENTS

Ref: (a) IJCSG Maintenance Sub-group memo of 27 Sept 2004

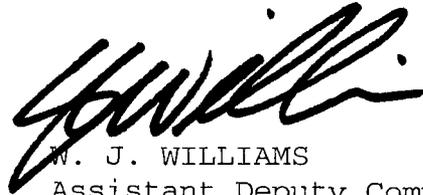
Encl: (1) USMC 2011/2025 CORE Workload Projections

1. The attachment is provided in response to your memorandum dated 27 September 2004. The 20 Year Force Structure Plan does not provide information specific enough for the Marine Corps to complete the estimates for Workload/CORE. Therefore, the Marine Corps Systems Command reviewed information on equipment/weapon systems under development as well as items due to be retired, and provided an assessment on how these platforms and the advances in technology might change the maintenance requirements we could expect in 2025. Their view of the future included a significant increase in the use of unmanned vehicles (both air and ground) that would utilize new materials and design techniques, which may make them less maintenance intensive. That said, they also indicated new threats and development of countermeasures to those threats might increase the need for a robust maintenance capability. In addition, the rapid advances in technology that are reducing the time between systems development and deployment may make it more reasonable to build in shorter equipment life expectancies, creating a need for an agile in-house maintenance capability should the planned life of these systems need to be expanded through a SLEP-like program. The SYSCOM suggested that an inherent maintenance capability (with some excess capacity) must be retained, as evidenced by the recent need for our in-house maintenance capability to provide hardening for our tactical vehicles in a rapid and cost effective manner, which industry was not geared up to do. Finally the demand on equipment we are currently witnessing suggests that we retain maintenance capability to ensure we have the ability to address weapon platform needs without regard to profitability, something private industry must consider.

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2. Based on this assessment, it is our professional judgment that system changes versus the need for in-house capabilities will "net" each other out. As such, we see no significant difference between CORE and Workload for FY11/FY25 and what was previously submitted for FY09.

3. The Marine Corps point of contact on this matter is Maj Adam Coons, HQMC (LFL), 703-695-9102.



W. J. WILLIAMS
Assistant Deputy Commandant
Installations and Logistics
(Facilities)

Copy to:
NAVSEA Deputy Commander, Logistics (N4)
DASN(IS&A), Infrastructure Analysis Team

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Service	Depot Commodity Groups	FY-09 Core Capabilities (K DLHs) Certified Data	Question 1 FY2011 CORE Percentage (Increase) Example 8%	Question 1 FY2011 CORE Percentage (Decrease) Example 8%	Question 1 FY2025 CORE Percentage (Increase) Example 8%	Question 1 FY2025 CORE Percentage (Decrease) Example 8%
Marines	Aircraft Avionics/Electronics Components					
Marines	Aircraft Bomber					
Marines	Aircraft Cargo/Tanker					
Marines	Aircraft Dynamic Components					
Marines	Aircraft Engine Turbofan/TurboJet Augmented					
Marines	Aircraft Engine Turboprop/Turbofan Bypass					
Marines	Aircraft Engine Turboprop/Turboshaft					
Marines	Aircraft Fighter/Attack					
Marines	Aircraft Hydraulic Components					
Marines	Aircraft Instruments Components					
Marines	Aircraft Landing Gear Components					
Marines	Aircraft Ordnance Equipment Components					
Marines	Aircraft Other					
Marines	Aircraft Other Components					
Marines	Aircraft Pneumatic Components					
Marines	Aircraft Rotary					
Marines	Aircraft Structural Components					
Marines	Aircraft VSTOL					
Marines	Amphibious Vehicles	497.716	0.0%	0.0%	0.0%	0.0%
Marines	APUs/GTEs/ATS/SPS/GTCs					
Marines	Armament & Structural Components					
Marines	Calibration					
Marines	Combat Vehicles	540.754	0.0%	0.0%	0.0%	0.0%
Marines	Computers					
Marines	Construction Equipment	85.725	0.0%	0.0%	0.0%	0.0%
Marines	Conventional Weapons	6.724	0.0%	0.0%	0.0%	0.0%
Marines	Crypto					
Marines	Depot Fleet/Field Support					
Marines	Electronic Components (non-airborne)					
Marines	Electronic Warfare					

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Service	Depot Commodity Groups	FY-09 Core Capabilities (K DLHs) Certified Data	Question 1 FY2011 CORE Percentage (Increase) Example 8%	Question 1 FY2011 CORE Percentage (Decrease) Example 8%	Question 1 FY2025 CORE Percentage (Increase) Example 8%	Question 1 FY2025 CORE Percentage (Decrease) Example 8%
Marines	Electro-Optics/Night Vision/FLIR	0.313	0.0%	0.0%	0.0%	0.0%
Marines	Engine Exchangeables/Components					
Marines	Engines/Transmissions					
Marines	Fabrication & Manufacturing					
Marines	Fire Control Systems & Components					
Marines	Generators	4.098	0.0%	0.0%	0.0%	0.0%
Marines	Ground Support Equipment					
Marines	Industrial Plant Equipment (IPE)					
Marines	Material Handling	35.32	0.0%	0.0%	0.0%	0.0%
Marines	Navigational Aids					
Marines	Other					
Marines	Other Components					
Marines	Other Engines					
Marines	Other Equipment	16.394	0.0%	0.0%	0.0%	0.0%
Marines	Other Vehicles					
Marines	PowerTrain Components					
Marines	Radar	153.925	0.0%	0.0%	0.0%	0.0%
Marines	Radio	28.156	0.0%	0.0%	0.0%	0.0%
Marines	Small Arms/Personal Weapons	27.264	0.0%	0.0%	0.0%	0.0%
Marines	Software Support Equipment					
Marines	Software Weapon System					
Marines	Starters/Alternators/Generators					
Marines	Strategic Missiles					
Marines	Tactical Missiles	25.806	0.0%	0.0%	0.0%	0.0%
Marines	Tactical Vehicles	432.466	0.0%	0.0%	0.0%	0.0%
Marines	TMDE					
Marines	Wire	13.481	0.0%	0.0%	0.0%	0.0%

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Service	Depot Commodity Groups	FY-05 Workload (K DLHs) Certified Data	Question 2 FY2011 WORKLOAD D Percentage (Increase) Example 8%	Question 2 FY2011 WORKLOAD D Percentage (Decrease) Example 8%	Question 2 FY2025 WORKLOAD D Percentage (Increase) Example 8%	Question 2 FY2025 WORKLOAD D Percentage (Decrease) Example 8%
Marines	Aircraft Avionics/Electronics Components					
Marines	Aircraft Bomber					
Marines	Aircraft Cargo/Tanker					
Marines	Aircraft Dynamic Components					
Marines	Aircraft Engine Turbofan/TurboJet Augmented					
Marines	Aircraft Engine Turboprop/Turbofan Bypass					
Marines	Aircraft Engine Turboprop/Turboshaft					
Marines	Aircraft Fighter/Attack					
Marines	Aircraft Hydraulic Components					
Marines	Aircraft Instruments Components					
Marines	Aircraft Landing Gear Components					
Marines	Aircraft Ordnance Equipment Components					
Marines	Aircraft Other					
Marines	Aircraft Other Components	0.06	0.0%	0.0%	0.0%	0.0%
Marines	Aircraft Pneumatic Components					
Marines	Aircraft Rotary					
Marines	Aircraft Structural Components					
Marines	Aircraft VSTOL					
Marines	Amphibious Vehicles	532.6	0.0%	0.0%	0.0%	0.0%
Marines	APUs/GTEs/ATS/SPS/GTCs					
Marines	Armament & Structural Components	1.2	0.0%	0.0%	0.0%	0.0%
Marines	Calibration					
Marines	Combat Vehicles	82.01	0.0%	0.0%	0.0%	0.0%
Marines	Computers					
Marines	Construction Equipment	95.78	0.0%	0.0%	0.0%	0.0%
Marines	Conventional Weapons	5.01	0.0%	0.0%	0.0%	0.0%
Marines	Crypto					
Marines	Depot Fleet/Field Support					
Marines	Electronic Components (non-airborne)	99.83	0.0%	0.0%	0.0%	0.0%
Marines	Electronic Warfare					

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Service	Depot Commodity Groups	FY-05 Workload (K DLHs) Certified Data	Question 2 FY2011 WORKLOAD Percentage (Increase) Example 8%	Question 2 FY2011 WORKLOAD Percentage (Decrease) Example 8%	Question 2 FY2025 WORKLOAD Percentage (Increase) Example 8%	Question 2 FY2025 WORKLOAD Percentage (Decrease) Example 8%
Marines	Electro-Optics/Night Vision/FLIR	2.6	0.0%	0.0%	0.0%	0.0%
Marines	Engine Exchangeables/Components					
Marines	Engines/Transmissions	33.84	0.0%	0.0%	0.0%	0.0%
Marines	Fabrication & Manufacturing					
Marines	Fire Control Systems & Components	9.59	0.0%	0.0%	0.0%	0.0%
Marines	Generators	6.8	0.0%	0.0%	0.0%	0.0%
Marines	Ground Support Equipment	0.42	0.0%	0.0%	0.0%	0.0%
Marines	Industrial Plant Equipment (IPE)					
Marines	Material Handling	0.57	0.0%	0.0%	0.0%	0.0%
Marines	Navigational Aids					
Marines	Other	1.66	0.0%	0.0%	0.0%	0.0%
Marines	Other Components	19.32	0.0%	0.0%	0.0%	0.0%
Marines	Other Engines					
Marines	Other Equipment	32.36	0.0%	0.0%	0.0%	0.0%
Marines	Other Vehicles					
Marines	PowerTrain Components	3.93	0.0%	0.0%	0.0%	0.0%
Marines	Radar	62.47	0.0%	0.0%	0.0%	0.0%
Marines	Radio	13.38	0.0%	0.0%	0.0%	0.0%
Marines	Small Arms/Personal Weapons	33.87	0.0%	0.0%	0.0%	0.0%
Marines	Software Support Equipment	55.23	0.0%	0.0%	0.0%	0.0%
Marines	Software Weapon System					
Marines	Starters/Alternators/Generators	0.05	0.0%	0.0%	0.0%	0.0%
Marines	Strategic Missiles	0	0.0%	0.0%	0.0%	0.0%
Marines	Tactical Missiles	38.2	0.0%	0.0%	0.0%	0.0%
Marines	Tactical Vehicles	507.85	0.0%	0.0%	0.0%	0.0%
Marines	TMDE	66.09	0.0%	0.0%	0.0%	0.0%
Marines	Wire	56.12	0.0%	0.0%	0.0%	0.0%