

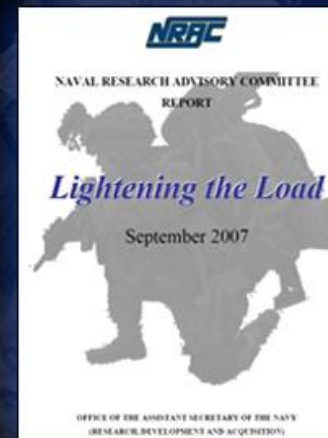
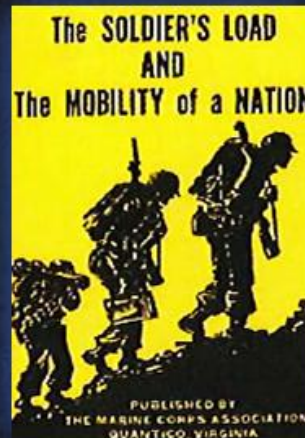
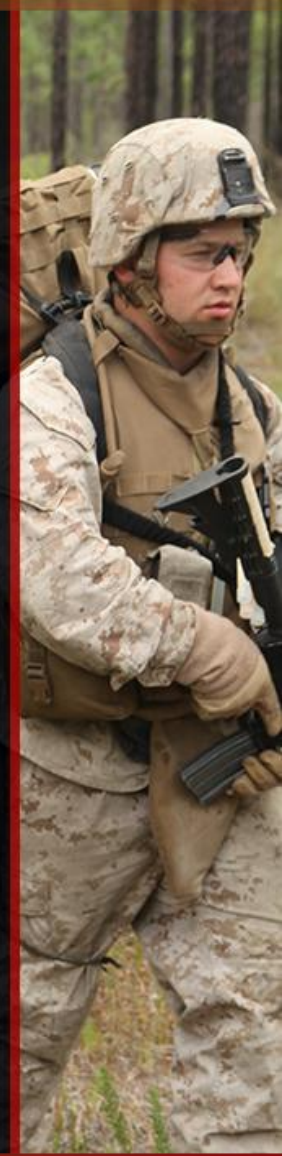


16TH Annual NDIA SE Conference 2013

**Jim Smerchansky
Chief Engineer**



Combat Weight of Marines

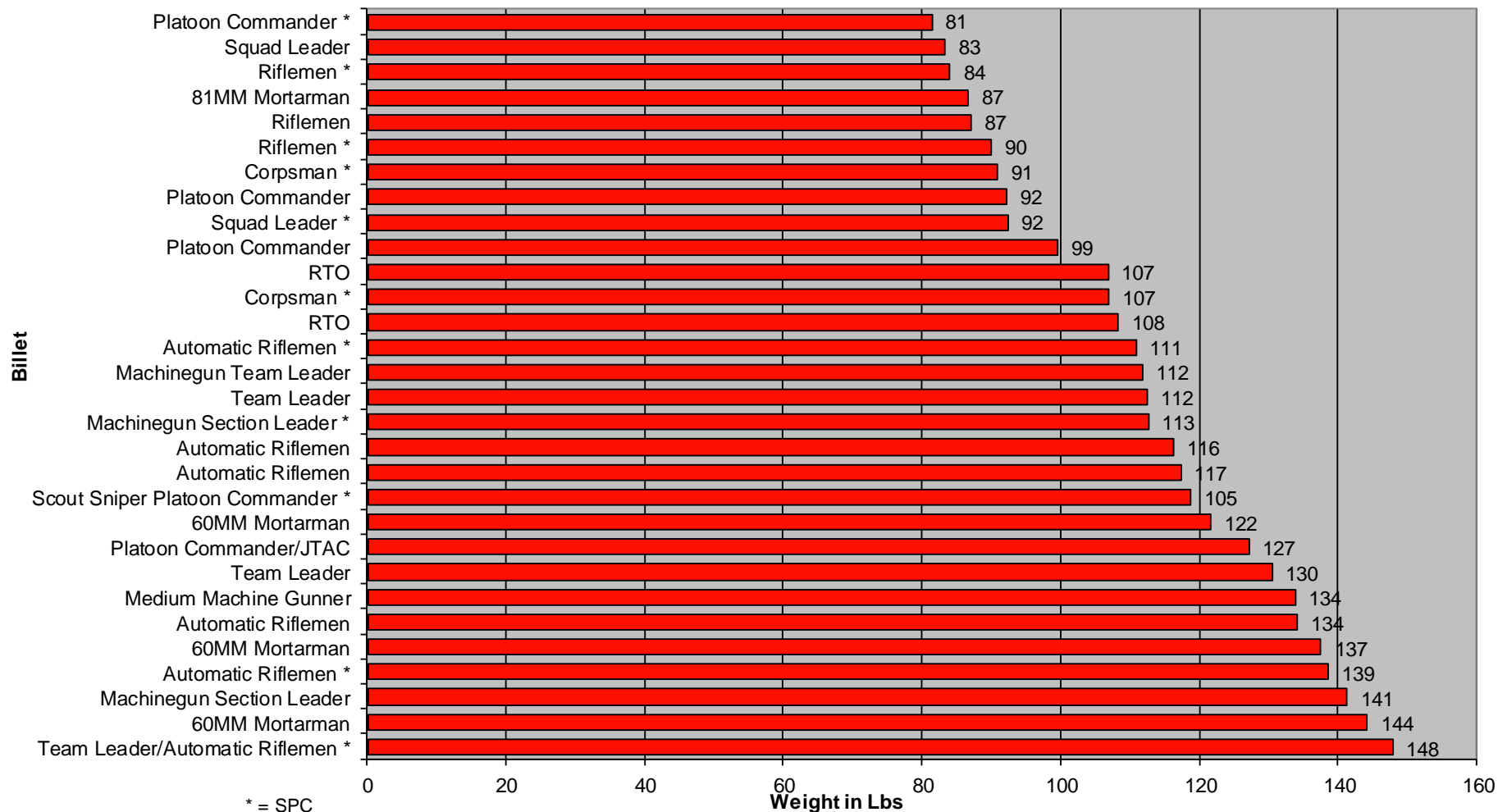




Infantry Battalion 2008

Equipment Weight by Billet

Average Weight 112 lbs





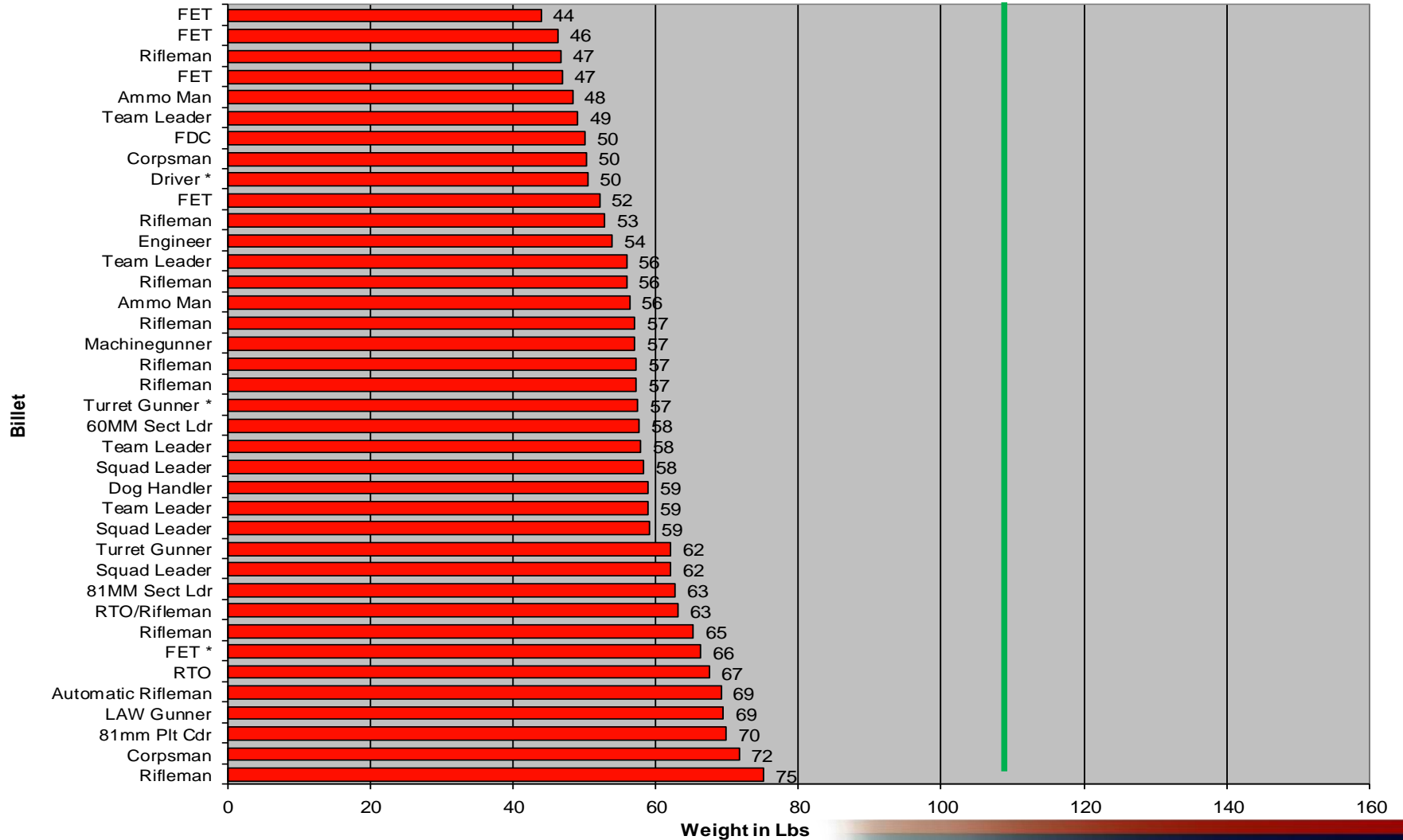
Infantry Battalion 2010

Equipment Weight by Billet

Average Equipment

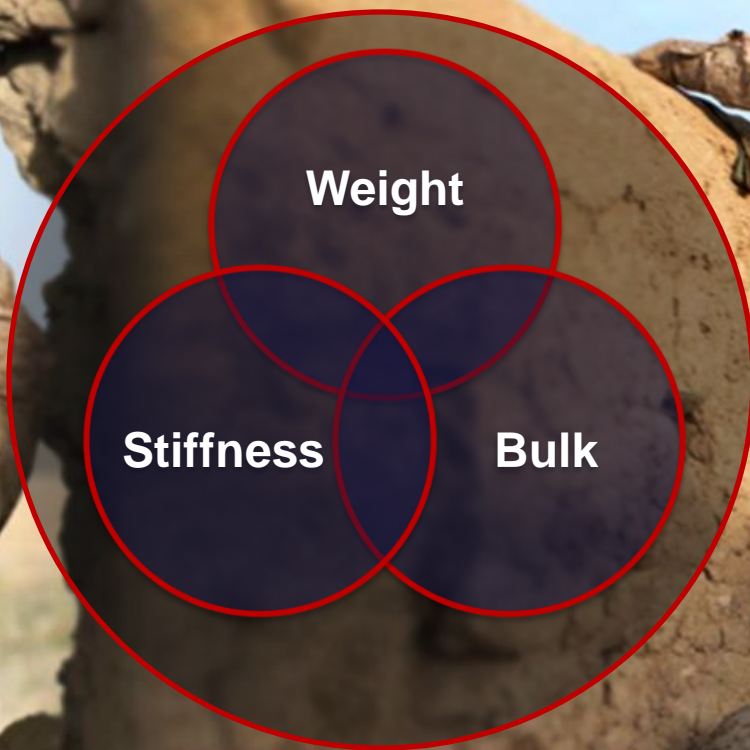
Avg Equipment Weight

112 lbs



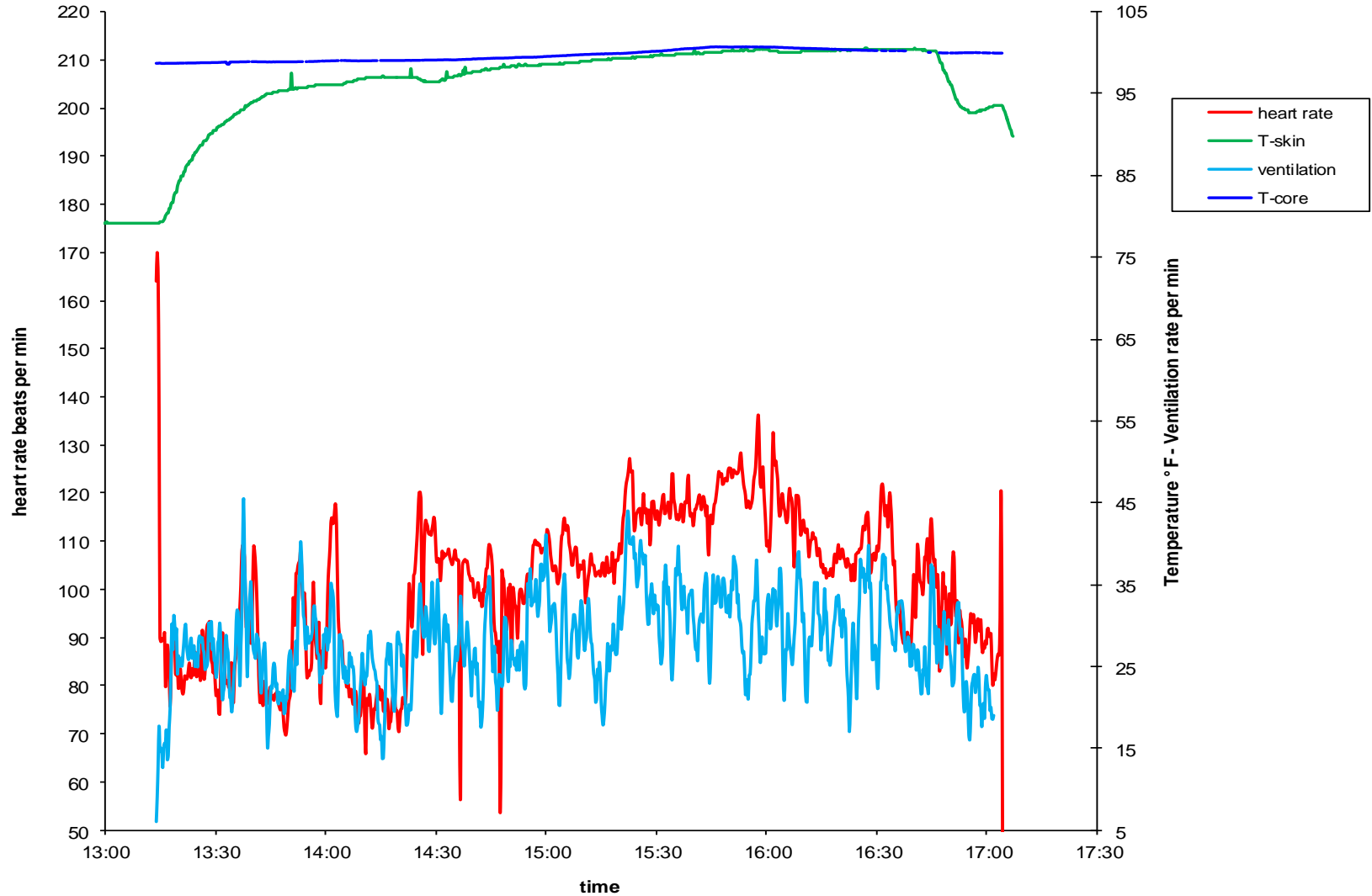


Marine's Burden



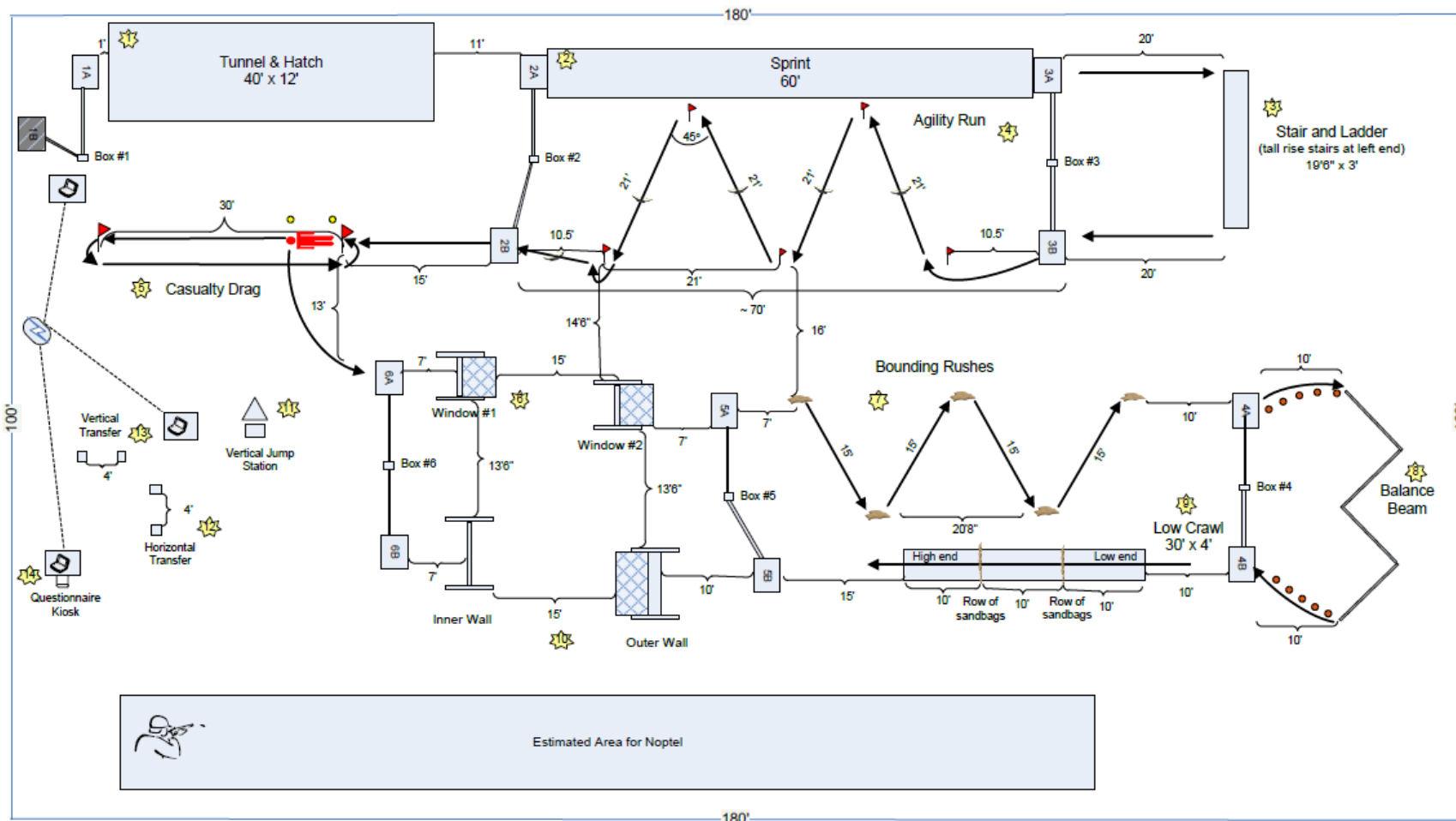


Infantry Battalion Heat Strain





Marine Corps Load Effects Assessment Program Layout



Legend

- = extension cord
- = pylon
- ➡ = Rescue Randy mannequin
- ⊕ = generator
- ⊞ = landing platform
- ★ = order of obstacles
- ▭ = sand bags
- ➡ = direction of travel within obstacle
- ▴ = agility pole / flag
- ⤴ = step-over obstacle (hurdle)



Marine Corps Load Effects Assessment Program





The Speed of Acquisition

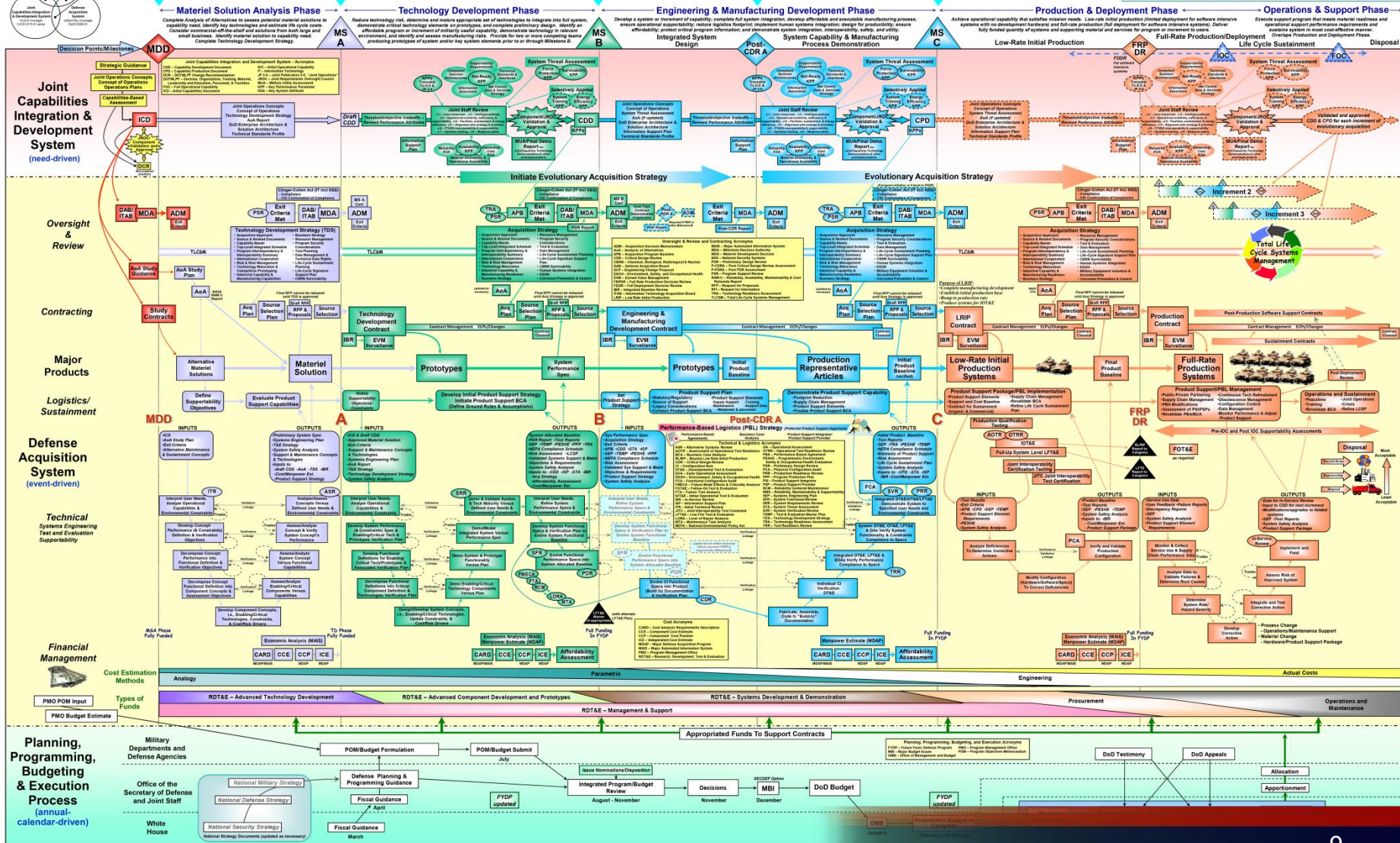
Version 5.4 15 June 2010

Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System



Following the Materiel Development Decision, the Milestone Decision Authority may authorize entry into the acquisition process at any point, consistent with phase-specific entrance criteria and statutory requirements

This chart is a reference aid for Defense Acquisition University students. It provides a notional illustration of the elements among three major acquisition support systems used to develop, produce and field a support system for military defense. Defense acquisition is a complex process with many activities that occur before and during the acquisition process. This chart is intended to be used as a reference aid. Supporting information is on hand in the chart. For more information, see the Defense Acquisition Guide (DAG) at www.dau.edu.



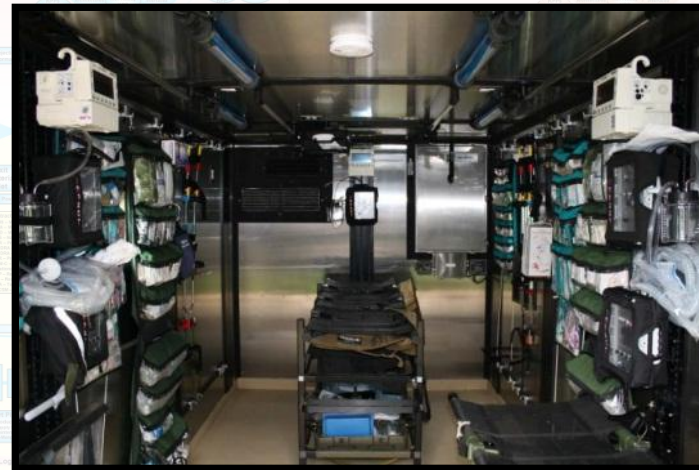
For a single copy of this chart, send a request to daupubs@du.edu. Send recommendations to improve the content of this chart to chart@du.edu.



The Speed of Acquisition - Mobile Trauma Bay

Integrated Defense Acquisition, Technology, and Logistics Life Cycle Management System

WE CAN MOVE QUICKLY WITHOUT SACRIFICING DISCIPLINE



UUNS

DELIVERED

Design & Build

Test & Train

APR

MAY

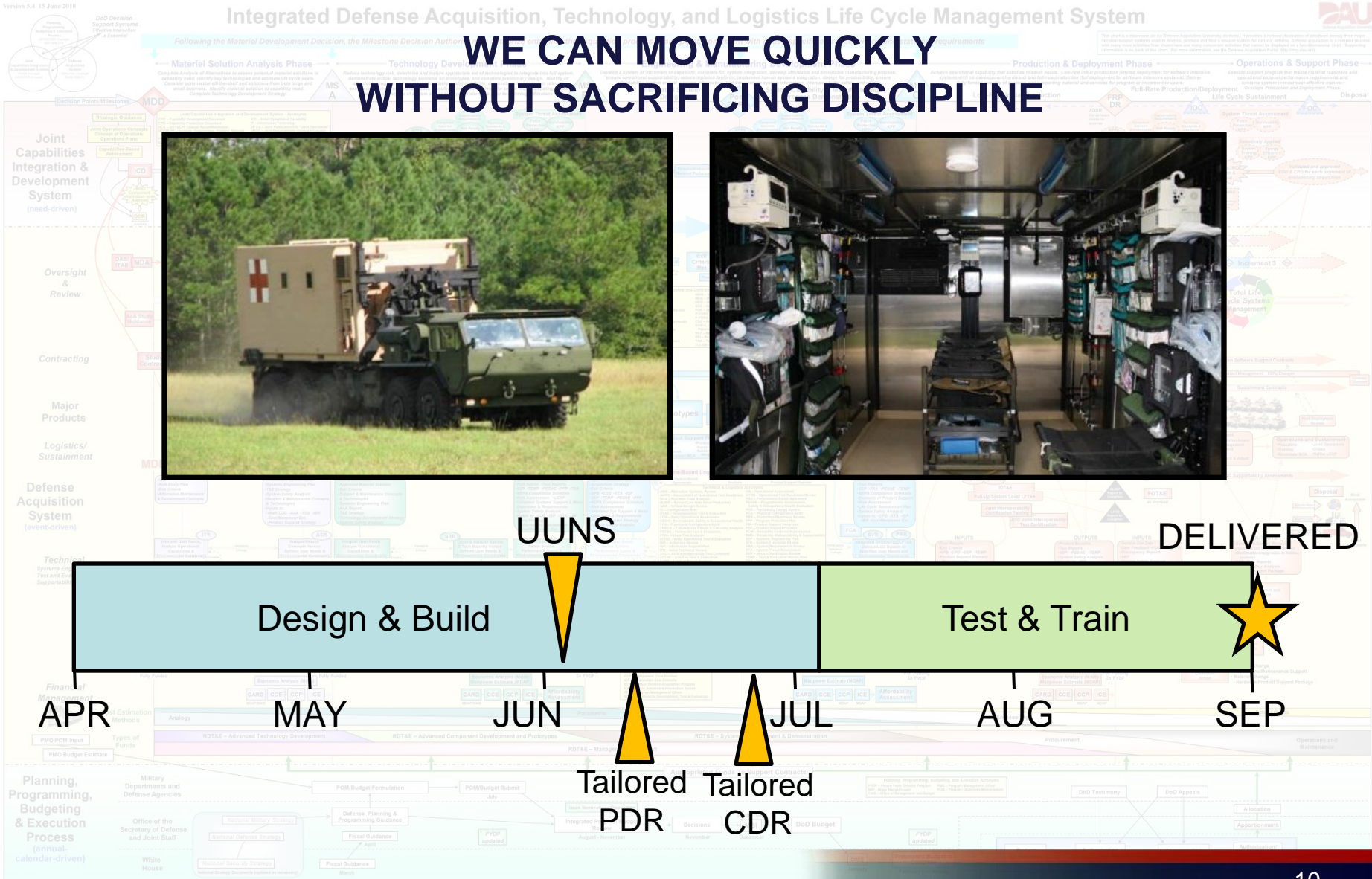
JUN

JUL

AUG

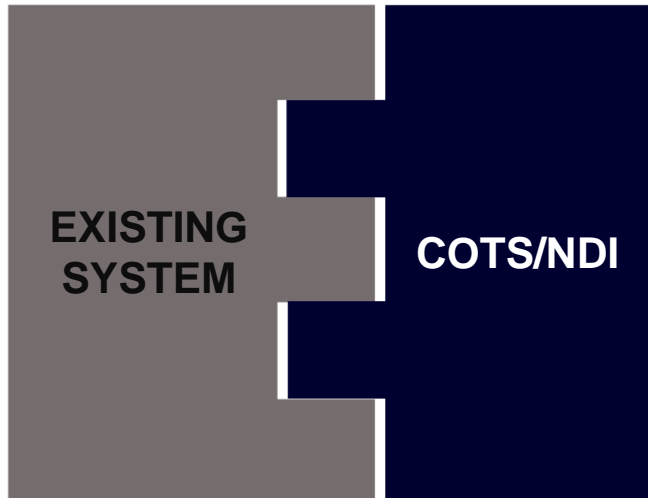
SEP

Tailored PDR
Tailored CDR

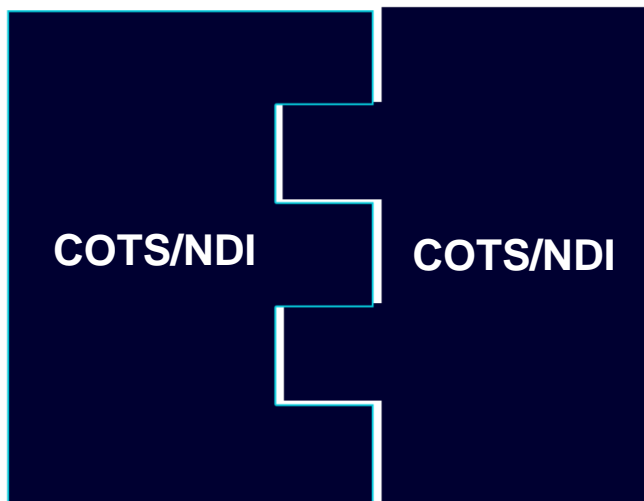




Non-Developmental Item (NDI) Integration Review (NIR)



NIR tailors the design review to the specific needs of integrating existing systems in order to streamline the effort.



- Used for Low Risk Integration
- NIR occurs in place of CDR
- Limited to ACAT III, ACAT IV & AAP
- Closure results in product baseline



SETR in Agile Software Development

DCGS-MC GEOINT Capability

