



# **USMC Sports Medicine Injury Prevention Program (SMIP)**

**Information Brief**



# Purpose/End State

## BLUF

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- Purpose
  - To provide an overview on the USMC SMIP program and CMC intent
- End State
  - Understanding of the role of SMIP in support of USMC mission and CMC intent
- BLUF
  - SMIP supports USMC mission by reducing attrition and lost training days associated with musculoskeletal injuries.
  - SMIP is a collaborative USMC and USN effort
  - The Commandant has directed expansion of the SMIP program to the operating forces by placing civilian Certified Athletic Trainers in Regiments and Groups.



# SMIP Information Brief

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- CMC Guidance
- Background
- Vision and Strategy
- Entry Level Training implementation
- Injury Prevention and Treatment Continuum
- SMIP Effectiveness Data
- Current locations of Athletic Trainers in TECOM
- SMIP Policy
- SMIP Expansion to Operating Forces
- Planned locations for Athletic Trainers
- Discussion



# CMC Guidance

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**From 24 July 2017 CMC email: “Would like for TECOM and HS to cost out the requirement have contracted Athletic Trainers every Regiment/Group and to increase our numbers at MCRDs and SOIs... spend money to save money/reduce injuries/recover faster.”**

**From 2 Aug 2017 CMC IPR: “We’ll find money for this.”**

**COAs ranging from 45 AT’s to >60 Corps-wide have been provided to CMC and P&R for consideration.**

**Site visits to I MEF (14-16 Nov), II MEF (29-30 Nov) and III MEF (14-19 Dec) ISO implementation**



# SMIP Background

- Universal Needs Statement, Dec 2001
- ACMC directed pilot
- Health Services initially in lead, CG TECOM assigned Pilot Program Sponsor May 2002
- Ltr from CG MCCDC to Navy Surgeon General (SG) formally seeking support/alignment (Sports Med Physicians) ISO SMIP Dec 2002
  - Sports Med Physicians to MCRDs, SOIs, OCS and TBS
- Athletic Trainers in place June 2003
- MOA b/t Navy Surgeon General and CG TECOM signed Oct 2007
  - USMC Funds/leads, Navy aligns
  - Navy SG recognizes National Athletic Trainers Association (NATA) Standards of Practice
- TECOMO 6260 w CH1 “SMIP” Nov 2008 provides CG TECOM Commander’s Intent and Major Subordinate Command/TECOM Staff responsibilities
  - Centralized TECOM Program Management / Decentralized Execution



# Vision and Strategy

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## Vision

- Increase readiness by reducing attrition and lost work-days associated with musculoskeletal injuries.

## Strategy

- Balance injury prevention, initial evaluation, treatment, and return to readiness.
  - Conduct quality injury surveillance.
  - Exploit existing capabilities.
  - Identify resources necessary to fill gaps.
- Incremental, adaptable, sustainable approach.
- Complement (v. replace) existing Navy Medicine capabilities.
- Treat Marines as Warrior Athletes.



# Entry Level Training Implementation

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- Selected based on large, vulnerable population, cumulative experience and standardized procedures.
- Certified Athletic Trainers
  - Civilians who are employees of assigned USMC commands (S-3s). **GREEN ASSETS** (NCAA model)
  - Currently 18X GS, 8X Contracts
  - Navy Sports Med MDs provide medical oversight when dealing with injuries
  - Emphasis on injury prevention, education, and treatment
- Initial Allocation:
  - 4 AT's for MCRDs
  - 1 AT per SOI, OCS and TBS



# Prevention / Treatment Continuum



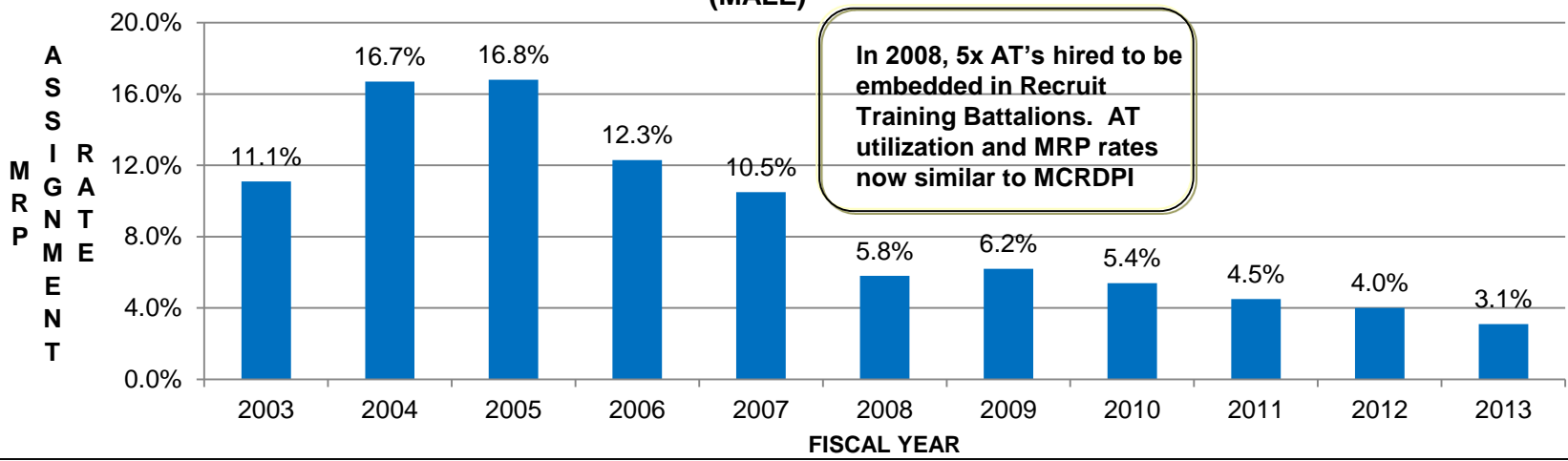
What	Primary Prevention	Risk Management	Secondary Prevention	Rapid Detection and Treatment	Tertiary Prevention	Rehabilitation
Who & Where	<b>USMC</b> Athletic Training Room			<b>BUMED</b> Sports Medicine and Reconditioning Team (SMART)/MTF		
How	Policies <u>POIs</u> Procedures Curriculum Manuals Acquisitions Force Fitness Instructors Certified Athletic Trainers					





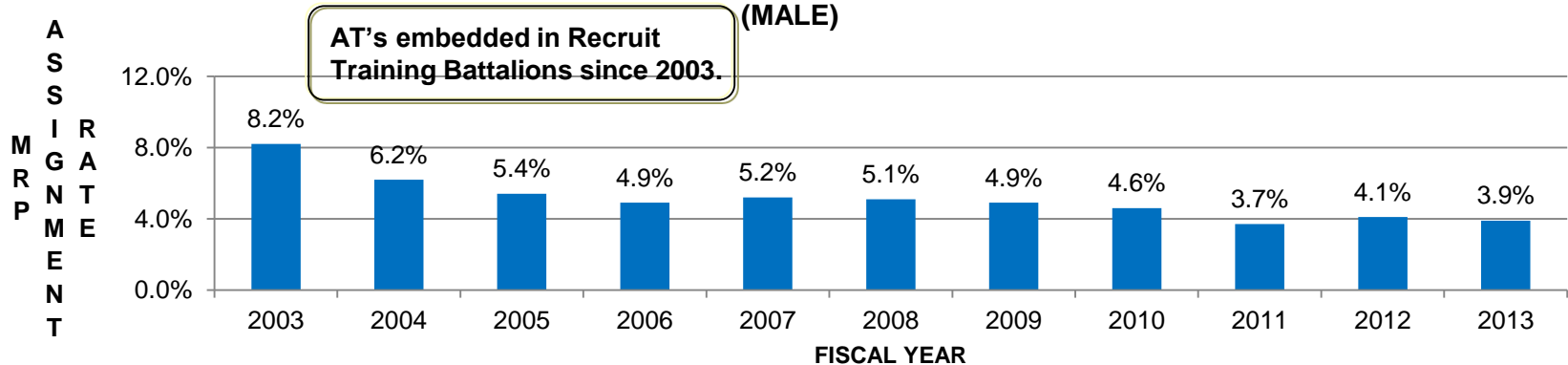
# SMIP Effectiveness Data

**MCRD SAN DIEGO MEDICAL REHABILITATION PLATOON ASSIGNMENT RATES (MALE)**



\*Notes: -MRP rate avg FY03-07=13.5%. FY08 MRP rate 57% less than previous 5 year avg.  
 -If FY03-07 MRP avg applied to FY-08, then 1502 more recruits would have been assigned to MRP in FY08. Utilizing recent MRP length of stay estimate of 28 days/assignment, this would have resulted in 42056 lost training days.  
 -Estimated \$6M in cost avoidance in FY-08 alone  
 -Lower MRP assignment rate trend has continued through 2015.  
 -USN ATC's centralized in MCRDSD Medical Treatment facility prior to FY08.  
 -USMC hired 5 additional ATC's to work within Recruit Training Battalions in FY08.

**MCRD PARRIS ISLAND MEDICAL REHABILITATION PLATOON ASSIGNMENT RATES (MALE)**





**Los Angeles Times** [4 November 2011](#)

**Marines now treat boot camp injuries instead of dismissing them:**

***“To reduce injuries, the Corps has hired certified athletic trainers — most with experience tending professional and college athletes — to oversee training. It’s a big change from the old ways.”***

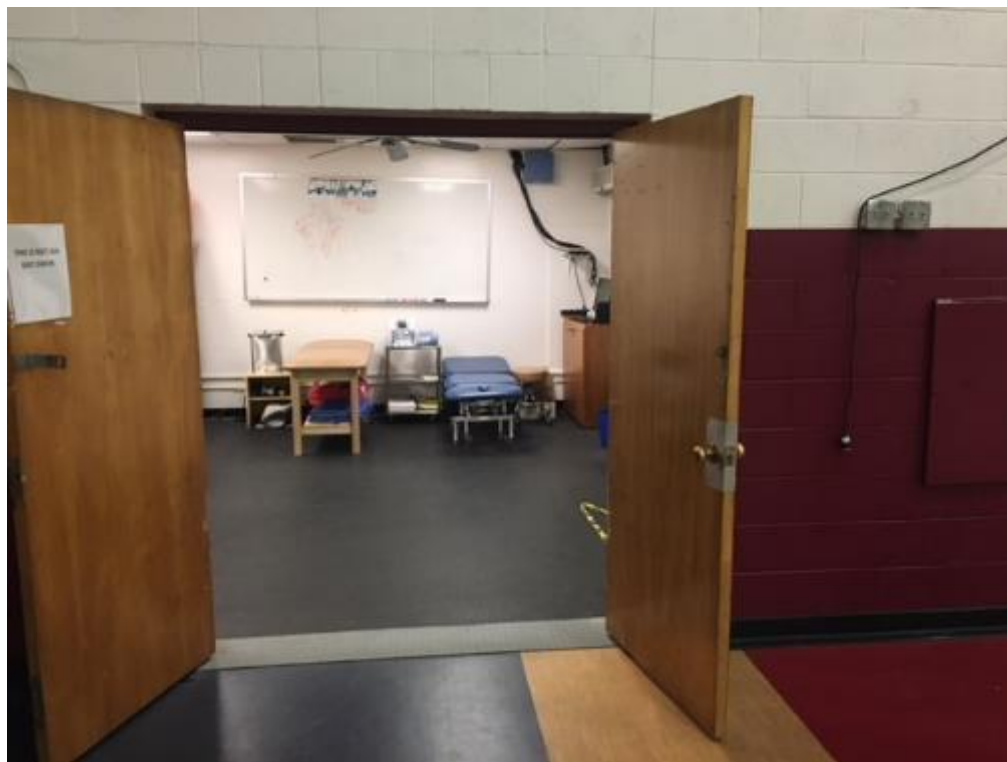


[11 June 2012](#)

**Athletic trainers eyed for infantry battalions**



# AT Room Example



**ATR location in 29 Palms Gym**



# Certified Athletic Trainers (AT's) in TECOM/TRNGCMD

ELT Site	FY-03 thru FY-07	Added in FY-08	Added in FY-09	Added or Subtract ed in FY- 14	Added or Subtracted in FY-17
Officer Candidates School (Quantico)	1	N/A	N/A	N/A	N/A
The Basic School (Quantico)	1	1	N/A	+2	+1
Marine Corps Recruit Depot (San Diego)	1	6	N/A	N/A	N/A
Marine Corps Recruit Depot (Parris Island)	3	2	N/A	N/A	N/A
School of Infantry-East (Camp Lejeune)	1	1	2	N/A	N/A
School of Infantry-West (Camp Pendleton)	1	1	N/A	+1	N/A
Marine Aviation Support Training Group-21 (Pensacola)	N/A	N/A	2	-2	N/A
Marine Corps Detachment Ft. Leonard Wood Missouri	N/A	N/A	2	-2	N/A
Marine Corps Combat Service Support School (Camp Lejeune)	N/A	N/A	2	-2	N/A
Force Fitness Readiness Center (Quantico)	N/A	N/A	N/A	N/A	+1
<b>Cumulative Total by Period</b>	<b>8</b>	<b>19</b>	<b>27</b>	<b>24</b>	<b>26</b>



# SMIP Policy

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- CG TECOM / Navy Surgeon General MOA
  - Original MOA signed in October 2007
  - Renewed in November 2012
  - Covers entry level training
- TECOMO 6260 w/ CH 1 USMC Sports Medicine and Injury Prevention Program
  - Originally signed in 2008, CH 1 in 2012
- OPNAVINST/MCO 6400.2 Scope, Limitations, Certification, Utilization and Oversight of Certified Athletic Trainers
  - Co-signed 25 Jan 2017 by DC CD/I and Navy Surgeon General
  - Modeled after Independent Duty Corpsman Instruction and TECOM SMIP Order
  - Sets foundation for SMIP expansion to operating forces



# SMIP Expansion to Operating Forces

**Ground Board 2-11 Report**

**UNCLASSIFIED/**

**Originator:** CMC WASHINGTON DC PPO POG(UC)

**DTG:** 20111208 **SEC:** 1 **Precedence:** ROUTINE **DAC:** General  
**To:** CG 1ST MARDIV G-3(UC), CG 1ST MARDIV(UC), CG 2ND MARDIV G3(UC), CG 2ND MARDIV(UC), CG 3RD MARDIV G-3(UC), CG 3RD MARDIV(UC), CG 4TH MAR DIV COMMAND DECK(UC), CG 4TH MAR DIV(UC)

UNCLASSIFIED/  
 MSGID/GENADMIN, USMTF, 2007/CMC WASHINGTON DC PPO POG(UC)/F002//  
 SUBJ/GROUND BOARD 2-11 REPORT//  
 REF/A/MSGID:MSG/CMC WASHINGTON DC PPO/191724Z0CT2011//  
 AMPN/REF A IS THE CONVENING MESSAGE FOR THE GROUND COMBAT ELEMENT (GCE) CONFERENCE AND GROUND BOARD 2-11.//  
 POC/M.L. JONES/COL/UNIT:HQMC PPO POG/-/TEL:(703)692-4288//  
 POC/E.A. BENSON/CIV/UNIT:HQMC PPO POG/-/TEL:(703)692-4303//  
 GENTEXT/REMARKS/REMARKS/1. PURPOSE. THE GROUND COMBAT ELEMENT (GCE) CONFERENCE AND GROUND BOARD 2-11 WERE CONDUCTED 6-8 DEC 2011 PER REF A. THIS MESSAGE REPORTS THE RESULTS AND DECISIONS OF THE GROUND BOARD. PRINCIPAL MEMBERS OF GROUND BOARD 2-11 WERE THE DEPUTY COMMANDANT FOR PLANS, POLICIES, AND OPERATIONS (DC, PPO), THE COMMANDERS OF FIRST, THIRD AND FOURTH MARINE DIVISIONS, AND THE ASSISTANT DIVISION COMMANDER OF SECOND MARINE DIVISION.  
 2. BACKGROUND. DC, PPO IS THE ADVOCATE FOR THE GCE. THE GROUND BOARD MEETS AT LEAST SEMI-ANNUALLY TO ADDRESS EMERGENT GCE AND MAGTF ISSUES.

3. GROUND BOARD 2-11 DECISIONS:

3.C.3. TITLE: SPORTS MEDICINE INJURY PREVENTION (SMIP)

3.C.3.A. DISCUSSION: MUSCULOSKELETAL (MSK) INJURIES ARE #1 CAUSE FOR LIGHT/LIMITED DUTY/LOST DAYS. THE NUMBER OF MEDICALLY NON-DEPLOYABLE MARINES TO DATE IN 2011 EQUATES TO 18 INFANTRY BATTALIONS. TECOM RESILIENCY STUDY IDENTIFIED SMIP AS AN ESSENTIAL PILLAR OF MARINE PHYSICAL RESILIENCY. APMC PREVIOUSLY DIRECTED A SMIP PILOT PROGRAM BE IMPLEMENTED AT ELT IN FY03-FY05. A SMIP OPT IN NOV 11 DEVELOPED 3 COAS REGARDING WAY AHEAD FOR SMIP.

3.C.3.B. END STATE: EXPAND TECOM'S SMIP PROGRAM TO OPERATING FORCES IOT ENHANCE PHYSICAL READINESS AND MINIMIZE LOST TIME; TREAT MARINES AS WARRIOR ATHLETES; AND PLACE ATHLETIC TRAINERS AT BN LEVEL IN THE GCE AND REG/MAG LEVEL IN THE LCE AND ACE (AC ONLY).

3.C.3.C. GROUND BOARD ENDORSEMENT:GROUND BOARD ENDORSES TECOM SMIP OPT COA 1: EXPAND SMIP PILOT PROGRAM TO INCLUDE INFANTRY, RECON, AND COMBAT ENGINEER BATTALIONS.



### POM-14 Program Review Brief Sports Medicine and Injury Prevention



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- CORE: N

**-Ground Board endorses expansion of SMIP to Operating Forces**  
**-Funded in POM-14 Baseline**  
**-Cut in POM-15 due to Sequestration**  
**-Demand signal remains especially in III MEF**



# AT OPFOR Expansion

(CMC directed distribution plan)

		End FY 19	END FY20
		33	66
Unit			
I MEF	I MIG	1	2
	1ST MARINES	1	2
	5TH MARINES	1	2
	7TH MARINES	1	2
	11TH MARINES	1	2
	HQTRS REGT		
	CLR-1	1	2
	CLR-15	1	2
	MAG-11	1	2
	MAG-13	1	1
	MAG-16		1
	MAG-39		1
MACG-38		1	
II MEF	II MIG	1	2
	2D MARINES	1	2
	6TH MARINES	1	2
	8TH MARINES	1	2
	10TH MARINES	1	2
	HQTRS REGT, 2D MLG		
	CLR-2	1	2
	CLR-25	1	2
	MAG-14	1	2
	MAG-26	1	1
	MAG-29		1
	MAG-31		1
MACG-28		1	
III MEF	III MIG	2	4
	3D MARINES	2	3
	4TH MARINES	3	5
	12TH MARINES	2	2
	HQTRS REGT, 3D MLG		
	CLR-3	1	1
	CLR-35	1	1
	MAG-12	1	1
	MAG-24	1	1
	MAG-36	1	1
	MACG-18	1	1
	ELT	RTR, MCRD PI	
RTR, MCRD SD			1
SOI EAST, MCB CAMP LEJ			1
SOI WEST, MCB CAMP PEN			1
MARDET FT. LEONARDWOOD			
MATSG-23, NAS PENSACOLA			
MCCES (COMM/ELEC SCHOOL 29 PALMS)			1
MCCSSS			1
MCES			
MARDET FT. SILL			
COST		4.5M	8.6M

**NOTES:**  
 -Distribution prioritizes supporting more units, but with AT ratio of 1 to 2000-3000 Marines  
 -Chart does not reflect current AT numbers at ELTs

	AT/Marines
Green	1/1000
Yellow	1/2000-3000
Red	0