

CENTER FOR STANDARDS
JOINT INTEROPERABILITY & ENGINEERING ORGANIZATION
DEFENSE INFORMATION SYSTEMS AGENCY

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DSN 364-3229

OUTLINE

- **WHY WE EXIST**
- **WHAT IS OUR MISSION**
- **HOW WE ARE ORGANIZED**
- **HOW WE DO BUSINESS**
- **CURRENT ACTIVITIES**
- **SUMMARY**

BACKGROUND

- **INTEROPERABILITY IMPROVEMENT PROGRAM (IIP)** 9 AUG 90
- **JOINT REQUIREMENTS OVERSIGHT COUNCIL (JROC) CONCEPT APPROVAL** 25 OCT 90
- **ASD (C3I) ASSIGNED CORPORATE INFORMATION MANAGEMENT (CIM) RESPONSIBILITIES** 16 NOV 90
- **DEPSECDEF RESPONSE TO JROC** 6 DEC 90
- **DISA ASSIGNED EXECUTIVE AGENT FOR DOD STANDARDS BY ASD (C3I)** 3 SEP 91

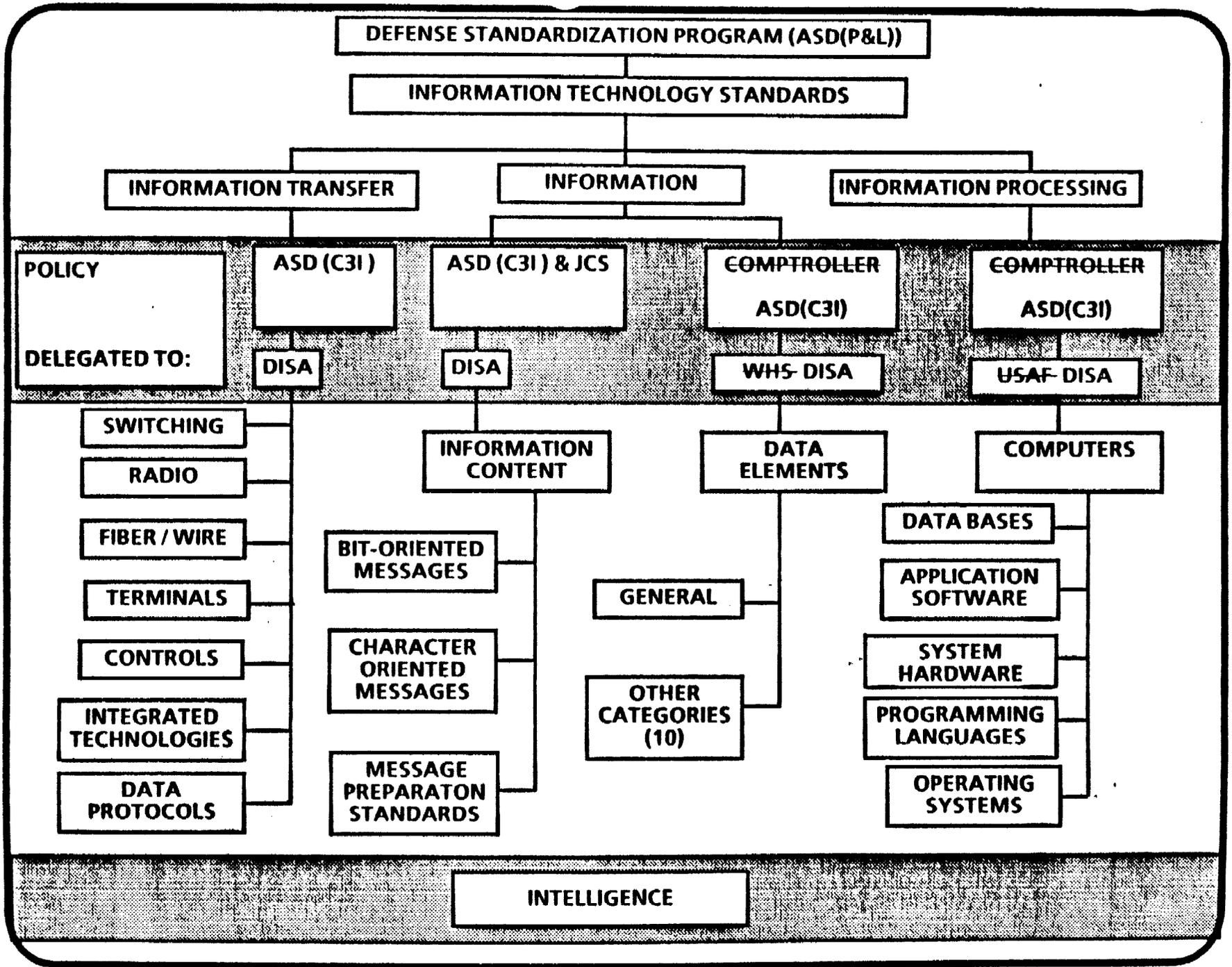
CENTER FOR STANDARDS CHARTER

**"ASSIGNED EXECUTIVE AGENT RESPONSIBILITY
FOR COORDINATING AND INTEGRATING
THE DEPARTMENT'S INFORMATION STANDARDS
ACTIVITIES TO THE DIRECTOR, DISA"**

**DUANE P. ANDREWS
ASD (C3I)
3 SEP 91**

INFORMATION STANDARDS

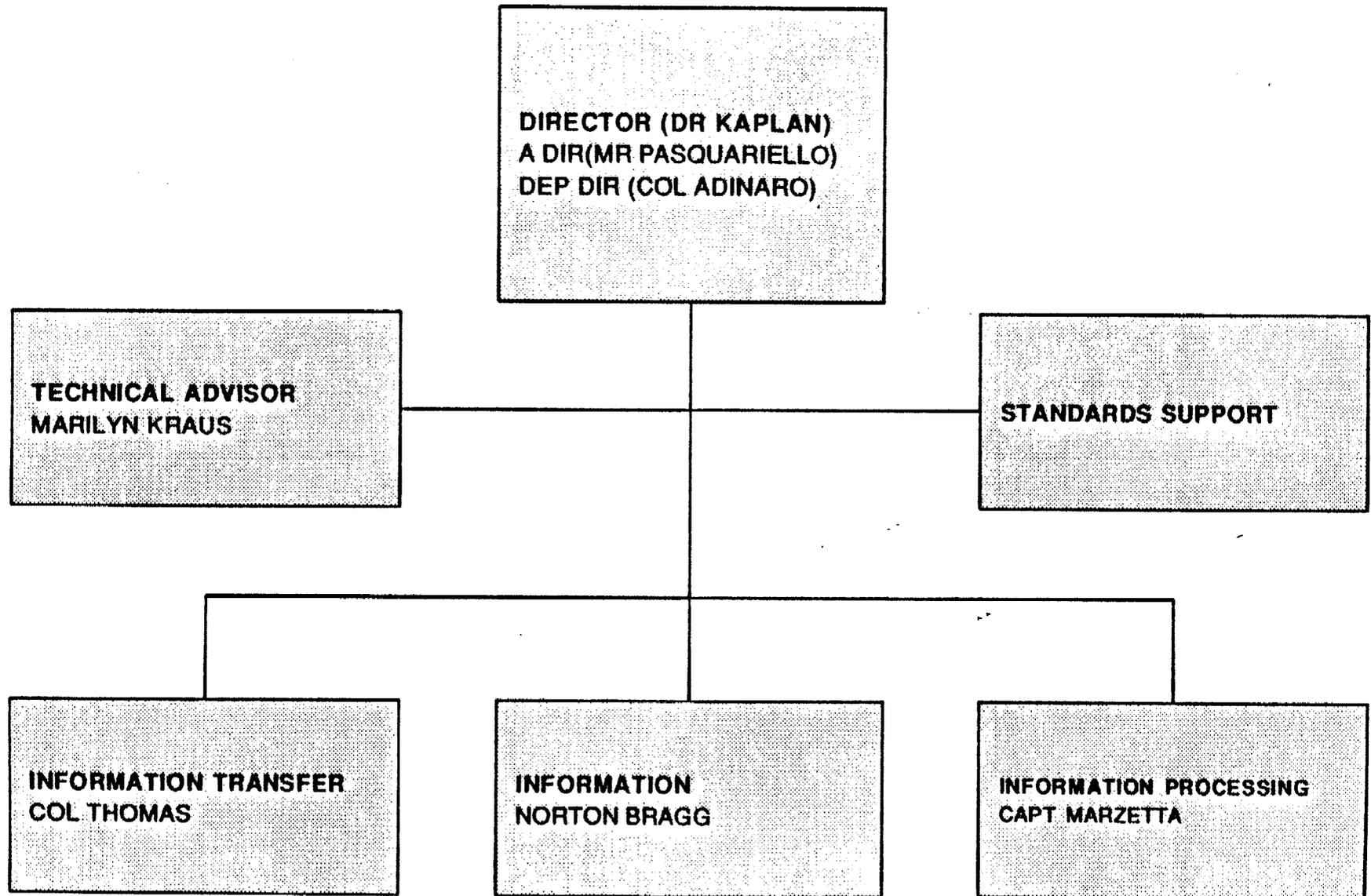
- **INCLUDES**
 - INFORMATION PROCESSING**
 - INFORMATION CONTENT**
 - INFORMATION FORMATS**
 - INFORMATION TRANSFER**
- **ACROSS ALL FUNCTIONAL AREAS**
 - BUSINESS**
 - COMMAND AND CONTROL**
 - COMMUNICATIONS**
 - INTELLIGENCE**



MISSION OF THE CENTER FOR STANDARDS

- **MAXIMIZE DoD MISSION AND COST EFFECTIVENESS
ACHIEVED THROUGH INFORMATION TECHNOLOGY STANDARDS**
 - **IDENTIFY DoD'S STANDARDS NEEDS**
 - **SUPPORT DoD'S STANDARDS NEEDS WITHIN LIMITS
OF RESOURCES**
 - ▶ **INFLUENCE INTERNATIONAL, VOLUNTARY, AND
GOVERNMENT STANDARDS**
 - ▶ **WRITE MILITARY STANDARDS**
 - **COORDINATE DoD'S STANDARDS ACTIVITIES**
 - **SUPPORT DoD'S STANDARDS COMPLIANCE PROCESS**

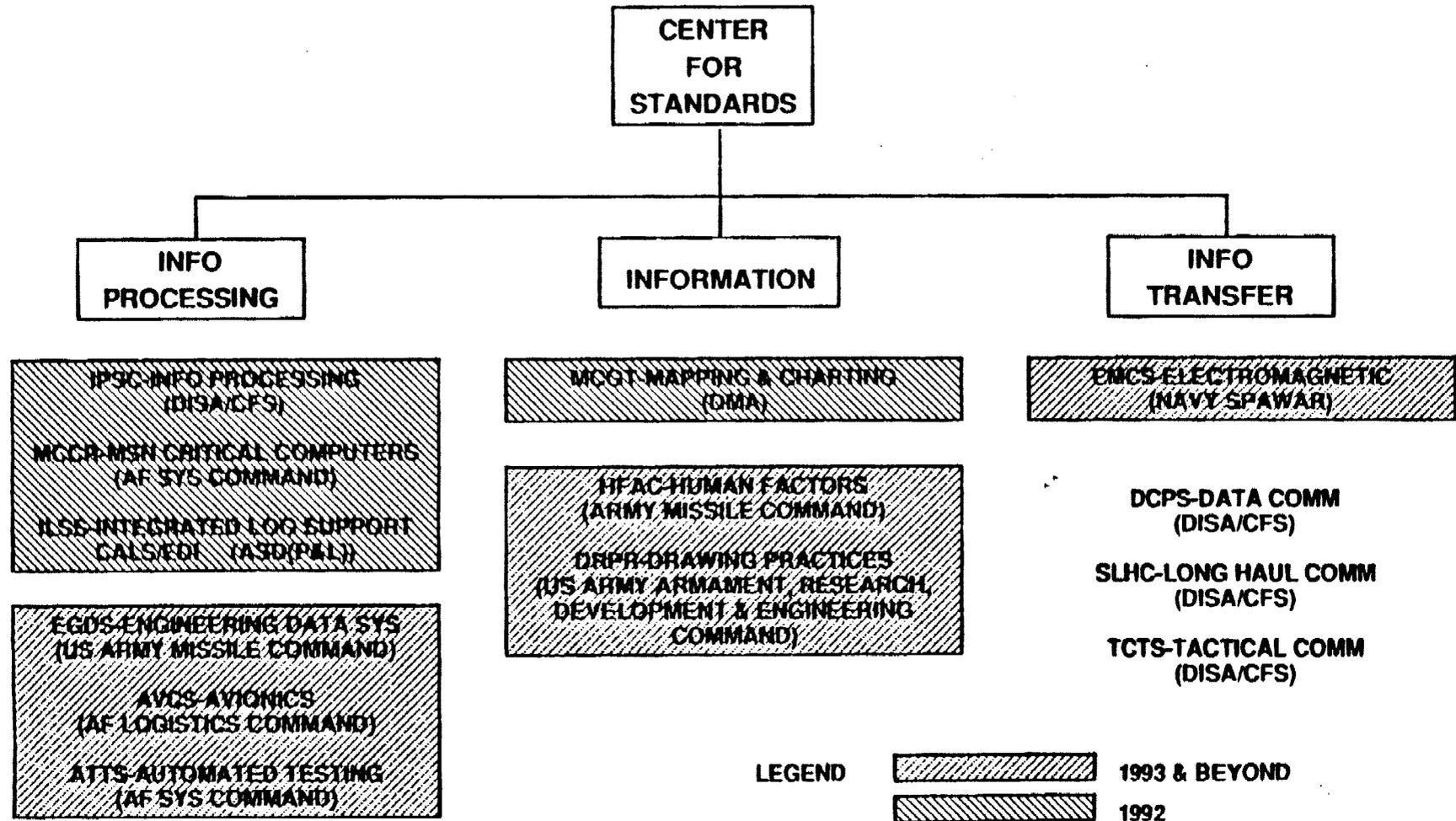
CFS ORGANIZATION



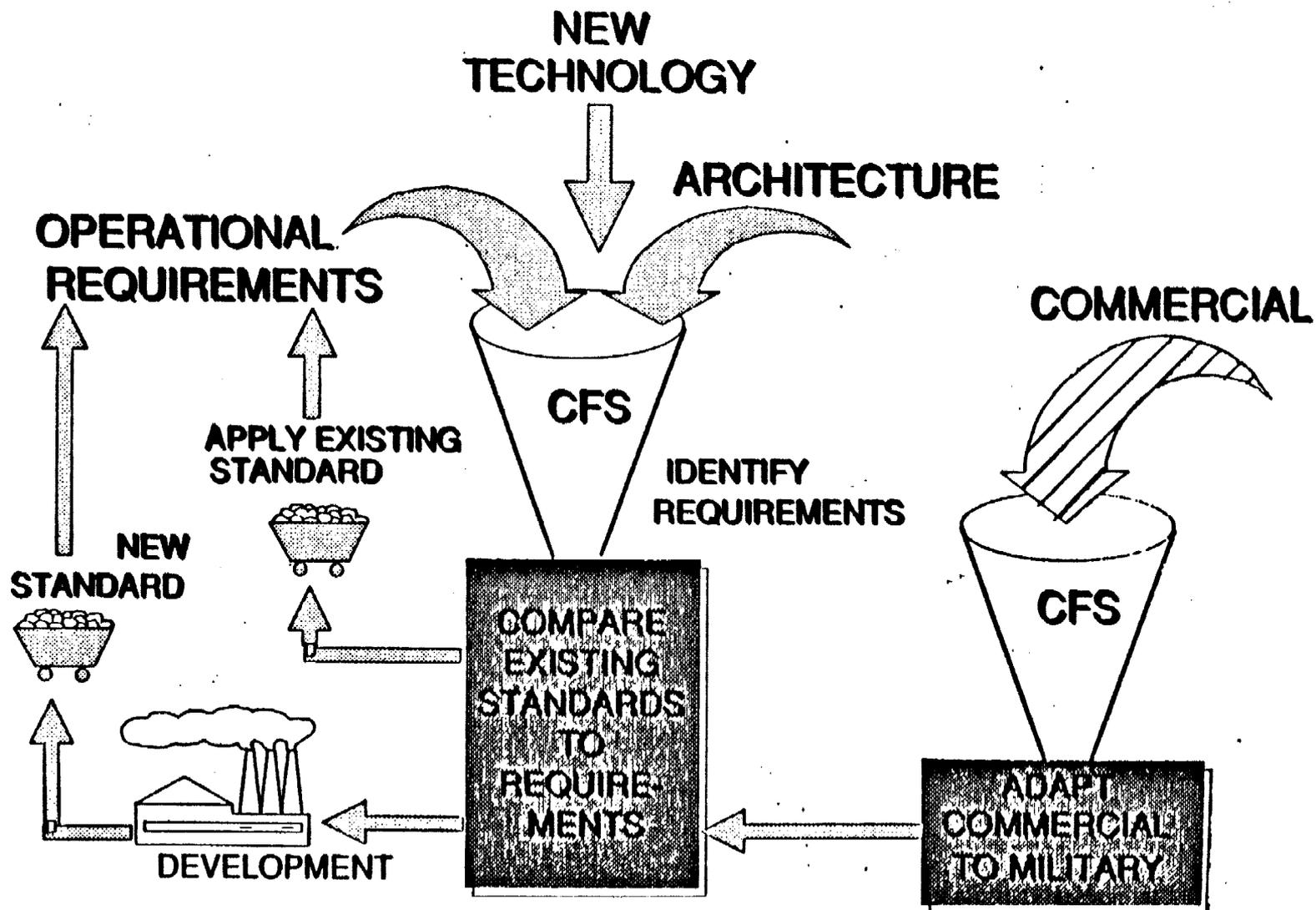
MAP OF STANDARDS AREAS

INFO PROCESSING	INFORMATION	INFO TRANSFER
<p>SYSTEMS SVCs -H/W, S/W, UIs</p> <p>APPLICATION SVCs -LANGUAGES -APPLICATIONS</p> <p>DATA SVCs -DATA MANAGEMENT -DATA REPORTING</p> <p>SYS INTEGRATION -SECURITY -INTEGRITY</p>	<p>MESSAGE TEXT FORMATS (MTF)</p> <p>TACTICAL DIGITAL INFO LINKS</p>	<p>TERMINALS & SIGNAL PROCESSING</p> <p>RADIOS</p> <p>DATA SYSTEMS</p> <p>PROTOCOLS</p> <p>SYSTEM INTEGRATION</p> <p>IMAGERY</p>
	<p>IMAGERY</p> <p>SYMBOLOLOGY</p> <p>MAPPING</p> <p>C3I DATA ELEMENTS</p> <p>EXTERNAL DATA ELEMENT HARMONIZATION</p> <p>MODELING & SIMULATION</p>	

DSP STANDARDIZATION AREAS MAPPED TO CFS



CENTER FOR STANDARDS (CFS)



DOD STANDARDS POLICY

- 1. COMMERCIAL**
 - A. INTERNATIONAL**
 - B. NATIONAL**
- 2. FEDERAL**
- 3. MILITARY STANDARD**

HOW WE IMPACT STANDARDS DEVELOPMENT

- WRITE STANDARDS
- MAINTAIN STANDARDS
(CONFIGURATION MANAGEMENT)
- IDENTIFY DOD REQUIREMENTS
- ESTABLISH DOD POSITIONS
- COORDINATE COMBINED STANDARDS
- COORDINATE COMMERCIAL STANDARDS
- COORDINATE FEDERAL STANDARDS

SOME AREAS OF INVOLVEMENT

- **OBJECT ORIENTED TECHNOLOGY (OOT)**
- **OPEN BUS**
- **ADA / 4TH GENERATION LANGUAGES**
- **PORTABLE OPEN SYSTEMS INTERFACE EXCHANGE (POSIX)**
- **OPTICAL DIGITAL TECHNOLOGY (ODT)**
- **GRAPHICAL USER INTERFACES (GUI)**
- **INTEGRATED LOGISTICS SUPPORT SYSTEM / COMPUTER ASSISTED LOGISTICS (ILSS/CALS)**
- **MODELLING AND SIMULATION**
- **GRAPHICS AND IMAGERY**
- **AUTOMATION SECURITY ASSESSMENT ELECTRONIC FORMS**

SOME AREAS OF INVOLVEMENT

(CON)

- **NATIONAL IMAGERY TRANSMISSION FORMAT (NITFS)**
- **C3 DATA ELEMENTS**
- **STANDARDS COORDINATING COMMITTEE**
- **NIST LIAISON**
- **DOD STANDARDS REPRESENTATIVE DATABASE**

SUMMARY

- **CFS INTEGRATES AND ORCHESTRATE
DOD STANDARDS EFFORTS**
- **EFFORTS INVOLVE
ALL ACTIVITIES**
 - INTERNATIONAL
 - NATIONAL
 - FEDERAL
 - DOD**AND ALL ORGANIZATIONS**
 - SERVICES
 - AGENCIES
 - CINCS