

The Boeing Company

Single Earned Value Management System (EVMS)

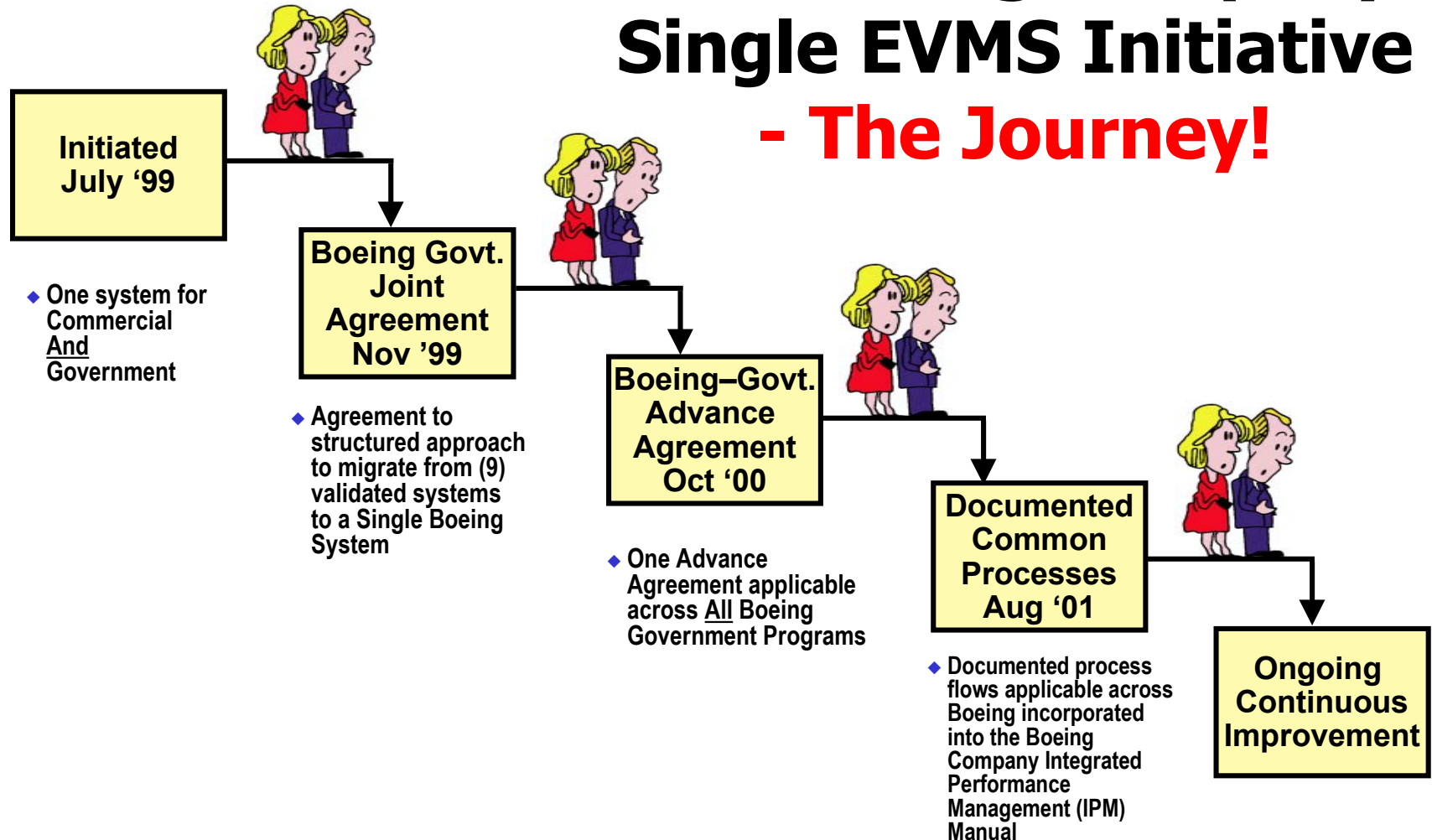
Robbie Robinson
13th Annual International Conference
14-17 November

The Boeing Company EVM Initiative —

**A Single Boeing EVMS Applicable in
a Government and in a Commercial
Environment.**

**Effort Initiated in July '99; in effect
on 31 October '00**

The Boeing Company Single EVMS Initiative - The Journey!



Coordination/Communication — A Key To Success-To-Date!

CY 1999

External

- ◆ Local Boeing DCMA Representatives
- ◆ Tom Bryant, Acting-Director, DCMA EVM Center
- ◆ Lt. Col. Castaldo, DCMA Commander, Boeing - Huntington Beach
- ◆ Gary Christle, Office of the Under Secretary of Defense - DOD
- ◆ Col. Crandall, DCMA Commander, Boeing - Long Beach
- ◆ Tony Finefield, EVMS Focal Point, AF Space Division
- ◆ Bill Gibson, DCMA HQ
- ◆ Jill Pettibone, Executive Director, DCMA Contract Management Operations
- ◆ Jeff Saxon, NASA Headquarters
- ◆ Steve Trautwein, Corporate Administrative Contracting Officer
- ◆ Col. Williams, Boeing DCMA Lead Commander
- ◆ 11th Annual International Integrated Program Management Conference - Washington, D.C.

Internal

- ◆ EVMS Users Group
- ◆ EVMS Implementation Leads
- ◆ Controllers/Finance Division Directors
- ◆ Contracts And Pricing Council - Boeing
- ◆ Program Management Councils
- ◆ Site Management Council - Seattle
- ◆ Joint Management Councils - (JMC)
- ◆ Company Offices
- ◆ Joint Leadership Council (JLC)

CY 2000

External

- ◆ Local DCMA Representatives
- ◆ JPAT Government Representatives - DCMA and NASA
- ◆ Boeing DCMA Lead Commander
- ◆ Bill Gibson, DCMA Headquarters
- ◆ Bob Schmitt, Executive Director, DCMA Headquarters
- ◆ Steve Krivokopich, DCMA EVM Center
- ◆ Gary Christle, OSD
 - ◆ Peter Lennon
- ◆ EVM Process/Steering Council, Govt. Reps.
- ◆ U.S. Airforce Acquisitions
- ◆ National Defense Industrial Association (NDIA)
- ◆ Ballistic Missile Defense Organization (BMDO) - NMD-LSI
- ◆ 12th Annual International Integrated Program Management Conference - Washington, D.C.
- ◆ CPM 16th Annual International Conference - Clearwater
- ◆ DCMA Conference - San Antonio

Internal

- ◆ EVM Users Groups
- ◆ EVM Implementation Leads
- ◆ Company Offices
- ◆ Business Operations Council
- ◆ Controllers Council
- ◆ Site Management Council - Seattle
- ◆ Group Program Management Councils
- ◆ Group Joint Management Councils (JMC)

CY 2001

External

- ◆ U. S. Army Acquisitions
- ◆ Office of the Assistant Secretary of the Navy
- ◆ National Reconnaissance Office(NRO)
- ◆ National Defense Industrial Association (NDIA)
- ◆ S&C DCMA Commander, Col. Gomez
- ◆ DCMA Conference
- ◆ DCMA Headquarters
- ◆ EVM Process/Steering Council, Government Representatives
- ◆ Federal Aviation Administration (FAA)
- ◆ 17th Annual CPM International Conference
- ◆ NASA Headquarters
- ◆ A&M So. Ca. DCMA Commander, Col. McNease

Planned/Anticipated

- ◆ 13th Annual International IPM Conference
- ◆ Service Agencies Revisits
- ◆ New Boeing Lead DCMA Cmdr. – Captain Clark

Internal

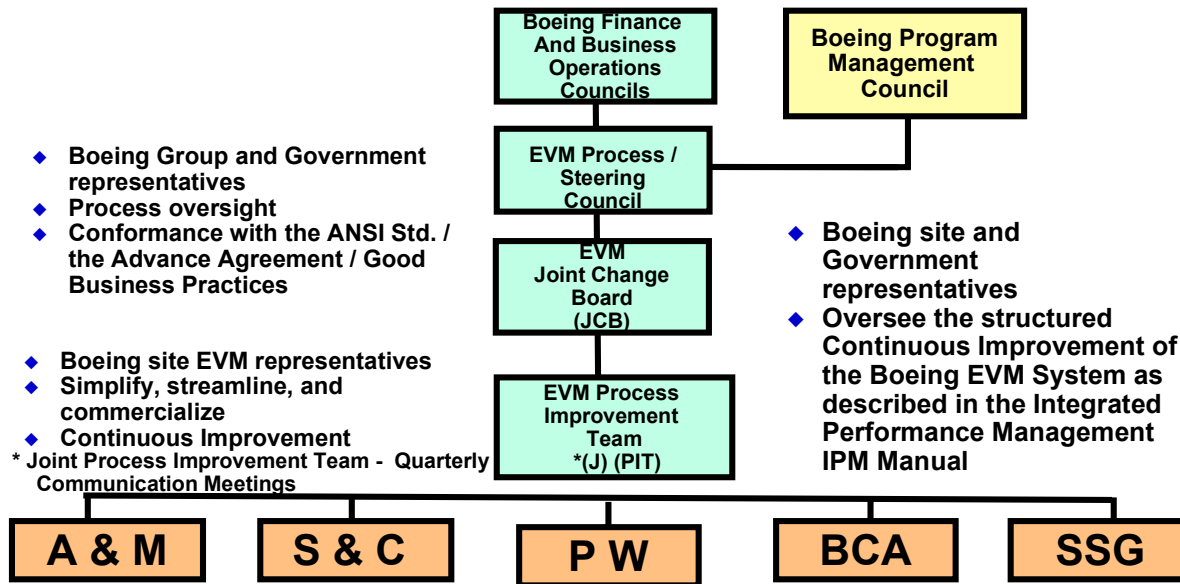
- ◆ EVM Users Groups
- ◆ Joint Leadership Council (JLC)
- ◆ Air Traffic Management (ATM)

Planned/Anticipated

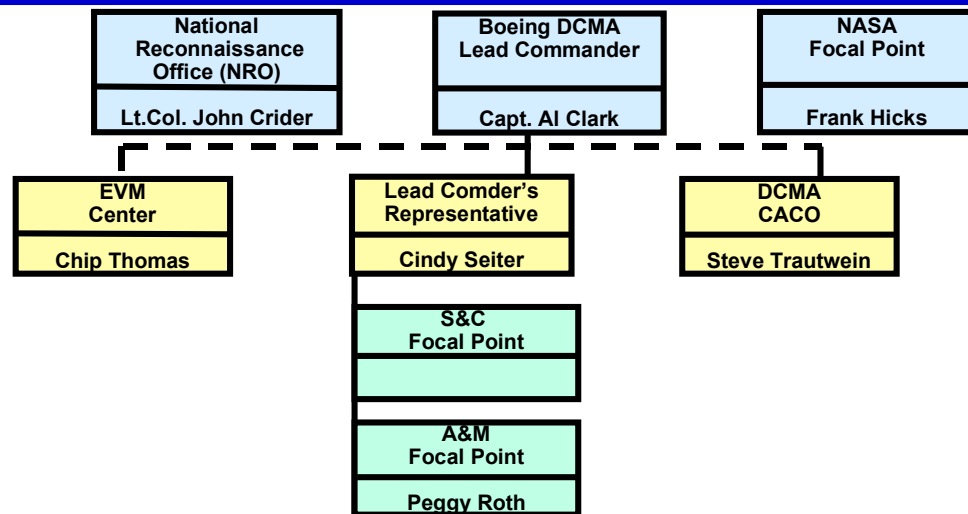
- ◆ Program Management Councils
- ◆ Joint Management Councils

Today's Reporting Structure, i.e. - Actions at the Appropriate Level!

Boeing - Government

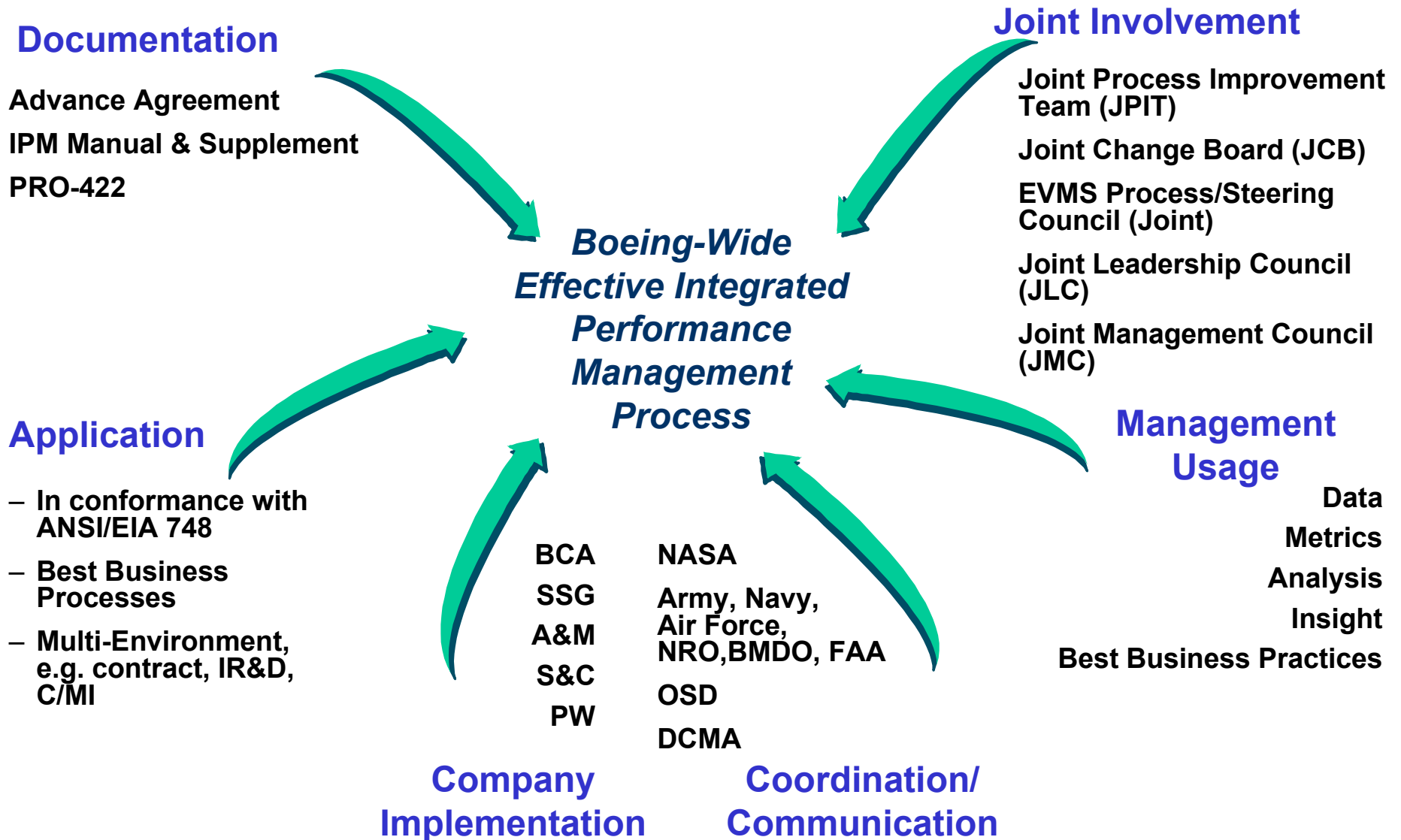


Primary Government Support Team



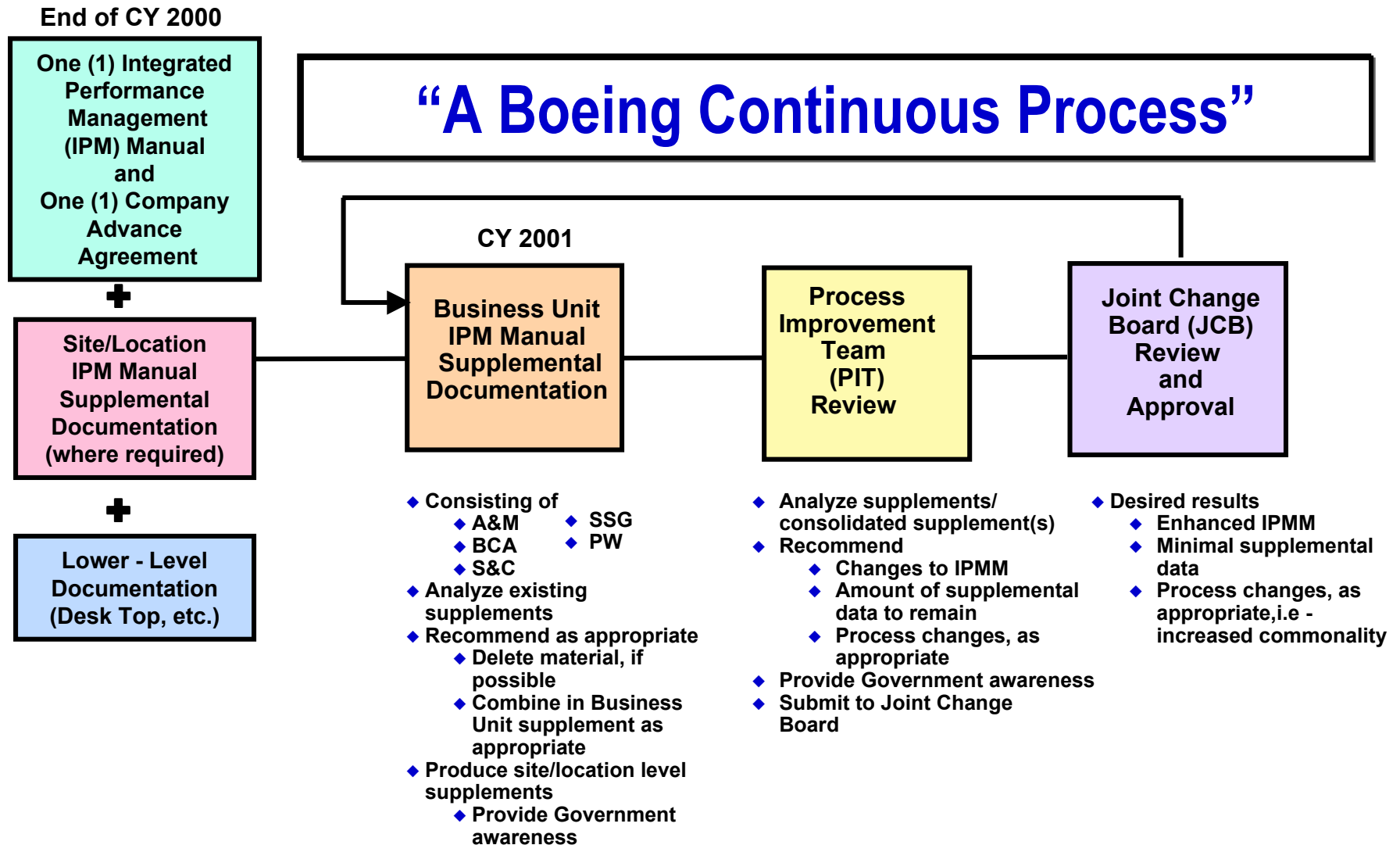
Boeing EVMS Stakeholder Model

— It All Comes Together —

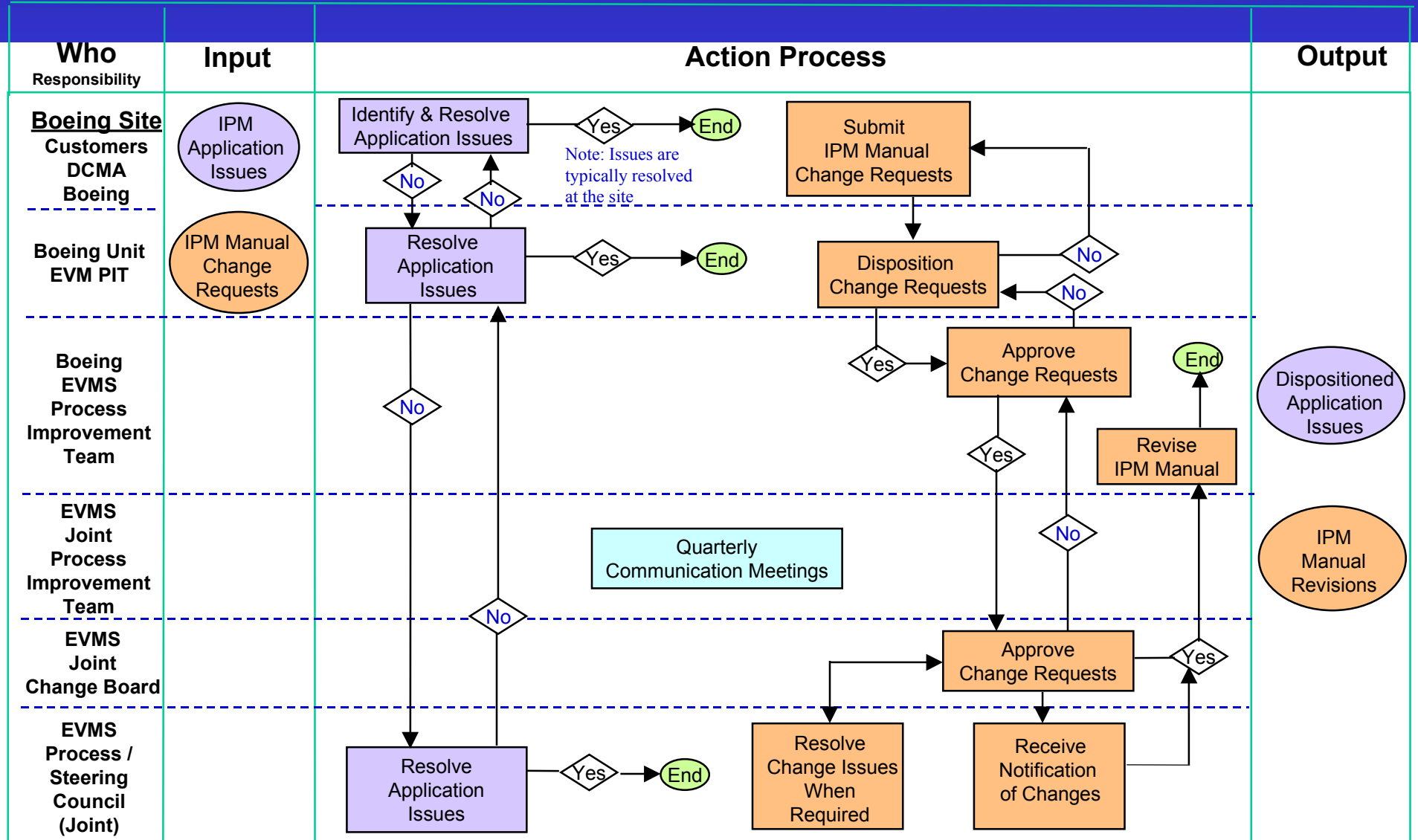


CY 2001 Improvements

A Structured Approach To Common Documentation Improvement

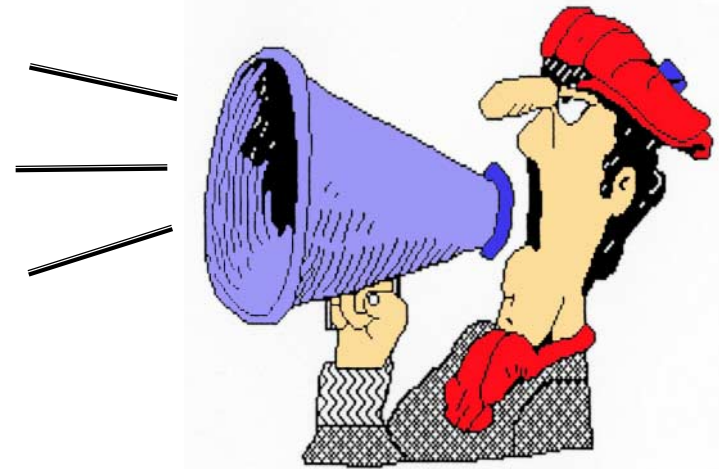


Boeing EVMS Changes - A Disciplined Process !



Commercial Application — It's On The Move!

**Yes, we are implementing
Earned Value, doing it
smartly, and making
continuous progress!!!**



(BCA/SSG)

EVMS Deployment Activity

- ◆ Aircraft programs
- ◆ Aircraft derivatives
- ◆ Strategic initiatives
- ◆ Boeing-wide systems
- ◆ Etc.

Significant EVMS Training

- ◆ EVMS basics
- ◆ EVMS processes
- ◆ Management usage
- ◆ Reporting
- ◆ Etc.

Bottom Line: The Initiative is ALSO working in a Commercial environment!

Other CY 2001 Improvements —

- ◆ Documented Boeing process flows
- ◆ Reduced “Supplemental” documentation
- ◆ Initiated Joint Process Improvement Team (JPIT)
- ◆ Conducted Joint Change Board (JCB)
- ◆ Revised and issued the Integrated Performance Management (IPM) Manual

Ongoing "Best Business" Practice

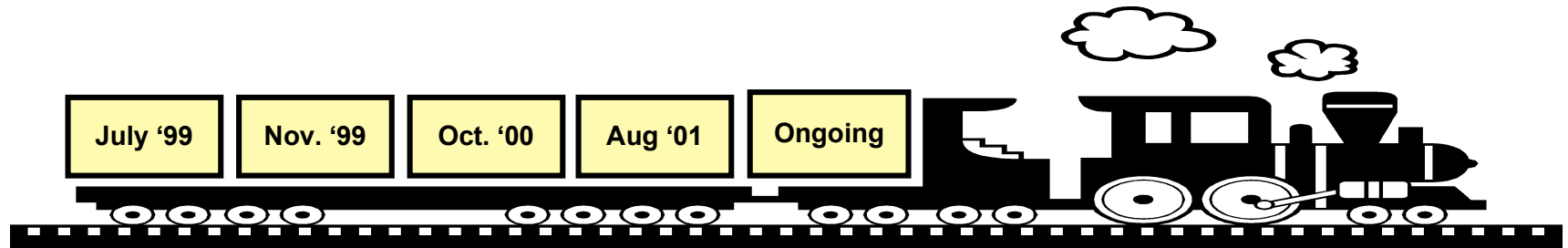
Joint Surveillance / Verification —

Ah-ha! They're still
in conformance!



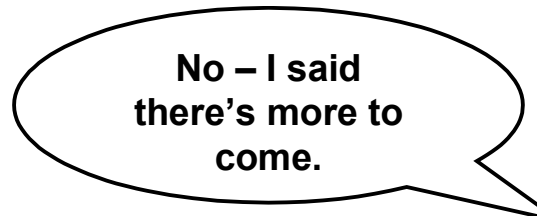
- ◆ Boeing best business practice
- ◆ Uninterrupted by Initiative Activity
- ◆ Government participation
- ◆ Documented in The Boeing Manual and in Business Unit documentation
- ◆ Supports Advance Agreement
- ◆ Structured to resolve actions/ issues at the appropriate level

Benefits To Date Have Been Right On Track !!



- ◆ One System across Boeing
- ◆ Documented common processes
- ◆ Joint Change Board Control
- ◆ Boeing – Government Agreement and Communication
- ◆ Reduced documentation (Approximately 75%)
- ◆ Effective Joint Councils
- ◆ Commercial involvement
- ◆ Improved transportability of people, training, and communication
- ◆ No disruption to ongoing business/programs

Boeing Goals – Balance of CY 2001



- ◆ Integration of Boeing Satellite Systems (formerly Hughes) into Single Boeing EVMS – Target is 4 QTR '01
- ◆ Continuous movement toward –
 - ◆ Increased common documentation
 - ◆ Reduction in site/group/program peculiar documentation
- ◆ Continuous Communication, Coordination, and Training -
 - ◆ Government
 - ◆ Boeing Management
 - ◆ Programs
 - ◆ Sites
 - ◆ Etc.

The Boeing Company EVM Initiative Today —

**A Single Boeing EVMS Applicable in
A Government *and* in a Commercial
Environment.**

**The Single Boeing EVMS Applies
Across The Boeing Company With
One Company Advance Agreement.**

What's In The Future ? —



- ◆ Deployment of common cost/schedule software
- ◆ Improved and implemented systems and processes
- ◆ Constant “search” for enhanced “decision-making” data for all management levels
- ◆ Commercial and Government practices “interchangeable”
- ◆ Recognition by the Government of Boeing’s System ownership

The Desired End State —

