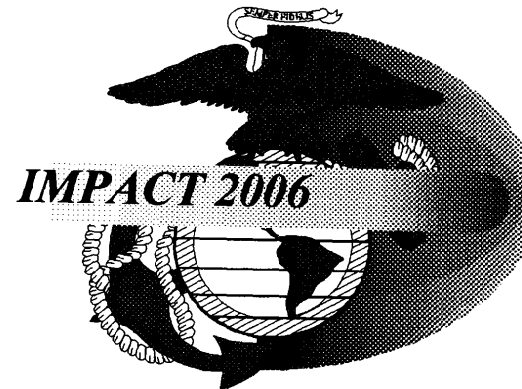


C4I-00017



Achieving a  
**DOTES-Integrated C4I System**  
by 2006



**Presented by BGen Robert Shea**  
**AC/S, C4I, HQMC**

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# AGENDA

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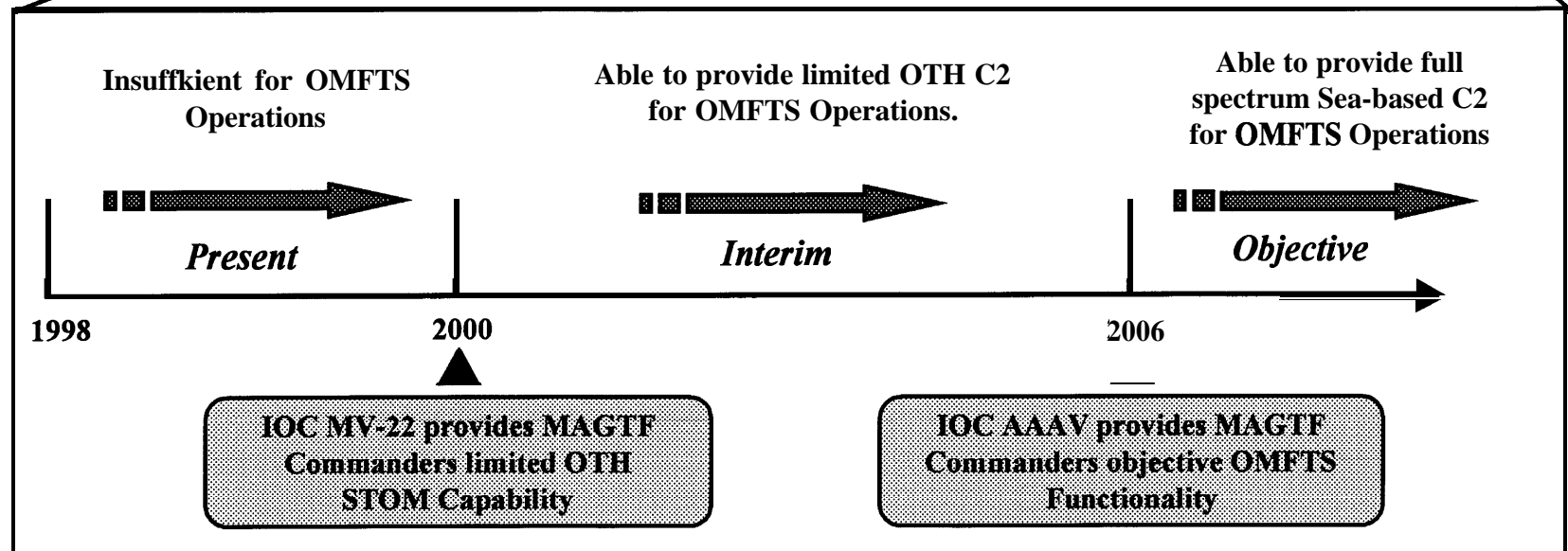
- 1. Review of Tasking**
- 2. Current Actions**
- 3. The Implementation Plan Roadmap**
- 4. Challenges and Issues**



# CPG FRAG ORDER TASK

“Develop a plan to *improve upon*, coordinate, synchronize, and standardize our command and control efforts in order to achieve a completely DOTES integrated Marine Corps C4I system by 2006”.

Timelines for  
OMFTS  
Operational  
Functionality







# Instilling C4 Discipline

## Providing Necessary Policies

Overarching IT Policy (ALMAR 135/98)	C4I, HQMC	6 Apr 98
Common Configurations (ALMAR 154/98)	MCCDC	21 Apr 98
CMC Green Letter	C4I, HQMC	11 Jun 98
Accountability/Divestiture	I&L, C4I	Aug 98
Acquisition/Buyer's Guide	SYSCOM	Aug 98
Migration Policies	C4I, HQMC	Sep 98
Maintenance & Support	SYSCOM	Sep 98

## Integrating IT Requirements

Establish T/O and T/Es for IT Infrastructure	MCCDC	May 99
Develop Architectural Products (TO-BE)	MCCDC	Aug 99
Realign ORDs to Support IT Infrastructure	MCCDC	Jan 00

## Centralize Acquisition Management

Establish PM Information Systems	SYSCOM	1 Apr 98
Implement Buyer's Guide	SYSCOM	Aug 98
Centralized Procurement for Infrastructure Support	SYSCOM	Oct 99
Technology Refresh/Tiered User Concept	SYSCOM	Oct 99



## Instilling C4 Discipline (cont)

### **Establish Controls for Accountability**

Provide Guidance to Central Procurement Offices	Acquisition Policy	Aug 98
Implement IT Asset Tracking/Divestiture Procedures	Accountability Policy	Aug 98
IG/FSMAO Inspections	HQMC	Oct 98
Implement Network Tools for Asset Tracking	SYSCOM	Oct 01

### **Adjust Resource Allocation in POM**

POM 00 - Adjusted for Centralized Buy of Key Elements of Infrastructure

POM 02 and Beyond - All General Purpose IT Infrastructure In-Core



## A DOTES INTEGRATED C4I SYSTEM BY 2006

*Requires the development of a disciplined framework*

### ➡ A Plan for a “System of Systems”

***INCLUDES:*** Experimentation, Hardware, Software, Doctrine, Structure, Processes, Training, Policies, and Procedures

### ➡ A Plan That Seeks to *Improve Upon* the Existing DOTES Foundation and Work Within the CDS

- Integrates information and jointness into the DOTES equation.
- Improves Coordination, Synchronization and Standardization of the CDS’ Information Management (IM) Process -- One of the 8 Major Processes of the CDS.

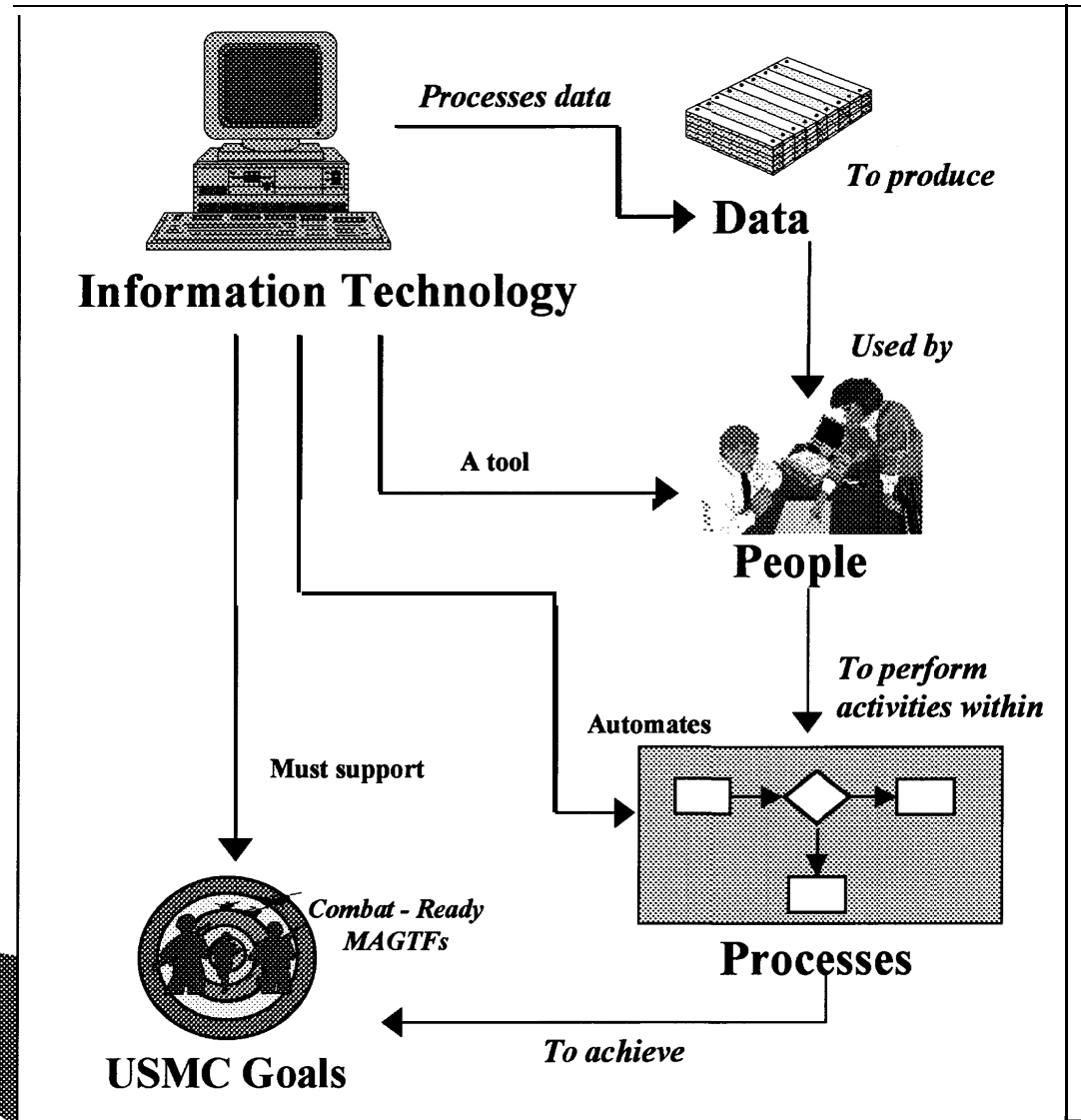
**Key Underlying  
Concept**

# THE INFORMATION MANAGEMENT PROCESS

The “Information Management Process” is concerned with

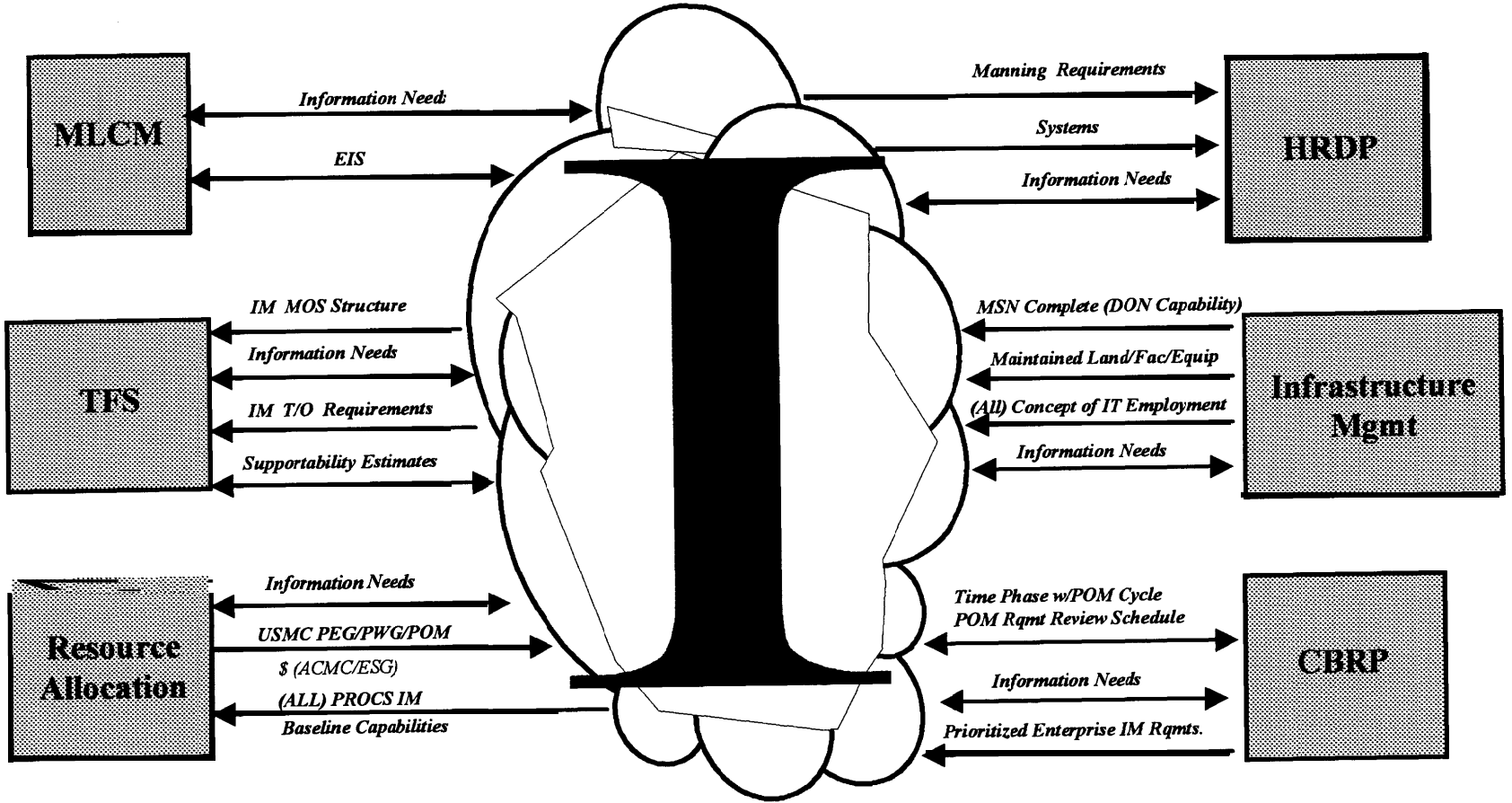
- \* Information Technology
- \* Data
- \* People
- \* Processes

and how they interact together to support **COMBAT-READY MAGTFs**.



**Key Underlying Concept**

**NOTIONAL LINKAGE TO OTHER PROCESSES**



Where

**IM  
Vision  
OMFTS**

*The Marine Corps must be able to reach and execute effective decisions faster than our adversaries, in any conflict, on any scale.*

CPG Frag Order

***Vision:***

**An adaptive, knowledge based organization that generates, uses, and shares the knowledge required to achieve information dominance and successfully employ the warfighting concept of OMFTS by the year 2006.**

Source: IMEP

***Characteristics:***

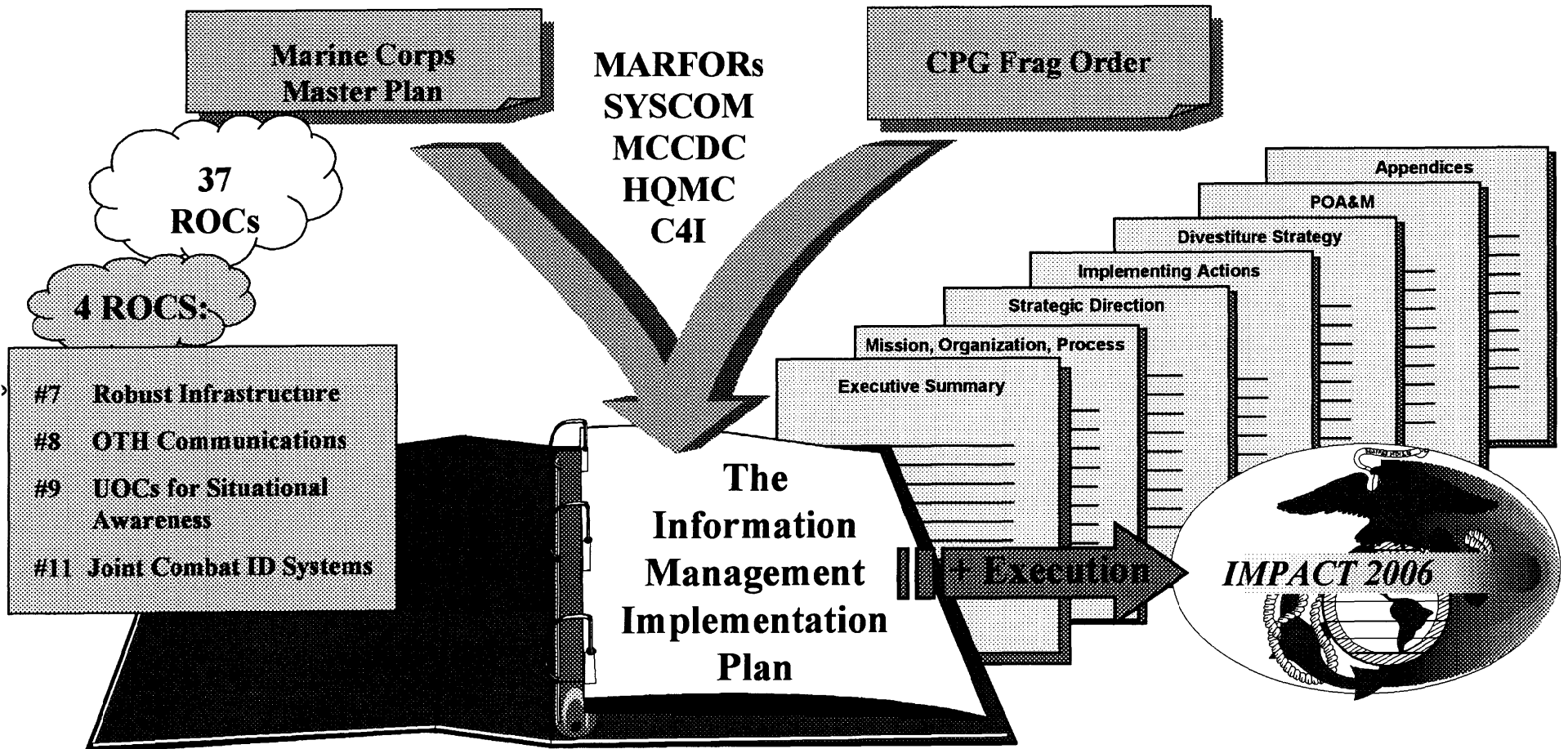
- **Secure and rapid access to reliable and relevant information at any time, in any place**
- **Rapid and innovative response to new information requirements & challenges**
- **Skilled people & flexible work processes**
- **Rigorously maintained warehouse of information**
- **Solid and robust technical infrastructure**
- **Built on Joint doctrine and programs**

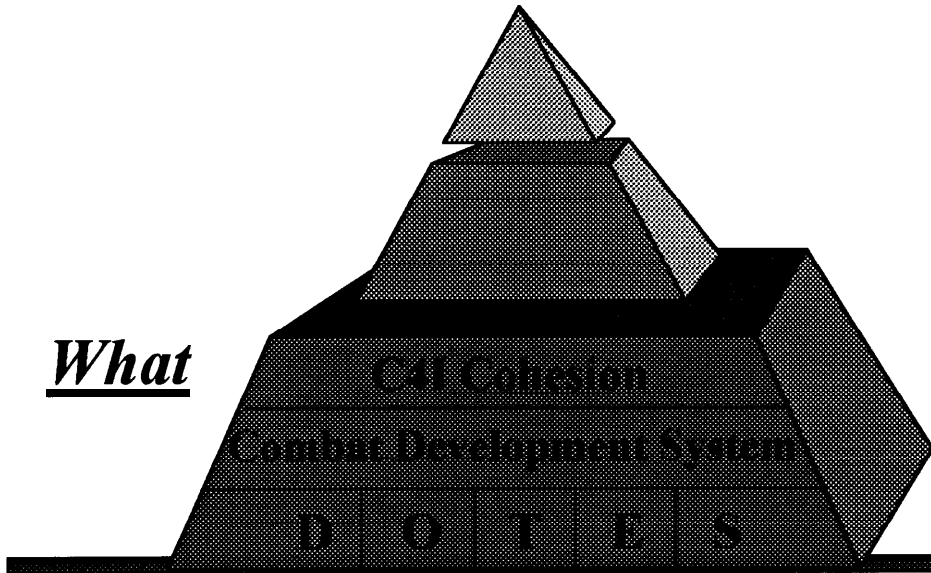
Way

Coordinate,  
Synchronize,  
Standardize  
Plan and Execute

*Develop a plan to improve upon,  
coordinate, synchronize, and standardize  
our command and control efforts.*

CPG Frag Order

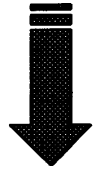




*We need a higher degree of C4I cohesion to field an OMFTS force.*

CPG Frag Order

The "Old" Way

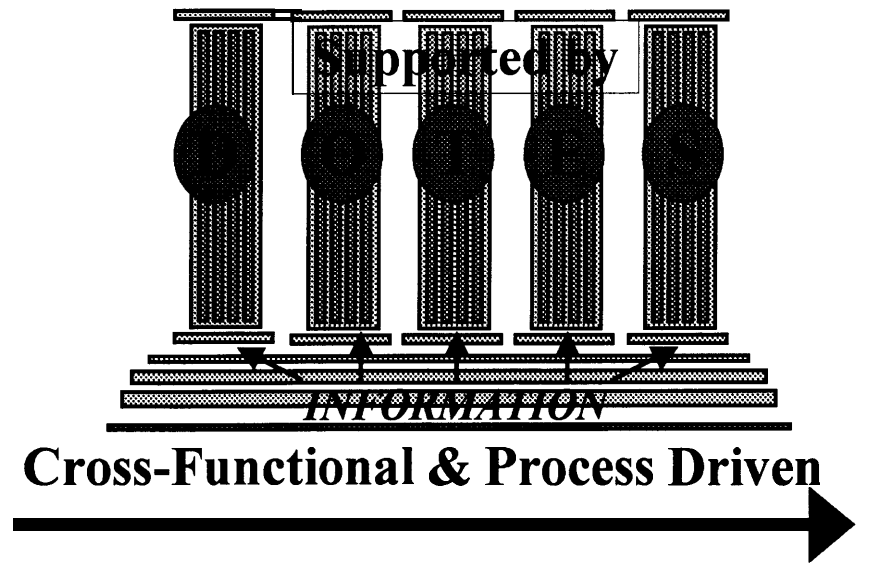


"E" Driven  
 and  
 Stovepiped

The "IMPROVED" Way



Concept Driven  
 ( Capstone is *OMFTS* )



How

High Quality Customer Service

Information, People, Technology

The "Process" Focus

Process



**Continuously Improve the Information Management Process.**



**Implement the IM Process.**



**Accept Process Management as a Way of Life.**

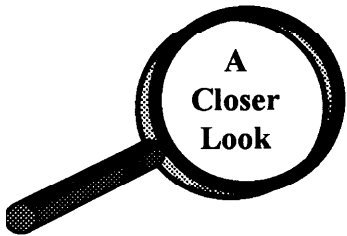
How

Strategies & Actions

**Processes**

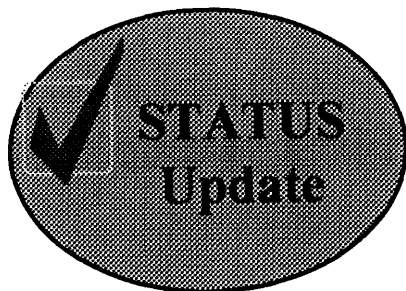
Creating OMFIS Capabilities

Some Key Actions:



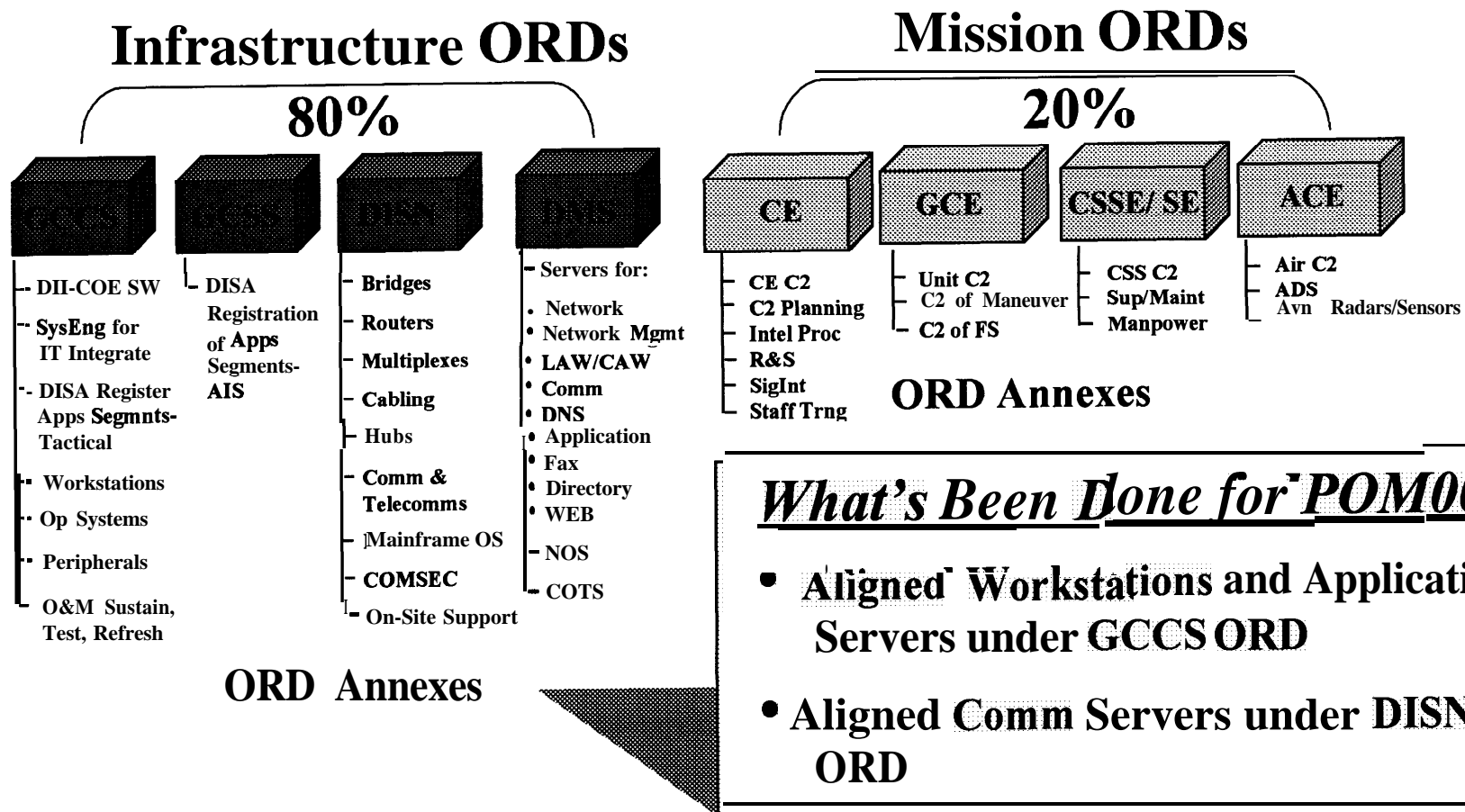
- ✓ Implement and Sustain the Information Management Process.
  - Establish and Sustain a Permanent IM Process Management Team.
  - ✓ Complete the Consolidation of IT Acquisitions at MARCORSSYSCOM.
    - Sustain Collaborative Board to Select and Monitor IT Investments.
      - ✓ Institutionalize the C4I Requirements & Acquisition Strategy.
      - ✓ Develop Supporting IM Policies.

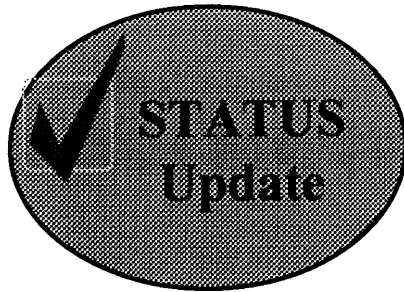
✓ Is a Current, Active Initiative



# Unified MAGTF C4I

## A Structure of ORDs and Annexes

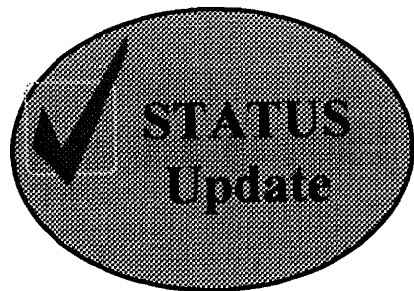




## Unified MAGTF C4I

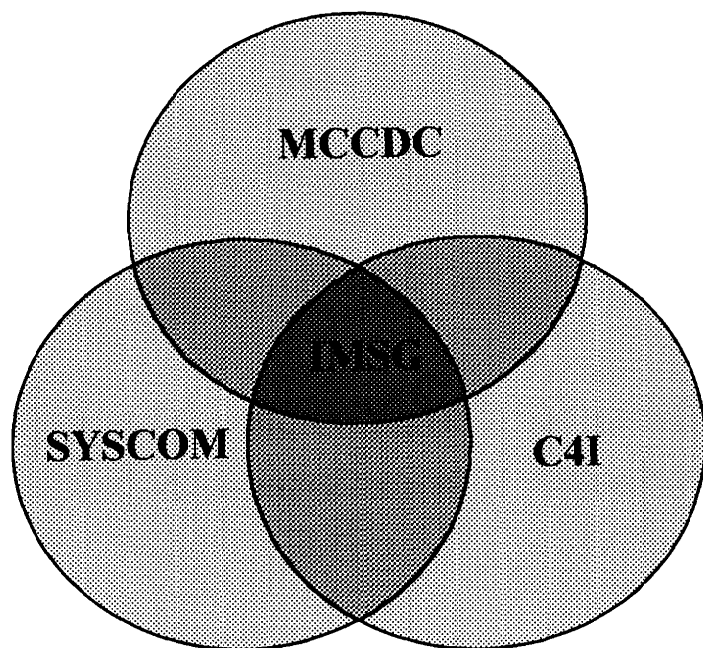
### Policies and Guidance

- ✓ **Overarching Direction - ALMAR 135/98**
- ✓ **Standard Configuration - ALMAR 154/98**
- ✓ **Green Letter - 11 Jun 98**
  - **Acquisition ALMAR (Aug 98)**
  - **Accountability ALMAR (Aug 98)**
  - **Buyers Guide ALMAR (Aug 98)**
  - **Maintenance & Support ALMAR (Sep 98)**
  - **Migration ALMARs (Sep 98)**



## Unified MAGTF C4I

### Organizational Realignment

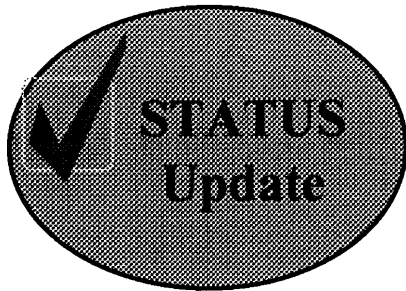


### Who's in Charge?

AC/S, C4I

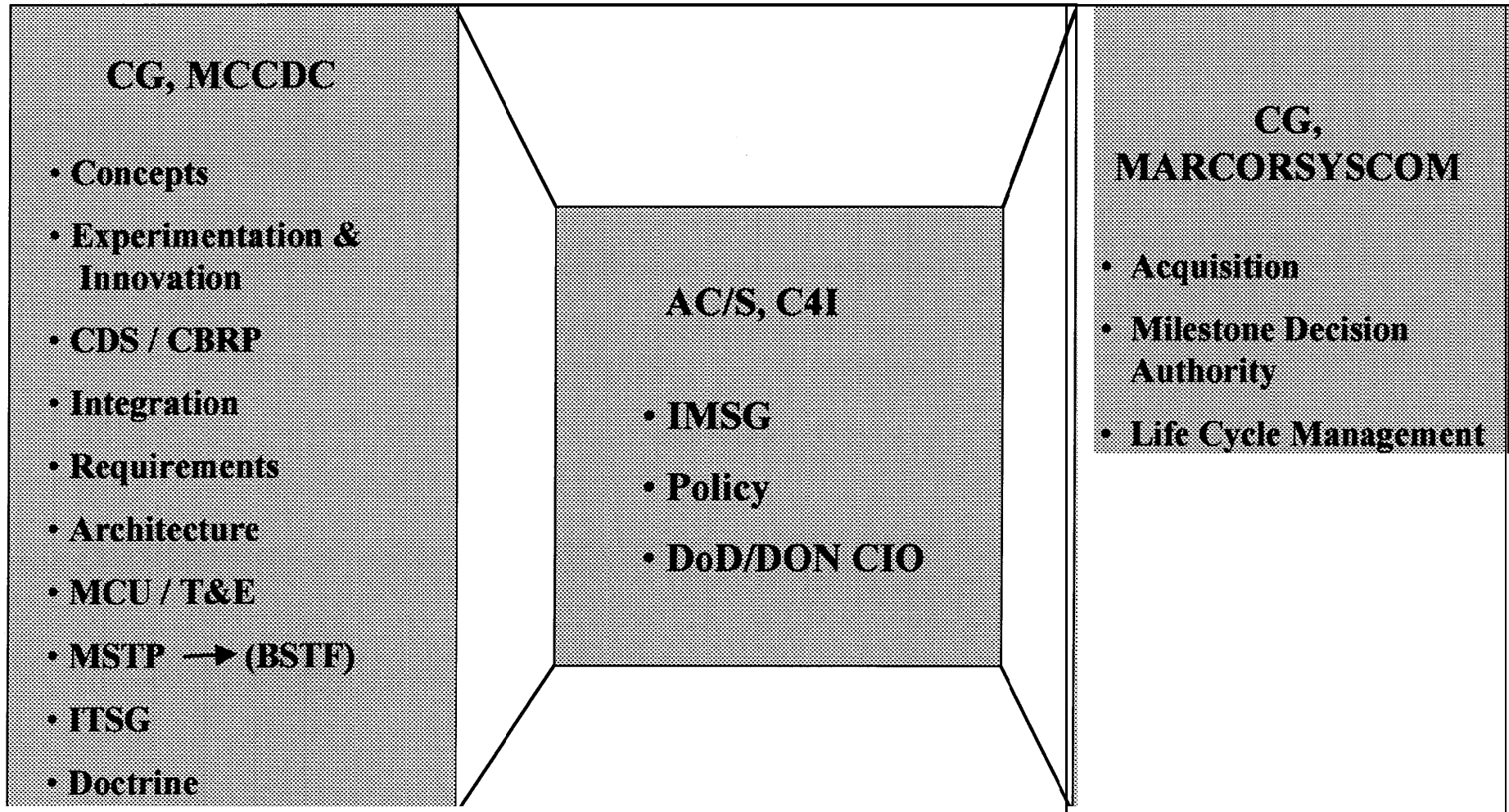
### What's Being Done:

1. Tactical and Non-Tactical Requirements Consolidating at MCCDC
2. IT Acquisition Consolidated at MARCORSYSCOM
3. Continue Clarifying Roles & Responsibilities



# Who's in Charge?

## AC/S, C4I



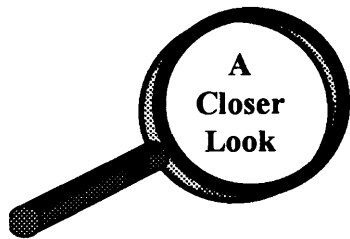
How

Strategies & Actions

**Information**

Creating OMFTS Capabilities

Some Key Actions:



**Develop and Maintain a Data Model for Existing Systems and the Enterprise.**

- **Acquire Standard Data Tools for Building Models, Repositories, Dictionaries.**

- **Develop the Enterprise-wide Data Architecture.**



**Define and Standup the Organization to Support a Data Infrastructure.**

- **Develop and Implement an Information Assurance Program.**

- **Develop and Implement a Data Warehouse.**

- **Establish a Central Data Repository.**



**Is a Current, Active Initiative**

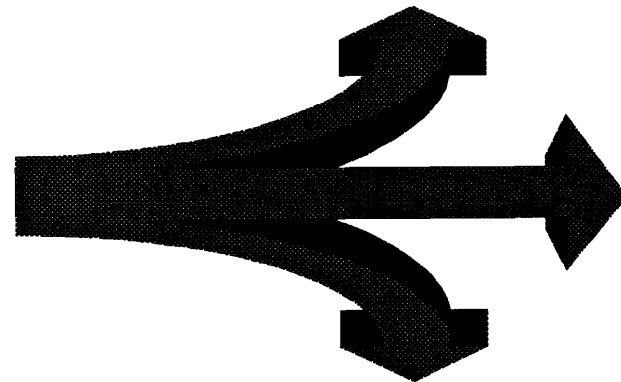
How

Market Drivers, GIS, Networks,  
Processes, Information, People

The "Technology" Focus

Technology) /

**3 Major  
Underlying  
Themes**

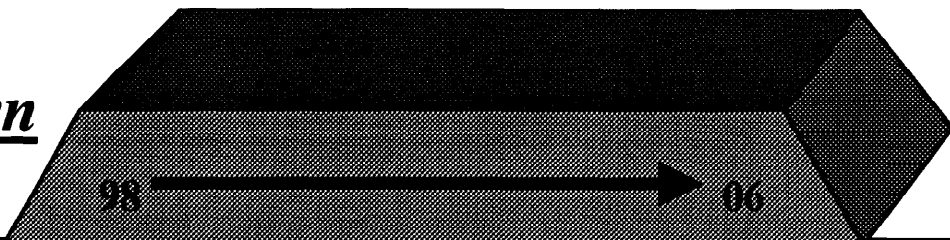


**Architecture & Standards**

**Asset Management**

**Industry Partnerships**

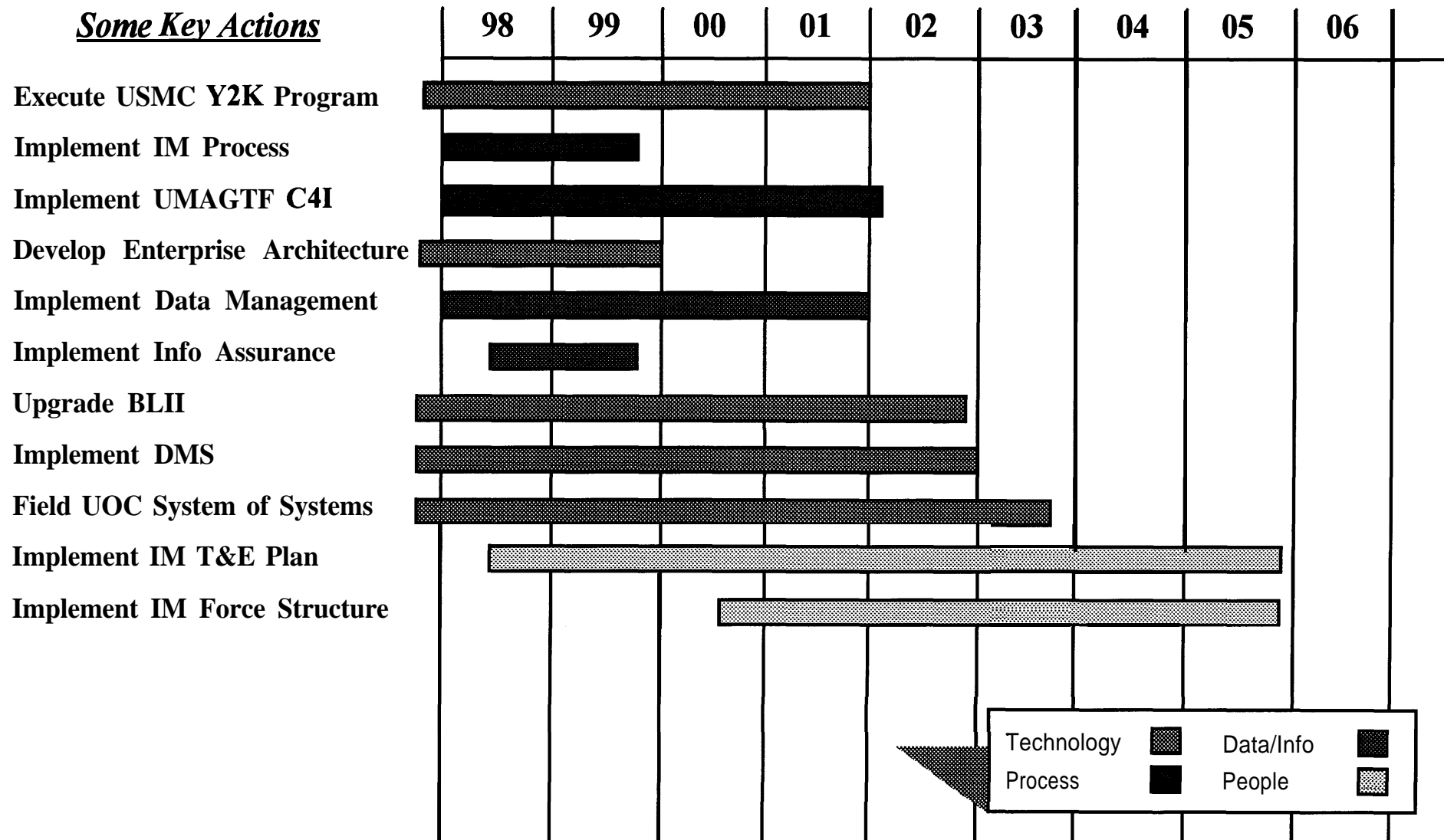
When



*...Achieve a completely DOTES integrated Marine Corps C4I system by 2006.*

CPG Frag Order

Some Key Actions



# A DOTES INTEGRATED C4I SYSTEM BY 2006

## CHALLENGES & ISSUES

### *Maturity of the CDS and the Supporting IM Process*

- **Instilling CDS and IM Discipline Corps-wide**
- **Staying the Course -- Encouraging Innovations**
- **Resource Realignment -- \$\$ and People**
- **External Factors**
- **Cross-Functional Integration at the Enterprise Level**
- **IM Performance Management**
- **Execution that is Process-Driven**



## SUMMARY

- ✓ **Leadership is in Place:**
  - **CI<sub>o</sub> in Charge**
  - **IMSG/ITSG**
  
- ✓ **Management Tool:**
  - **IM Implementation Plan**
  
- ✓ **Enforcement Controls:**
  - **ALMARs**
  - **CMC Green Letter**