

SPECIAL OPERATIONS FORCES INDUSTRY CONFERENCE

SOF Warrior



John Parson

Program Manager, Medical

Stephanie Elder

Deputy Program Manager, SSES



Program Focused “Deep Dive”



PM Medical Mission

Provide rapid and focused acquisition of
SOF-unique MEDICAL capabilities
to USSOCOM operators conducting decisive
ground SOF activities and global operations
against terrorist networks



Medical Acquisition Philosophy

SOF Unique Medical Considerations:

- Lightest Weight Possible
- Modular, Mission Selectable
- Longest Battery Life, Minimum Power Consumption
- Minimize Power and Recharging Configurations
- Multifunctional

Constraints:

Size, Bulk, Weight

Reliability and Durability

Integrated Use

Limited Resources

Availability

Performance

Cost



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Medical



Freeze Dried Plasma

- 1 bottle of water for injection: 186ml
- 1 PCSO bottle: 200ml
- 1 reconstitution kit
- 1 instruction form
- 1 traceability form



Operator Kit



Medic Kit



CASEVAC

Human Performance

Pre-Habilitate

Rehabilitate

Reintegrate

Resilience

Team

Warrior

Family

Physical

Behavioral

Spiritual

Medical Technology Development

- Medical Research and Development
- Unique Singular Opportunities (FDP)
- Miniaturization
- Ruggedization
- Combining existing unique capabilities

WIN THE CURRENT FIGHT
THE GLOBAL SOF NETWORK
THE FORCE AND FAMILIES
RESPONSIVE RESOURCING



Technical Initiatives/Interests



HAMMERHEAD: Underwater Medical Monitoring (FY12-13)



SEAL SKIN: Hemorrhage Control Dressing (FY12-13)



CREST: NSWCC Peak Health And Performance (FY12-14)



Canine Hydration Optimization (FY12-13)



Blood Donor Pathogen Kit (FY12-13)



Respiratory Muscle Training for Performance at Altitude (FY12-13)

SOF Tactical Combat Casualty Care (TCCC)

- SOF Tactical Combat Casualty Care (TCCC) provides the capability for far-forward austere trauma care to sustain wounded personnel until they can reach forward surgical care. This includes enhanced self-aid or buddy-aid, SOF medic aid on the battlefield, and casualty management and extended care during Casualty Evacuation (CASEVAC).
- Operator Kit: Self-aid, Buddy-aid
- Medic Kit: Team Care
- CASEVAC: Extraction, Mobility, Transport and Sustainment



Casualty Evacuation Set (CASEVAC)

The TCCC Casualty Evacuation (CASEVAC) system provides organic unit level advanced materiel capabilities required to rescue, recover, sustain and transport trauma casualties from point of wounding through all phases of CASEVAC until transfer to definitive care facility. The CASEVAC Set is comprised of 4 kits and 13 modules capable of being used independently based on mission requirements necessary to stabilize and sustain casualties in the event of a delayed or difficult CASEVAC.





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TCCC Operator and Medic Kits																								
FY	12				13				14				15				16				17			
QTR	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
Configuration Control Consistent with TCCC Guidelines, BISC, CoTCCC, SGO and Components	X X X X				X X X X				X X X X				X X X X				X X X X				X X X X			
Operator Kits																								
SOF Operator Kit	Sustainment / Modernization Through Sustainment																							
	Product Improvements																							
Medic Kits																								
SOF Medic Kit	Sustainment / Modernization Through Sustainment																							
	Product Improvements																							
Possible Medic Kit Insertions																								
Field Donor Pathogen Kit	Field Donor Pathogen Kit Development																							
Blood Type Match Kit	Blood Type Match Kit Development																							
Hemorrhage Control (SEAL)	Hemorrhage Control (SEAL) Development																							

LEGEND:



SW PoR (based on P&R Docs)
S&T, DARPA, Lab Efforts
Services Efforts

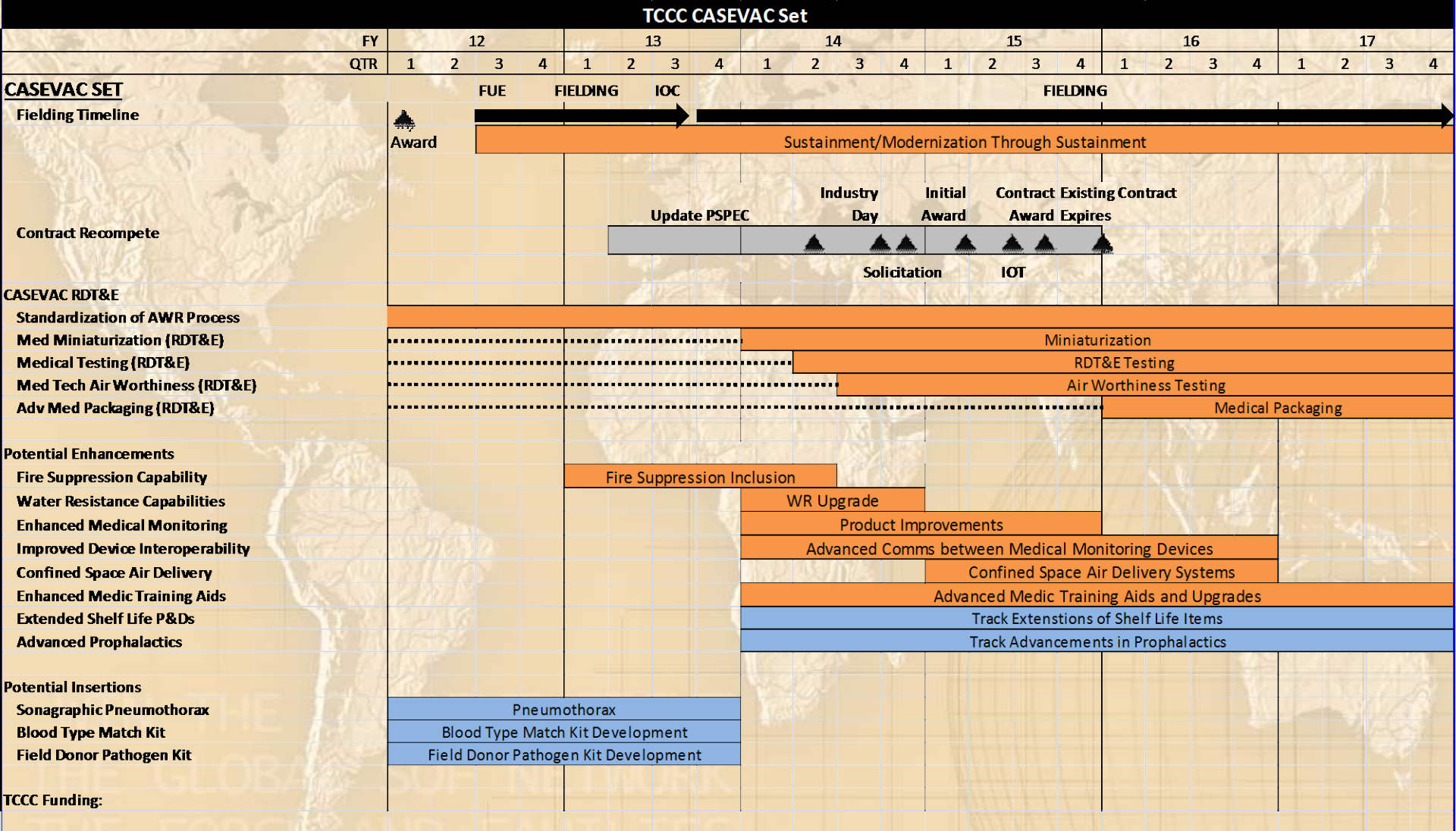


Milestone (Req't Doc, Contract Award/Re-compete)
DT/OT, Production and Fielding
* Project and Funding Completed. Awaiting Report.
Project not yet started.
x TCCC and Tactical Medical IPT/CCB



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Current as of: 1-May-13



LEGEND:

- SW PoR (based on P&R Docs)
- S&T, DARPA, Lab Efforts
- Services Efforts



- Milestone (Req't Doc, Contract Award/Re-compete)
- DT/OT, Production and Fielding
- Recompete details



Questions?

