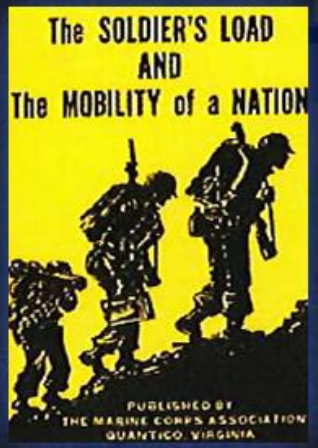
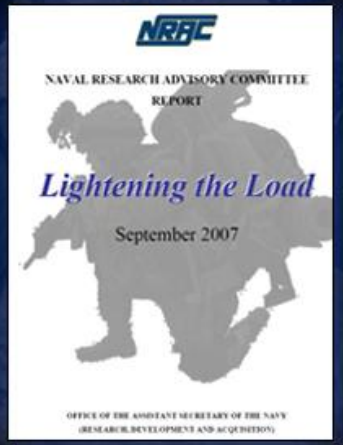
16TH Annual NDIA SE Conference 2013

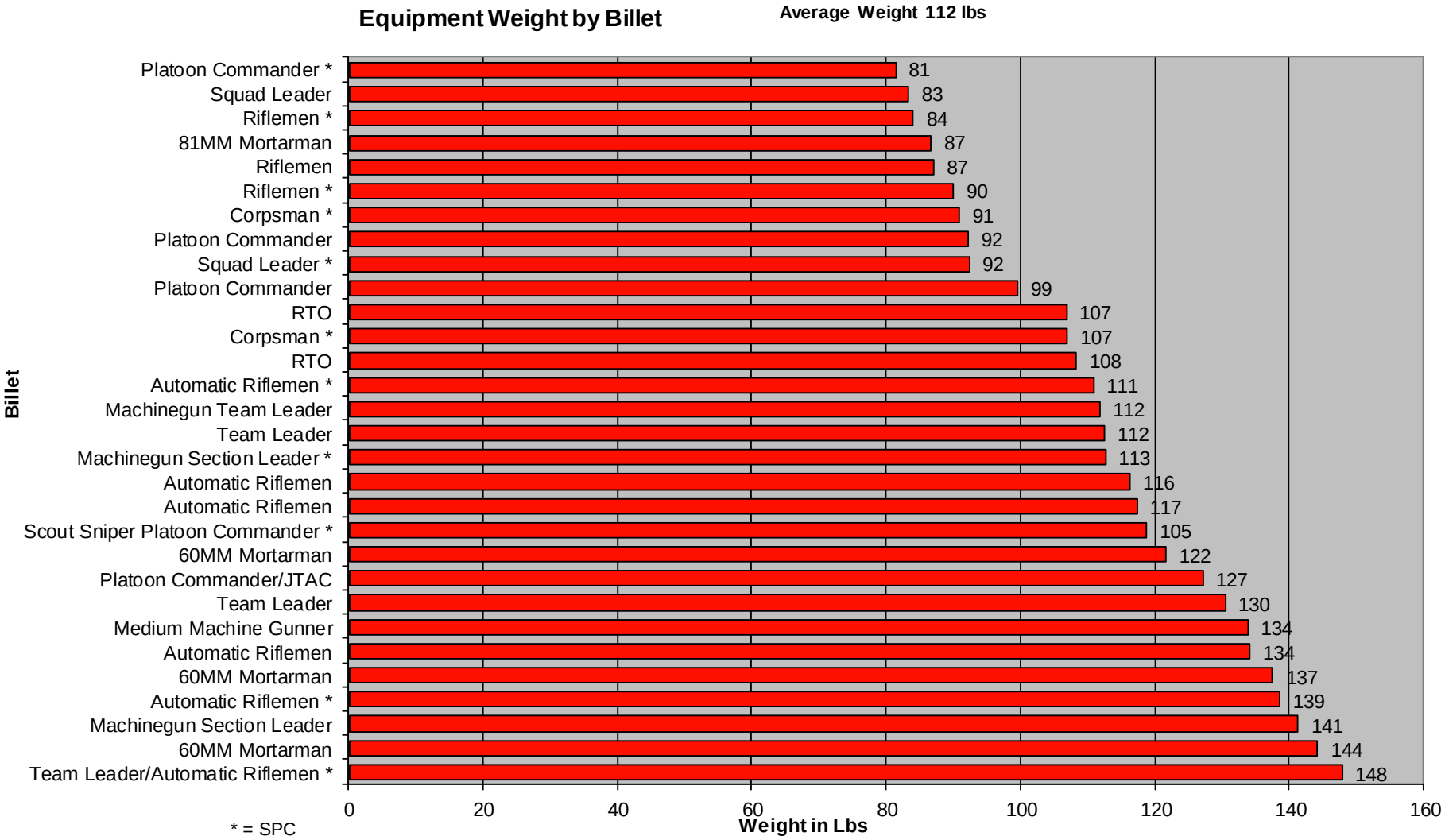
Jim Smerchansky
Chief Engineer

Combat Weight of Marines



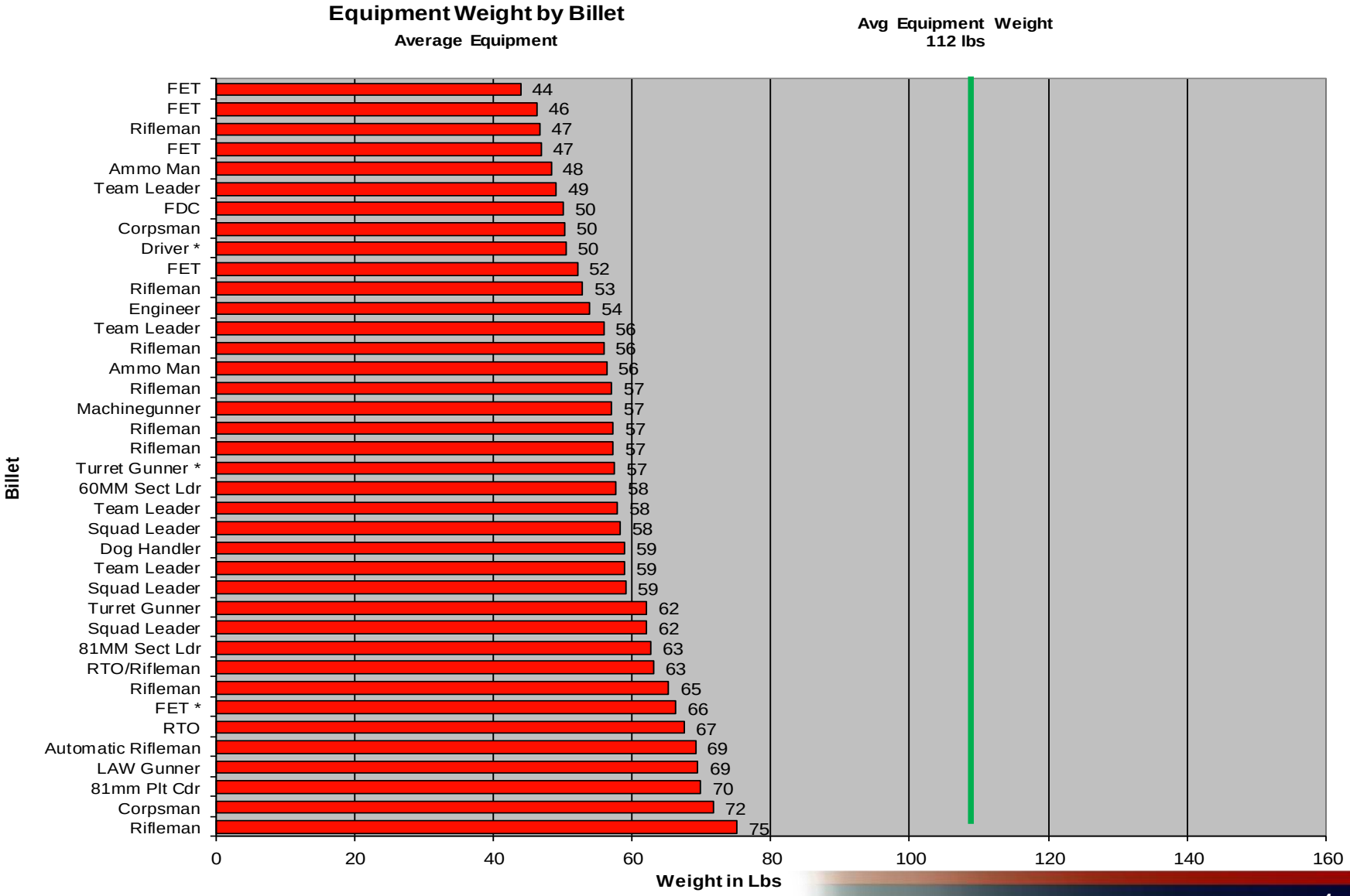


Infantry Battalion 2008



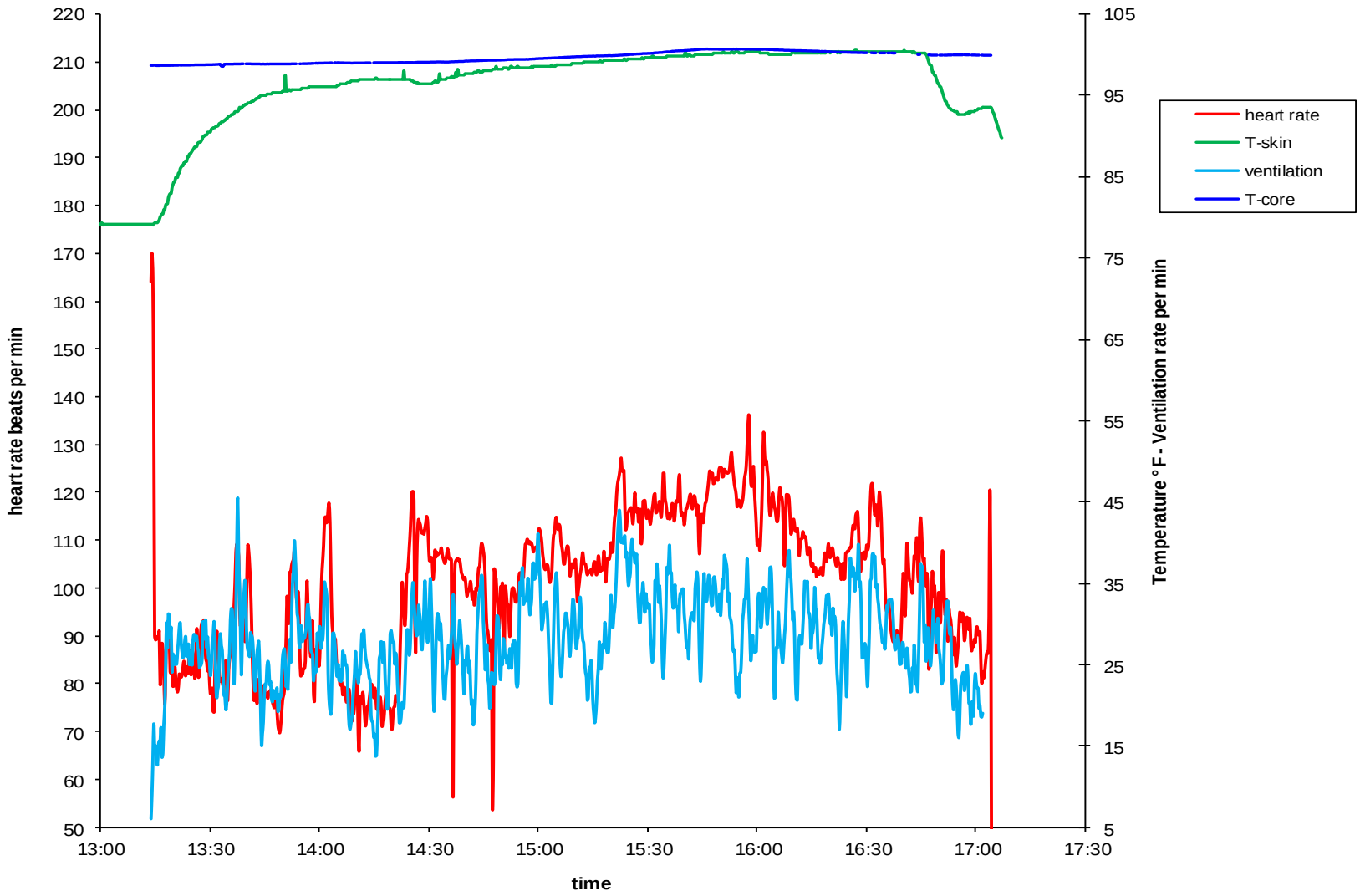
* = SPC

Infantry Battalion 2010

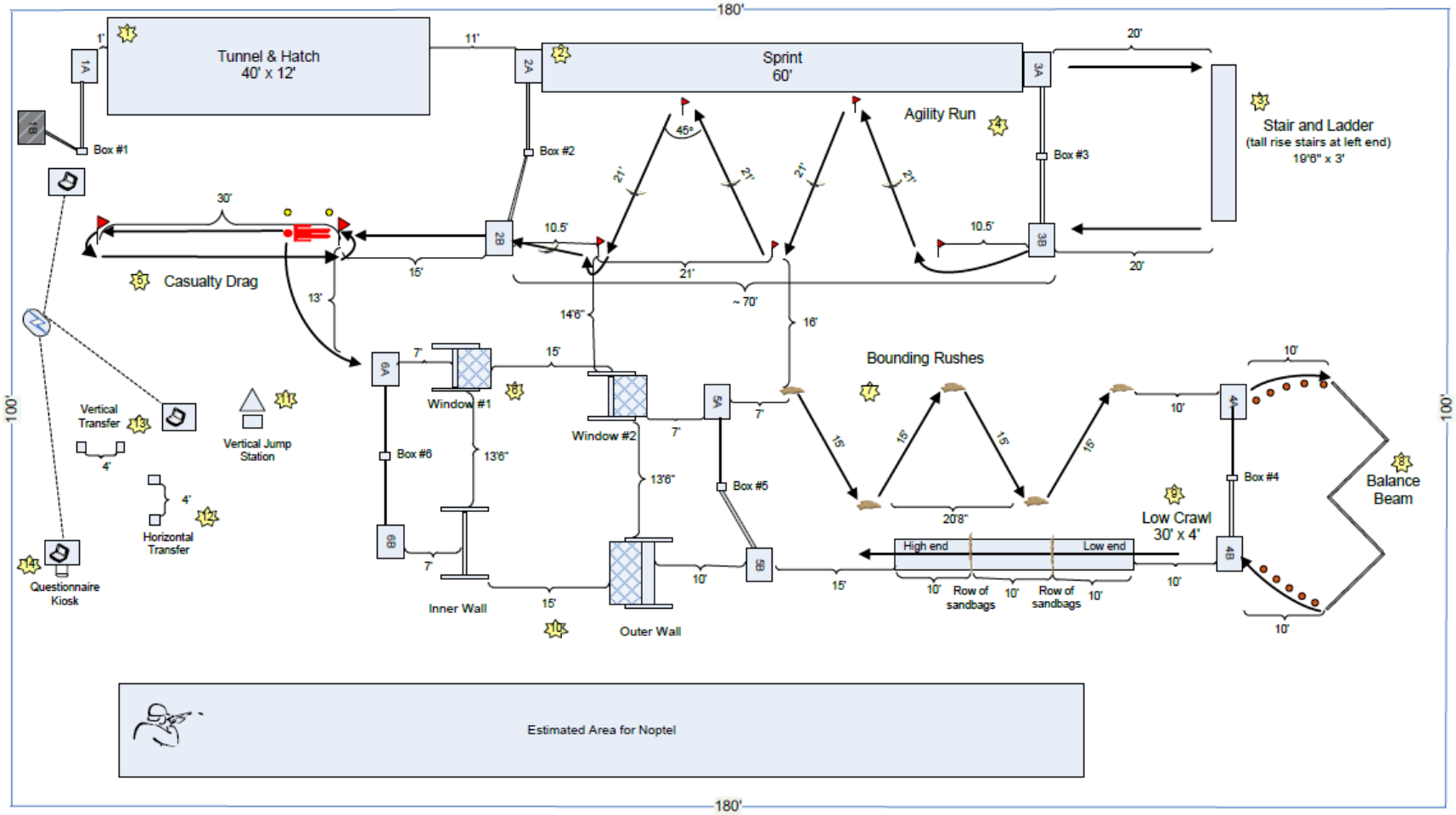


Marine's Burden

Infantry Battalion Heat Strain



Marine Corps Load Effects Assessment Program Layout



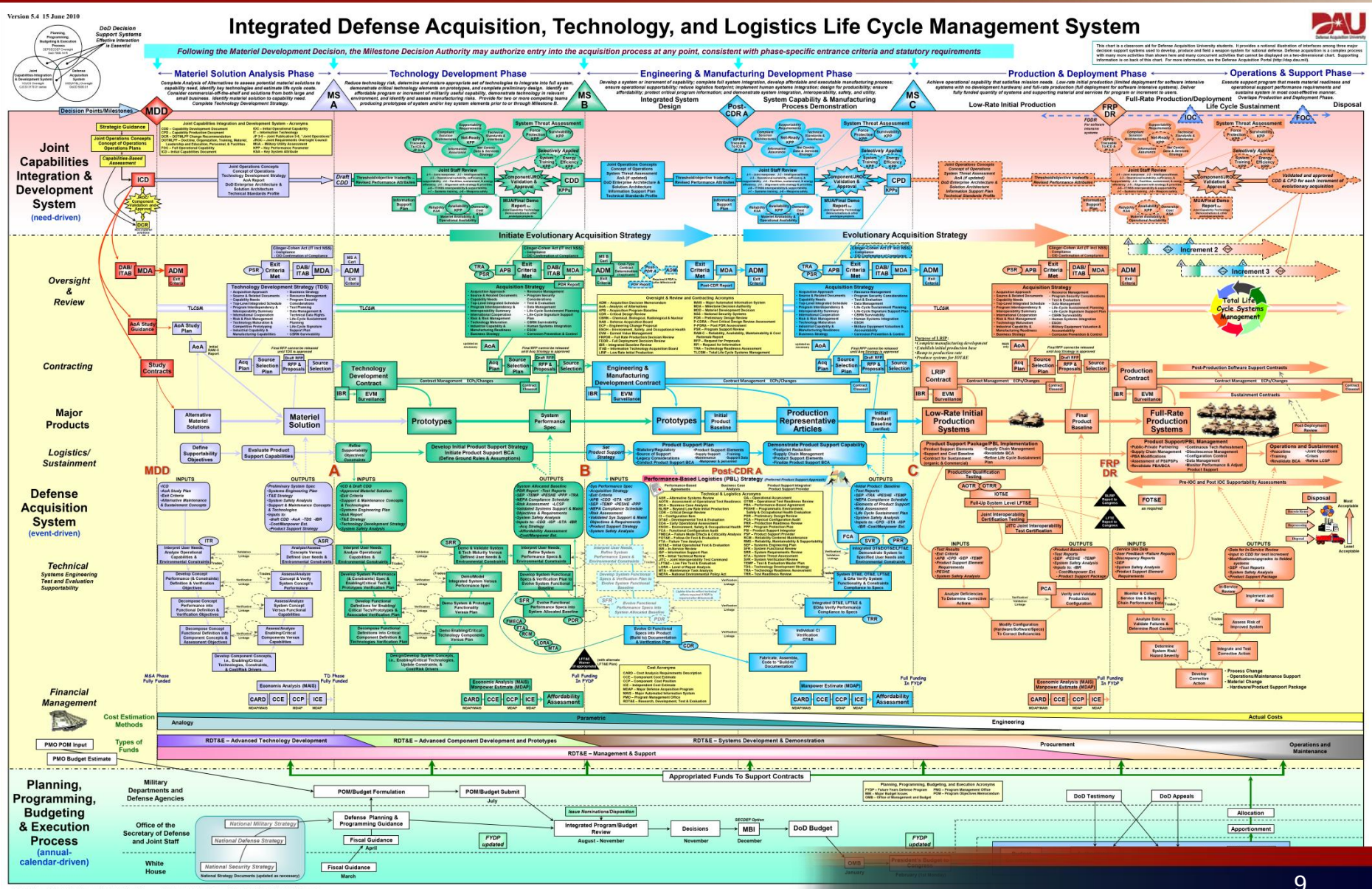
Legend

- = 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

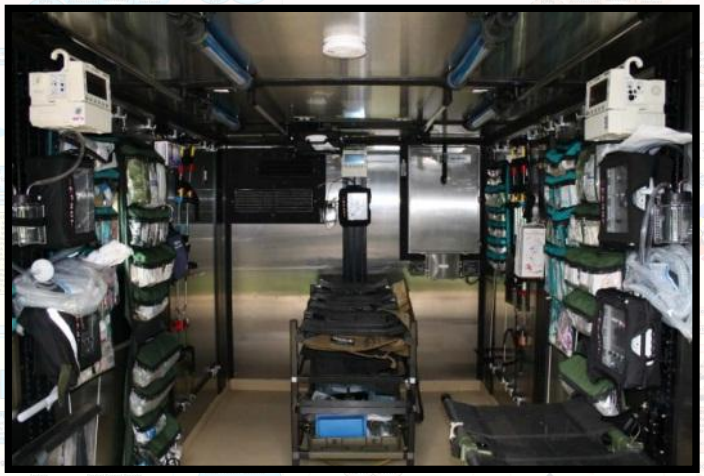
8

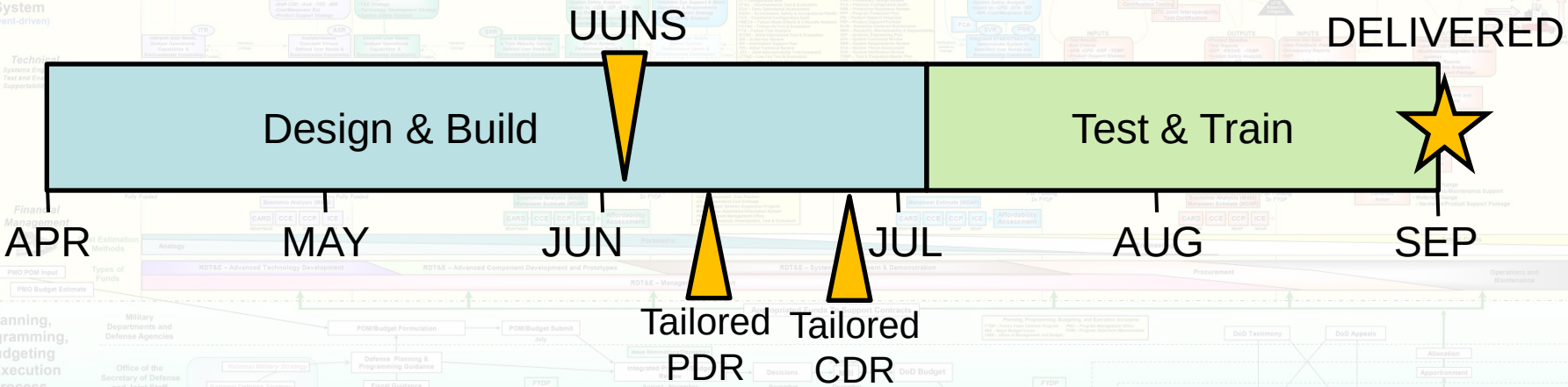
The Speed of Acquisition



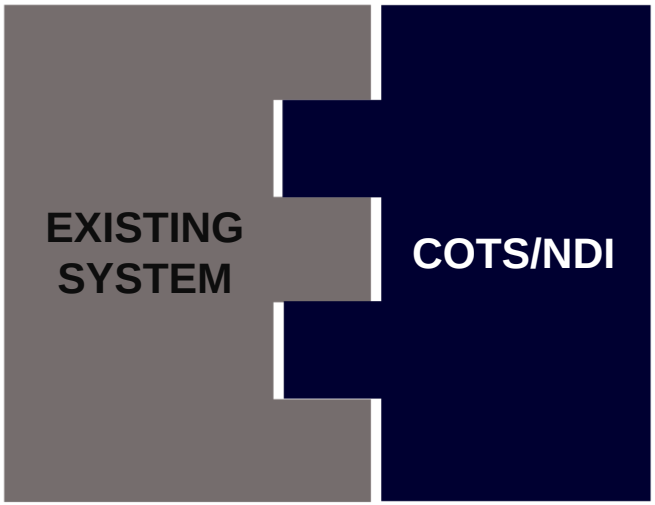
The Speed of Acquisition - Mobile Trauma Bay

WE CAN MOVE QUICKLY WITHOUT SACRIFICING DISCIPLINE

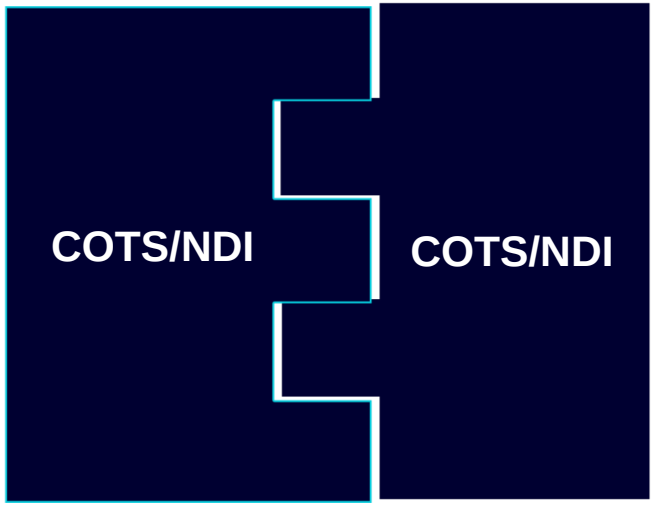


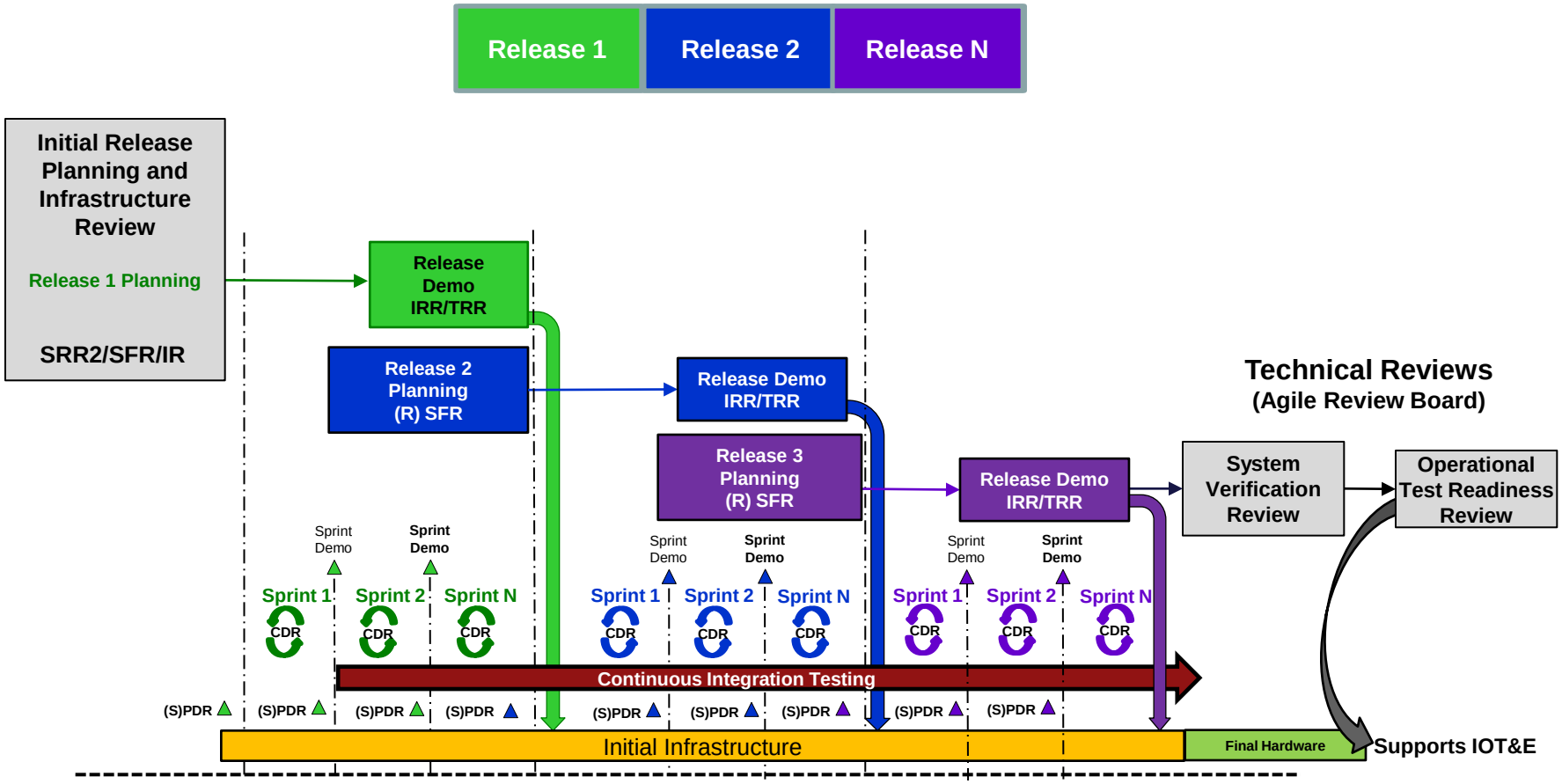


Non-Developmental Item (NDI) Integration Review (NIR)



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**

DCGS-MC GEOINT Capability