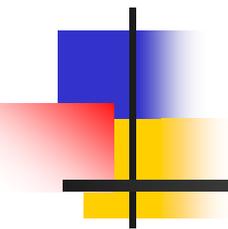


Capital Planning & Investment Control (CPIC)

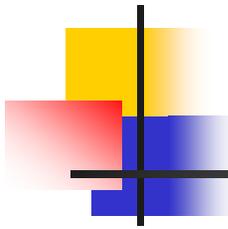
Information Technology Investment Review Board (ITIRB)



Gene Robinson

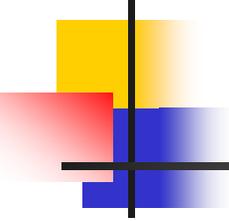
CPIC Manager, IHS CIO Office

January 25, 2005



Status of HHS & IHS CPIC Program

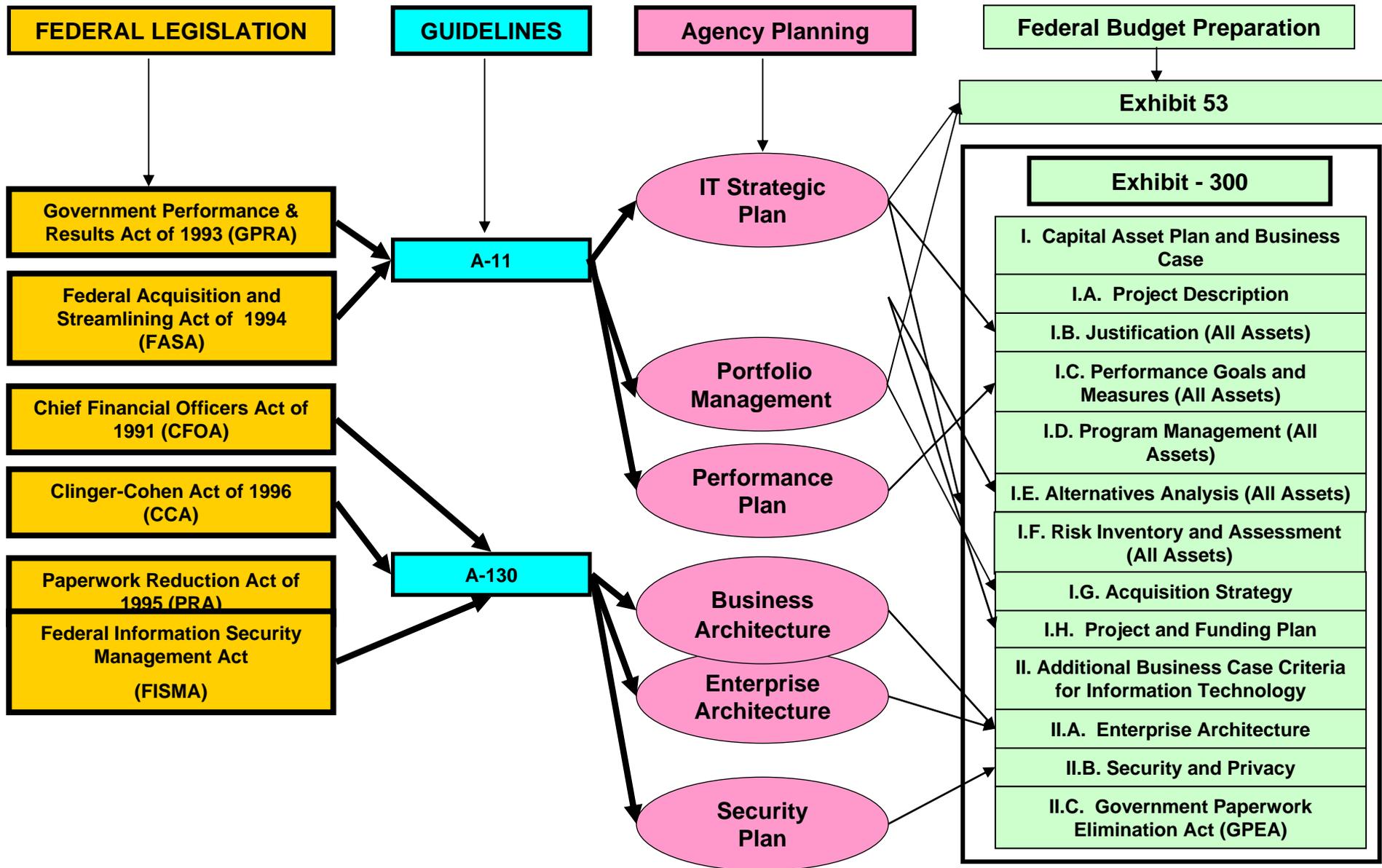
- HHS CPIC Program Team is reengineering the HHS CPIC policies and procedures.
- IHS policies and procedures will be updated once HHS published its new policies and procedures.
- Updated briefings will be prepared once HHS CPIC policies and procedures are finalized.

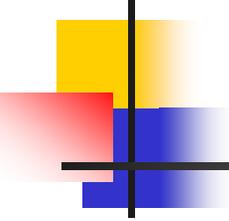


Definition of CPIC

CPIC is a dynamic process in which IT investments are continually monitored throughout the life cycle.

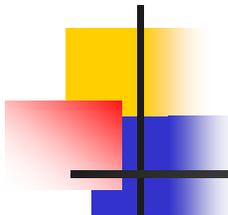
Exhibit 300 Relationships





CPIC Phases

- Select
- Control
- Evaluate



HHS CPIC Reengineering

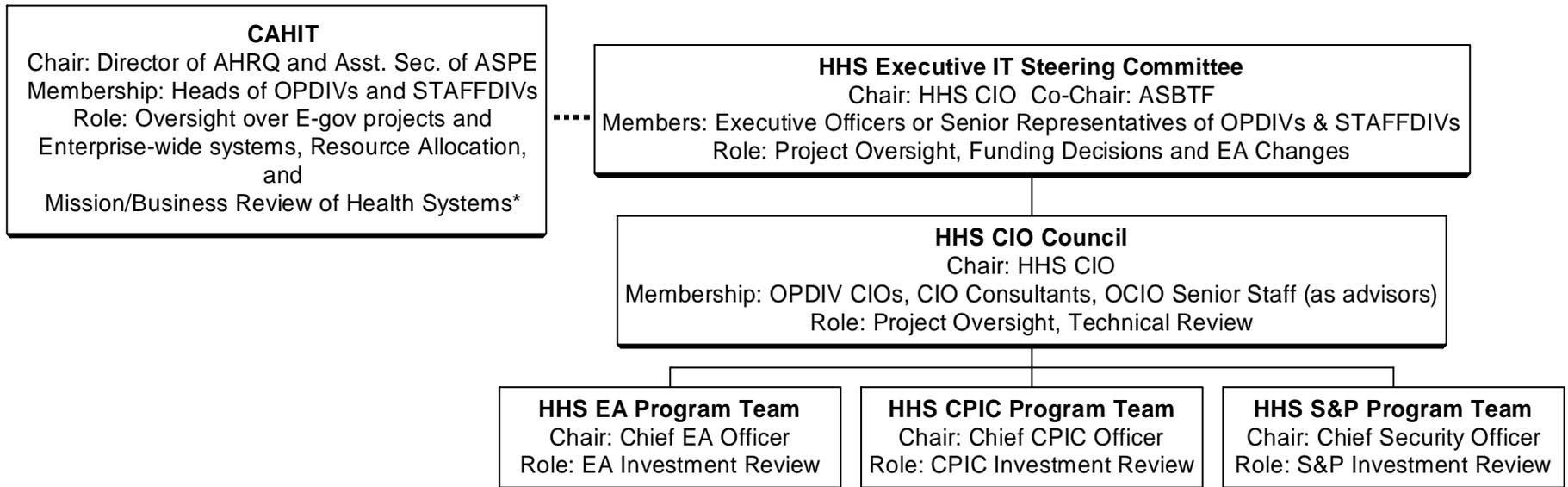
PAST HHS CPIC PROCESS

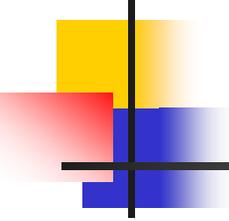
- **Select**
 - Selection of IT investments driven by HHS IT Strategic Plan
 - No rigorous documented screening or scoring criteria and ranking of investments **Control**
 - Control process was in place, but it was not the traditional IT CPIC process
- **Evaluate**
 - The Evaluate phase was not in place

FUTURE HHS CPIC PROCESS

- **Select**
 - Select will be done at both the Department and OPDIV levels based on established review criteria
 - A business case utilizing Exhibit 300 evaluation criteria will be used to justify IT investment funding
 - A scoring team, comprised of business and IT staff, will be established to review investments and make IT portfolio recommendations to the CIO Council and the HHS Executive IT Steering Committee
- **Control**
 - Control reviews will take place at the department using a predefined scorecard
 - Integration with the CIO mission areas will take place during this phase
- **Evaluate**
 - Best practices and lessons learned will be established through Post Implementation Reviews (PIRs)

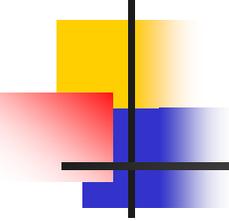
HHS IT Governance Structure





HHS IT Governance Roles

- **HHS Executive IT Steering Committee:** Steering Committee recommends investments for the Secretary's Budget Council, provides large project oversight, ensures policy adherence, and identifies areas for collaboration. There is one vote per OPDIV on this board; therefore, the OPDIV CIO and the OPDIV senior representative must come to an agreement on the vote.
- **HHS CIO Council:** Two distinct roles: 1) HHS IT Issues for CIOs to discuss and 2) Technical review board that reviews investments and discusses issues raised from the working groups.
- **HHS TRBWG:** Working groups composed of OIRM and OPDIV staff that concentrate on a specific functional area, such as Enterprise Architecture, Capital Planning & Investment Control, or Security & Privacy.

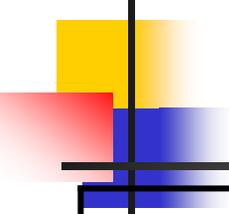


HHS Investment Tier Levels

- **Major Investments (RPMS & IOAT)**
 - Important to Agency's mission as determined by HHS
 - High development, operating costs equal or greater than \$10 Million.
- **Tactical Program Investments (NPIRS/NDW)**
 - Currently development, operating or maintenance costs of \$1M to \$10M.
- **Supporting Program Investments**
 - Currently development, operating or maintenance costs under \$1M.

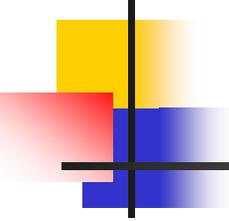
IHS IT Funding (Exhibit 53/300)

	FY04	FY05	FY06
RPMS	\$34.4M	\$36.2M	\$36.5M
IOAT	\$15.2M	\$12.2M	\$12.2M
NPIRS/NDW	\$5.6M	\$6.8M	\$6.8M
IHS Exhibit 53	\$55.2M	\$55.2M	\$55.5M
UFMS	\$7.7M	\$12.3M	\$10.2M
HHS IT Fund	\$1.8M	\$1.8M	\$1.8M
HHS Projects	\$9.5M	\$14.1M	\$12.0M
Total IT	\$64.7M	\$69.3M	\$67.5M



HHS Requirements

	Major	Tactical	Supporting Program
Exhibit 300	Complete	Complete	Partial
FISMA	Yes	No - ?	No
EVMS Standard Criteria	All 32 Criteria	10 of the 32 Criteria	Must Show within 10% EVMS
PM Certifications	Certified	Conditional	Conditional



EVMS

- Project management tool that effectively integrates the project scope of work with schedule and cost elements for optimum project planning and control.
- ANSI Standard 748 Criteria (32)
 - Organization – 5
 - Planning & Budgeting – 10
 - Accounting Considerations – 6
 - Analysis & Management Reports – 6
 - Revisions & Data Maintenance - 5

Section I.H. Tables

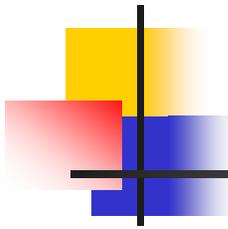
Project Plan's Major Milestones

- **Planned**

- Start Date
- End Date
- Duration (in days)
- Cost

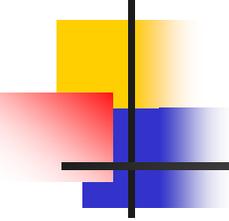
- **Actual**

- Start Date
- End Date or
 - Percent Complete
- Cost



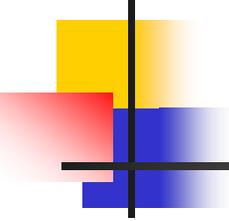
Certified PM Requirements

- High proficiency in both PM and IT PM competency skills listed in OPM 2210 Series IT Project Manager Guidance.
- Advanced PM knowledge skills and abilities.
- Advanced IT PM skills.
- Developed systems perspective as delineated in the Clinger-Cohen Core Competencies.
- Minimum of 2-4 years combined previous successful PM and technical experience, with managing a “Tactical Level” project.



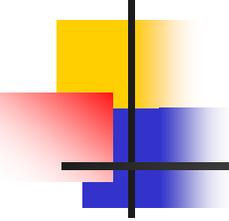
“Conditional” Certified PM Requirements

- Understanding of both PM and IT PM competency skills listed in OPM 2210 Series IT Project Manager Guidance.
- Fundamental PM knowledge skills and abilities.
- Fundamental IT PM skills.



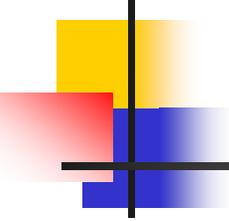
IHS Investments - Exhibit 300

- RPMS
 - *Terry Cullen, Project Manager*
 - *Gary Hartz – System Owner/Sponsor*
- NPIRS/NDW
 - *Stan Griffith, Project Manager*
 - *Gary Hartz – System Owner/Sponsor*
- Infrastructure, Office Automation & Telecommunications (IOAT)
 - *Tom Fisher, Project Manager*
 - *Mary Lou Stanton – System Owner/Sponsor*



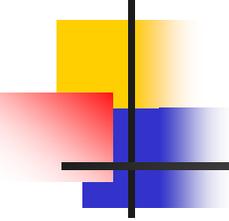
Infrastructure, Office Automation & Telecommunications (IOAT)

- Specifies how projects/investments are integrated and managed across the entire IHS enterprise.
- The entire IHS enterprise includes all organizations within IHS (e.g., Headquarters, Area Offices, and Service Units).
- Not intended to imply that every individual project included in the IOAT is implemented centrally by the IHS CIO organization.
- Intended to ensure that all IOAT projects are integrated into an overall strategy that is consistent with the IHS' strategic direction and allows for consolidation and integration across the IHS enterprise.



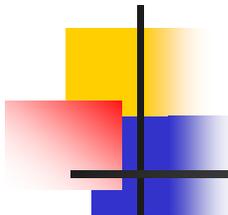
IOAT Common “Clusters” & “Categories”

- Wide Area Network (WAN)
- Local Area Network (LAN)
- Desktop Hardware & Software
- Voice
- Video
- Messaging & Collaboration (E-mail)
- Security
- Web Services



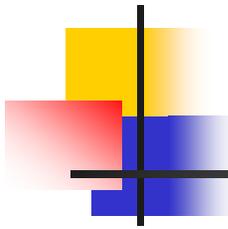
OMB Scoring Categories

1. Acquisition Strategy
2. Project Management
3. Enterprise Architecture
4. Alternatives Analysis
5. Risk Management
6. Performance Goals
7. Security and Privacy
8. Performance Based Management System
9. Life-cycle Costs Formulation
10. Supports the President's Management Agenda Items



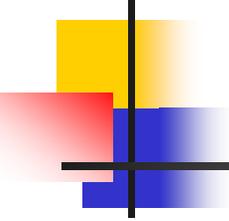
Past OPM Exhibit 300 Scoring

	RPMS	IOAT	NPIRS NDW
Nov 2003	17/2	15/2	17/2
Dec 2003	27/3	23/3	26/3
Jun 2004	31/4	31/4	29/3
Nov 2004	36/4	30/3	Not Scored



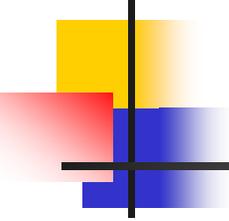
Intergraded Project Team

IPT means a multi-disciplinary team led by a program manager responsible for planning, budgeting, procurement and life-cycle management of the project to achieve its cost, schedule and performance goals.



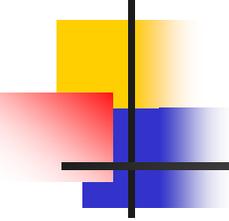
IPT Members/Skills

- Budgetary
- Financial
- Capital Planning
- Procurement
- User
- Program
- Value Management
- Earned Value Management
- Other Staff as Appropriate



LMI Assistance

- Phase One
 - Rewrite Assistance
 - Short Term
 - Picked the Low Level Fruit
- Phase Two:
 - Exhibit 300 Training
 - Project Funding Visibility
 - Long Term Rewrite Assistance
- Phase Three
 - Project Plans Development



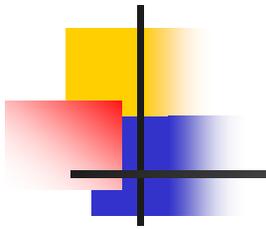
Project Management Training

- Stan Griffith
- Keith Longie
- Jim Garvie
- Gene Robinson
- Howard Hayes
- Terry Cullen

Development/Modernization/Enhancement (DME)

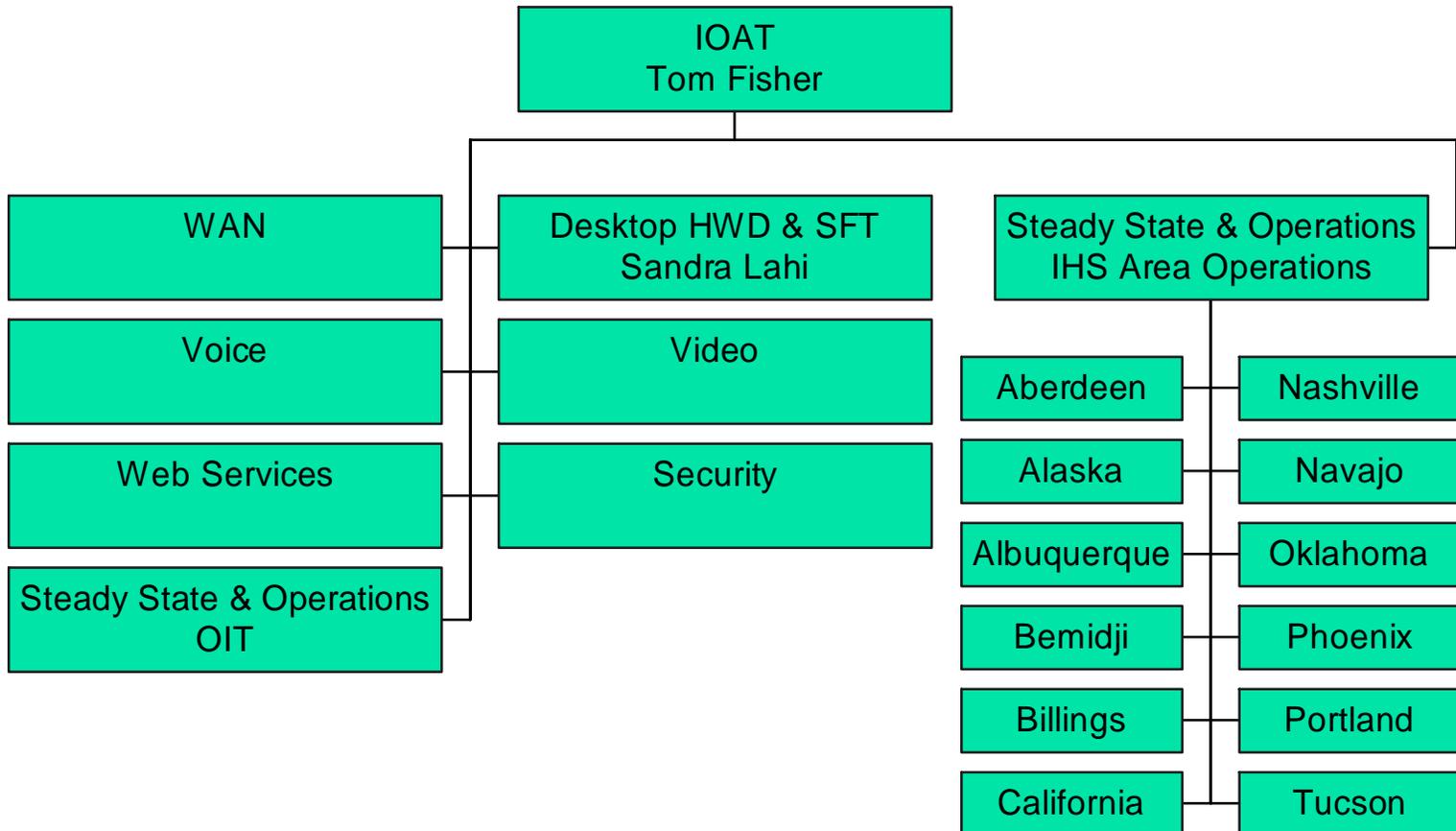
versus

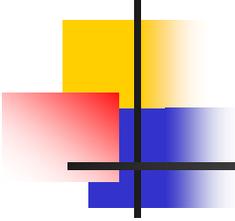
Steady State (SS)

- 
- DME
 - Program cost for new systems, changes or modifications to existing systems that improve capability or performance, changes mandated by Congress or agency leadership, personnel costs for project management, and direct support.
 - This amount equals the sum of amounts reported for planning and full acquisition of that system in exhibit 300.
 - SS
 - Maintenance and operation costs at current capability and performance level including costs for personnel, maintenance of existing information systems, corrective software maintenance, voice and data communications maintenance, and replacement of broken IT equipment.
 - This amount equals amounts reported for maintenance of that system in exhibit 300

Draft

IOAT Program (Sub-Projects)





Questions
