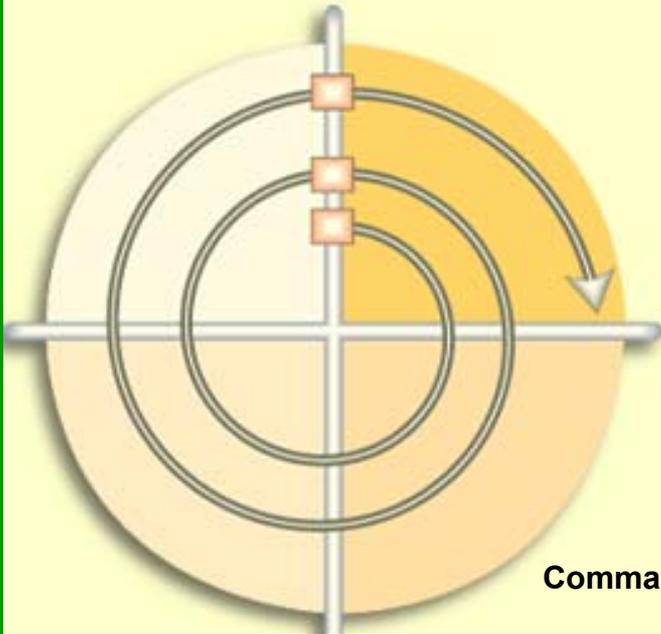




Army  
Transformation

XXI

# Modular Contracting Implementation



13 June 2000

**Eric Stern**

Acquisition Advisor  
Business Management Office

Program Executive Office  
Command, Control and Communications Systems





# Modular Contracting Background

- Initiative developed by OSD (Procurement) IPT
- Dr. Gansler memo, dated 10 Dec 98, directed implementation of Modular Contracting
- All ATCCS PMs and PM FBCB2 have prepared Modular Contracting plans
- Plans were submitted to OSD (Procurement) in Jan-Feb 00 timeframe
- PMs are utilizing Modular Contracting to synchronize their software versions with ABCS Software



# AFTADS Modular Contracting Implementation

- **Stable A02 Design (RDD) - used IPT with all stakeholders**
- **18 Month Modular Schedule**
- **PM Oversight/Control thru A02 Module**
- **Balance of functionality scheduled for A03/A04 Modules**

PEO C3S



# AFATDS

## Modular Contracting Schedule

	FY 00		FY 01				FY 02				FY 03				FY 04				FY 05			
	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4	1	2	3	4
A99	▲ 6.2		▲ LUT			▲ MR																
A02			▲ START				▲ LUT		▲ MR													
A03								▲ START			▲ LUT		▲ MR									
A04													▲ START			▲ LUT					▲ MR	
ABCS SYNCH	▲ 6.2		▲ DCX1				▲ DCX2		▲ 7.0					▲ 8.0								



# ASAS Status of Modular Contracting

- **Multiple technical baselines--each has a definitized 12 month cost/schedule baseline focused on a SW product delivery or two engineering drops.**
- **Not wasting time and money focusing on definitizing outyears (which are going to change).**
- **Twelve months of well-defined, constrained work packages tightly controlled by master schedule.**
- **Six month award fee payments tied to criteria measuring quality and timeliness of SW products/drops.**
- **Modular contracting is fully integrated into all CLINS on ASAS prime contract with LMMS.**



# ASAS Synchronization With ABCS

- **The ABCS remote workstation product delivery is the highest priority allocated baseline on LMMS contract.**
- **ABCS SW versions and milestones are fully incorporated as modular contracting increments on ASAS prime contract.**
- **Criteria for last five award fee periods directly tied to LMMS success on ABCS products.**
- **Having LMMS under contract with an ABCS focused baseline and appropriate award fee criteria has had outstanding proven results.**



# CSSCS Modular Contracting Implementation

## *CSSCS Meets Modular Contracting Requirements*

- **Current contract requires TRW to submit a Task Execution Plan (TEP) prior to the beginning of each FY.**
- **The TEP is based upon the ABCS schedule and describes both the CSSCS and ABCS functionality included in each major build.**
- **This structure provides PM CSSCS with maximum flexibility for each version as the program matures.**
- **Each software build and version are aggressively managed.**
- **Goal is to maintain stable baseline for each software build to its own unique characteristics and not allow changes within an ongoing incremental build.**

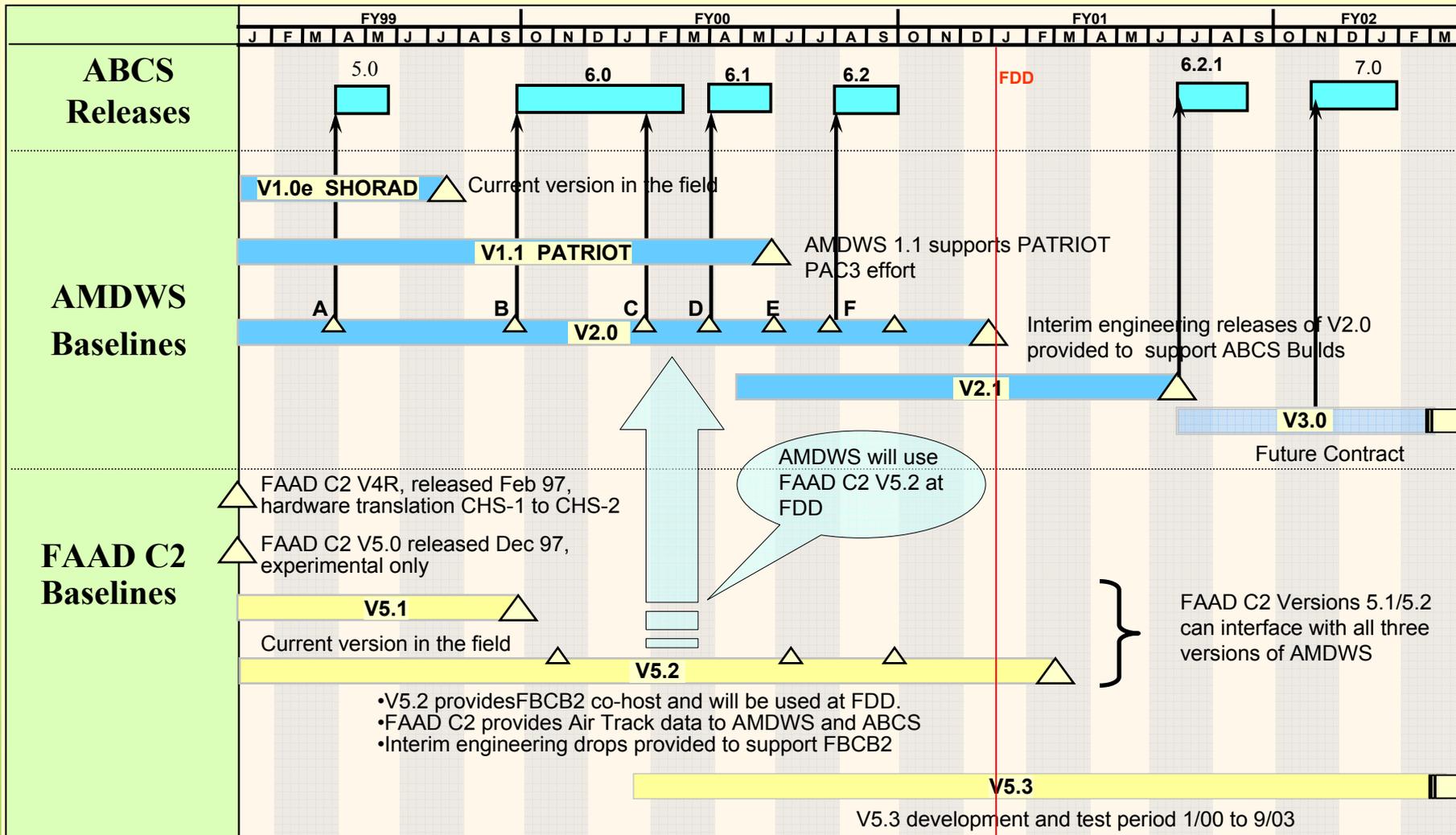


# **Modular Contracting Implementation For The FAAD C2 I Program**

- **The requirement to implement Modular Contracting has been accomplished for FAAD C2I**
- **FAAD C2I program has been divided into increments and incorporates options**
- **Each FAAD C2I S/W version represents discrete (Approximately 18 Months) increments through Development, Testing, Delivery, and Fielding**
- **FAAD C2I contract development increments for distinct S/W versions: V4R, V5.0, V5.1, V5.2, and V5.3**
- **Each S/W version is managed separately due to its unique characteristics**
- **The incremental structure for S/W versions provides for technical independence, stability within the versions, technological improvements, and less risk**



# FAAD C2/AMDWS/ABCS Integrated Schedule



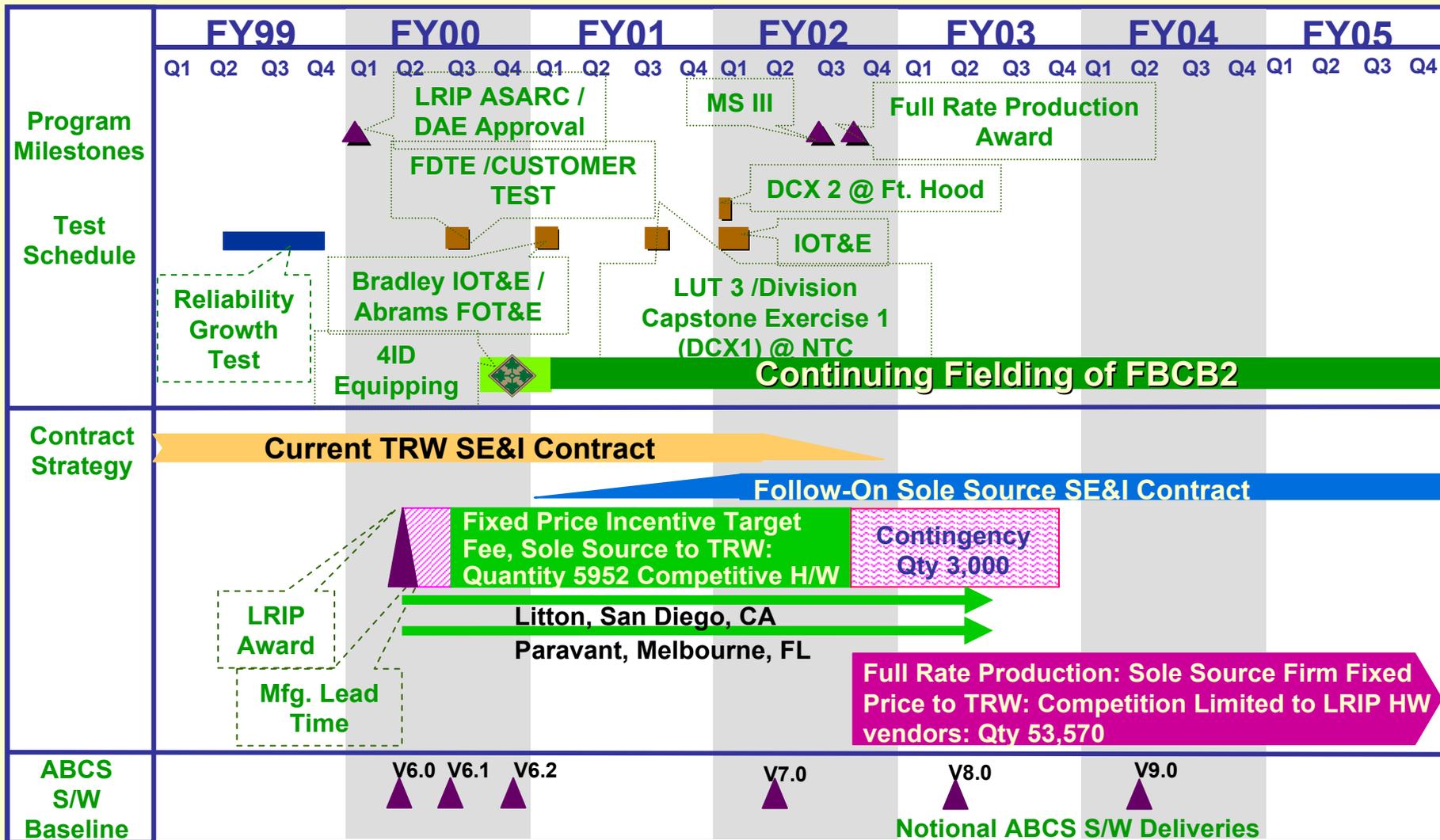


# FBCB2 Modular Contracting Implementation

- **Current Status:** Current SE&I contract is due to deliver FBCB2 version 3.3 software in July 2000. Version 3.3+ is due in June 2001.
- **The Follow-On SE&I contract** is due to be awarded in early FY01, Modular Contracting will be implemented in the Version 4.0, which is due to be delivered in 3rd Quarter FY02.
  - **Each Software version to have a stable baseline, using the FCL as the benchmark, reviewed quarterly by the PM, TSM, Contractor and User Jury**
  - **Contract WBS will support management of software by Modular Versions**
  - **Market Survey for follow-on published on 13 April 2000.**



# FBCB2 Program Schedule





# FBCB2 Synchronization

- **FBCB2 version 3.2 software is undergoing continuous synchronization with ABCS Version software at the CTSF.**
- **FBCB2 version 3.3 and 3.3+ software will be synchronized with ABCS Version 6.2 software prior to release and then continuing at the CTSF.**
- **The Version 4.0 will be synchronized with future ABCS software.**

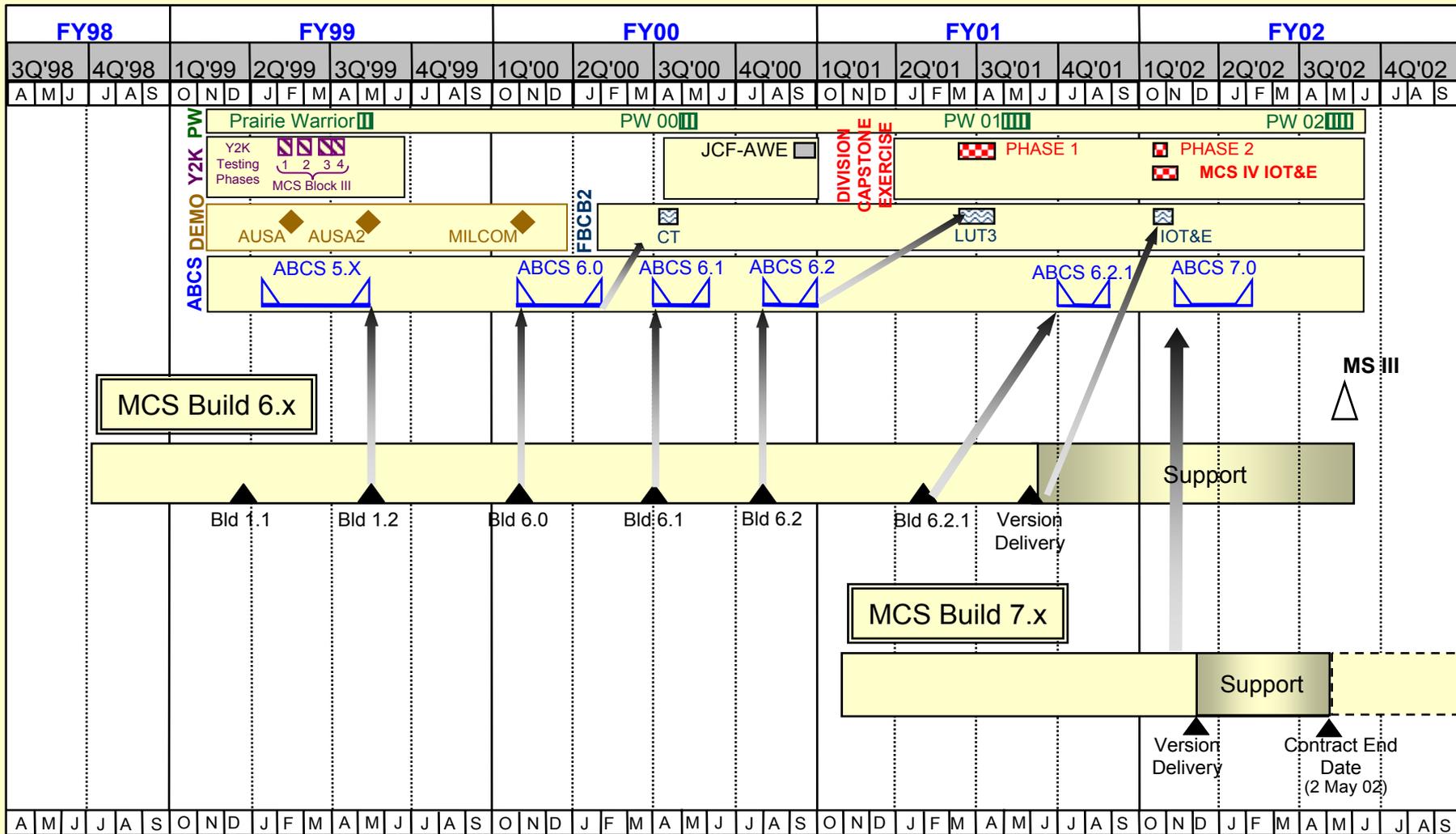


# MCS Modular Contracting Implementation

- **The Lockheed Martin contract schedule lines up the MCS software delivery functionality with the FDD ABCS efforts.**
- **The MCS Modular Contracting Implementation Plan was approved by OSD and incorporated into the current Acquisition Strategy Report**
- **Modular Contracting fully implemented in accordance with the approved plan**
  - **Performance measurement baseline consists of detail planning for current six months effort**
  - **Subsequent effort is kept in higher level planning packages**



# MCS SCHEDULE





# 4ID Upgrade/FDD Master Schedule v 4.0

## Key Master Events

## ABCS Development

## ABCS

## Network Mgmt.

## COMMS

## TOCs

## Systems Architecture

