



Federal Aviation Administration

**History and Application of Section 508
of the Rehabilitation Act of 1973, as
amended in 1998**

Introduction

Section 508, as amended in 1998 was enacted to:

- Eliminate barriers in electronic and information technology
- Make available new opportunities for individuals with disabilities
- Encourage the development of technologies that will help to achieve these goals

Introduction

Section 508 Benefits ALL FAA Employees!

- Assistive Technology and Information Technology Compatibility and Interoperability
- Promotes Universal Design of Electronic and information Technology
- Closes the “Digital Divide” – Accessible Web Sites Benefit All Web Users
- Collaboration Among Lines of Businesses

Training Objectives

- To Understand Section 508 Standards and Requirements
- To Review FAA Section 508 Policies and Procedures
- To Present FAA Section 508 Agency-Wide Teams
- To Enable Production of LOB 508 Plan of Action

Training Agenda

- Part 1: History and Application of Section 508 of the Rehabilitation Act of 1973, as amended in 1998
- Part 2: Roles and Responsibilities of the Section 508 Agency-Wide Teams
- Part 3: LOB Section 508 Plan of Action

Section 508 Legislation History

- In 1986, Section 508 guidelines were non-binding for technology accessibility
- In 1998, Section 508 was amended to include binding, enforceable provisions
- December 21, 2000 the final Section 508 standards were published in the Federal Register
- June 21, 2001 the enforcement of Section 508 applies to FAA procurements/acquisitions of EIT

Section 508 Standards

- Uses procurement process to ensure technology acquired by federal agencies is accessible
- Sets up administrative process for individuals to file compliant
- Enforces provisions as of 6/21/01
- Applies only to EIT procured on or after 6/21/01
- FAA does not have to retrofit technology procured before 6/21/01
- Requires federal agencies to report biennially to DOJ

Section 508 Subpart A

Electronic and Information Technology (EIT)

Any equipment or interconnected system or subsystem of equipment, that is used in the automatic acquisition, storage, manipulation, management, movement, control, display, switching, interchange, transmission, or reception of data or information.

Section 508 Subpart A

Electronic and Information Technology (EIT)

For purposes of the preceding sentence, equipment is used by the FAA if the equipment is used by the FAA directly or is used by a contractor under a contract with the FAA which (i) requires the use of such equipment, or (ii) requires the use, to a significant extent, of such equipment in the performance of a service or the furnishing of a product.

Section 508 Subpart A

Electronic and Information Technology Includes:

- Telecommunication products, such as telephones;
- Information kiosks;
- Transaction machines;
- World Wide Web sites;
- Multimedia (including videotapes) and
- Office equipment, such as copiers and fax machines

Section 508 Subpart A

Electronic and Information Technology includes:

- Computers
- Ancillary Equipment
- Software
- Firmware and Similar Procedures
- Services (including support services)
- Related Resources

Section 508 Subpart A

All Electronic Information Technology
procured, developed, maintained or used
by FAA agencies **must comply** with the
Section 508 Standards

Section 508 Subpart B

Access Board Technical Standards

1194.21-Software Applications and Operating Systems

1194.22-Web-Based Information and Applications

1194.23-Telecommunication Products

1194.24-Video and Multimedia Products

1194.25-Self Contained, Closed Products

1194.26-Desktop and Portable Computers

Section 508 Subpart C

1194.31-Functional Performance Criteria Provisions Apply to:

- **Overall product evaluation and components**
 - Product Operation
 - Access to Visual/Audible Information
- **Individual accessible components create an accessible product**
- **Applies to all EIT procured to ensure accessibility to persons with disabilities by at least one mode of operation**

Section 508 Subpart D

1194.41-Information, Documentation and Support
Includes:

- User and Installation Guides
- Customer and Technical Support Communication

Applies To:

- Access to covered EIT information, documentation and support
- Access to alternate formats upon request

Section 508 Requirements

- Policy and Practices Relating to Procurement & Acquisition
- Undue Burden Documentation
 - Alternative Means of Access
- Non Availability Documentation
- Equivalent Facilitation

Section 508 Requirements

- Performance of Product Market Research
- Documentation of Procurement Findings
- Provision for Desktop Computing Services and Technical Support to Employees with Disabilities

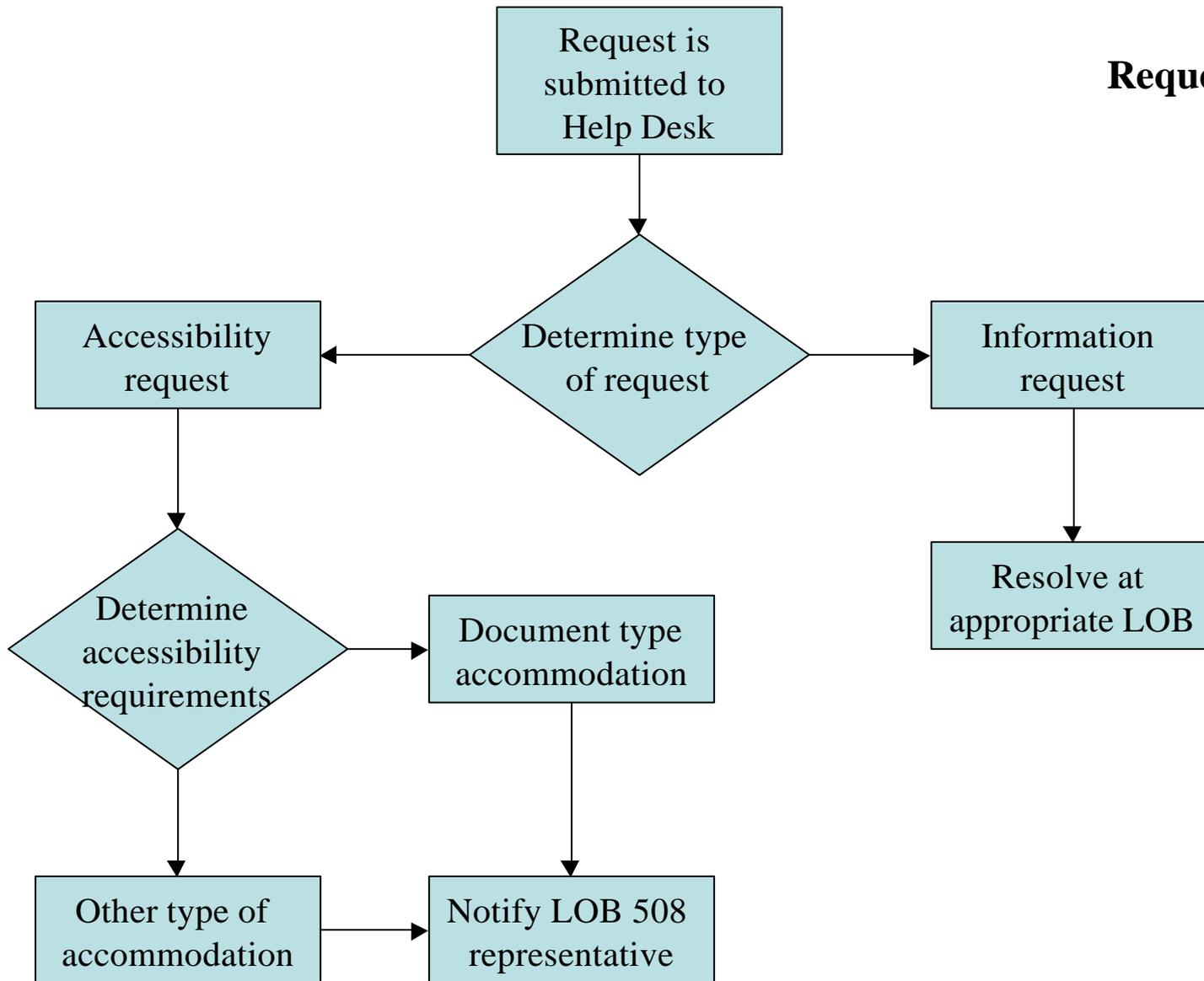
FAA Section 508 Policies & Procedures

- Secretary Mineta Access to EIT Policy Statement
- Dr. Mehan's (FAA CIO) 508 Policy Memorandum
- The Web Policy Council Notice and Guidance
 - <http://interweb.faa.gov/webrules/>
 - <http://intranet.faa.gov/aio/508>

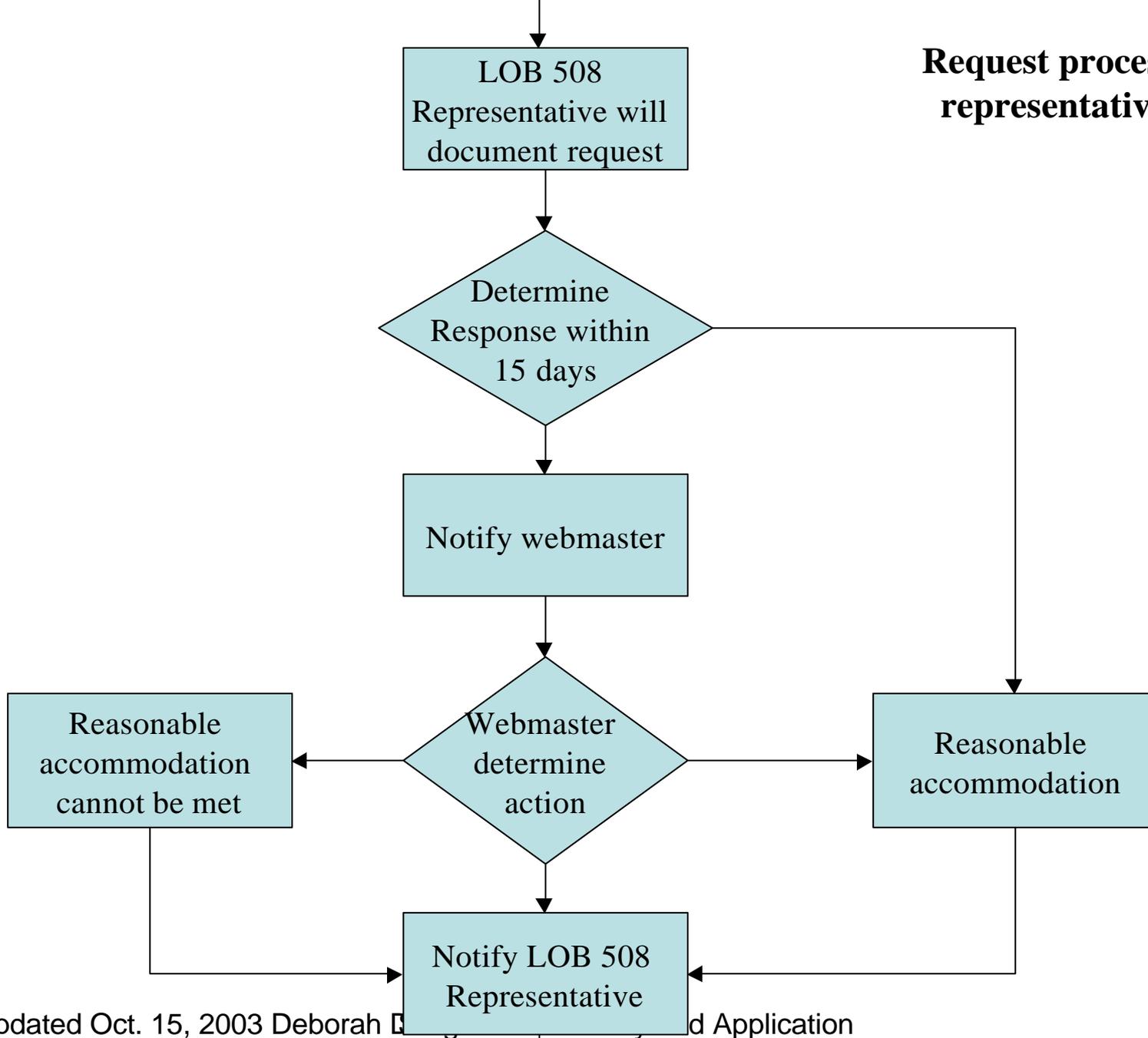
Section 508 Help Desk
Complaint Procedure for FAA Web Sites

**Process Coordinated with Office of
Civil Rights**

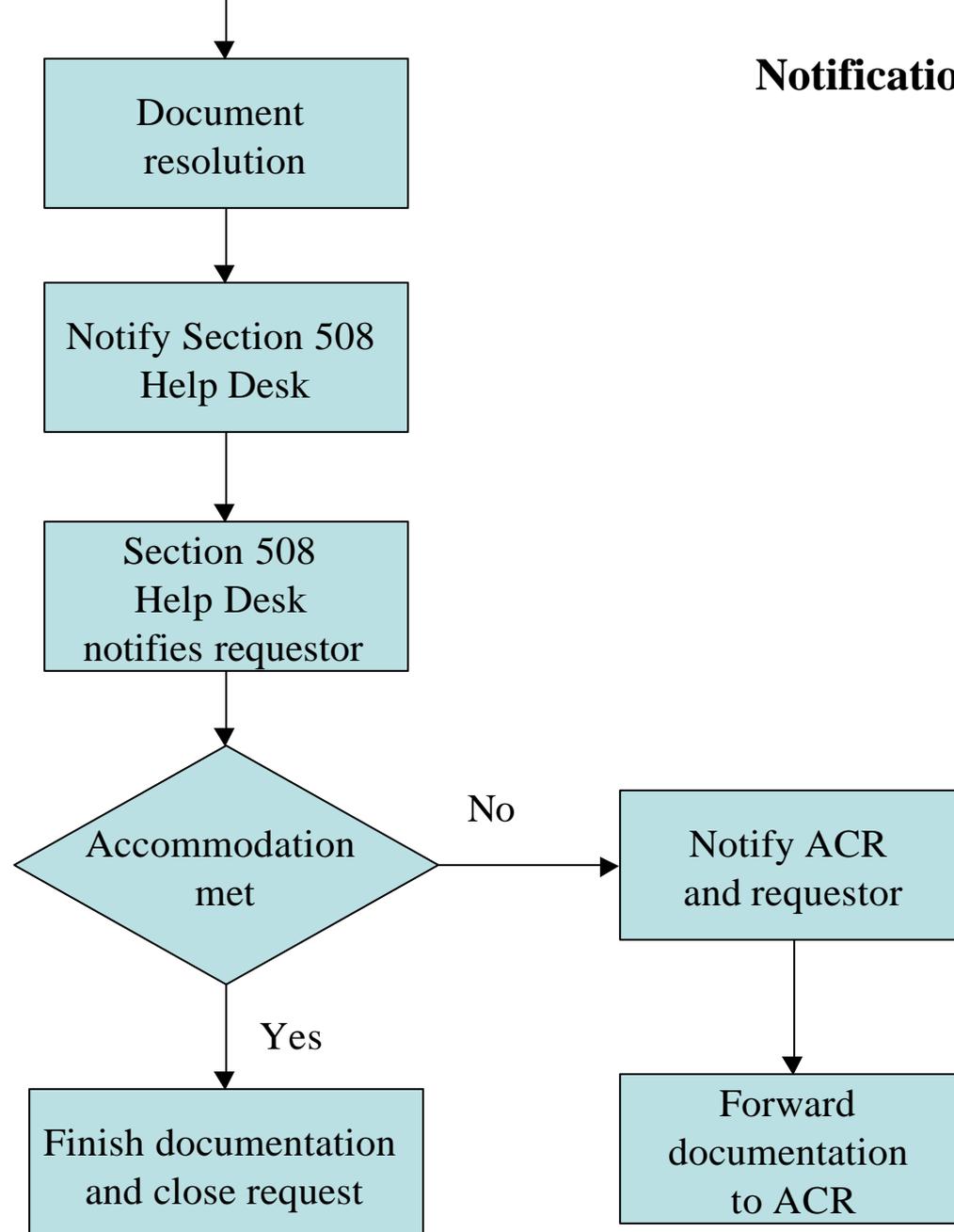
Request Submission



**Request process: LOB 508
representative level**

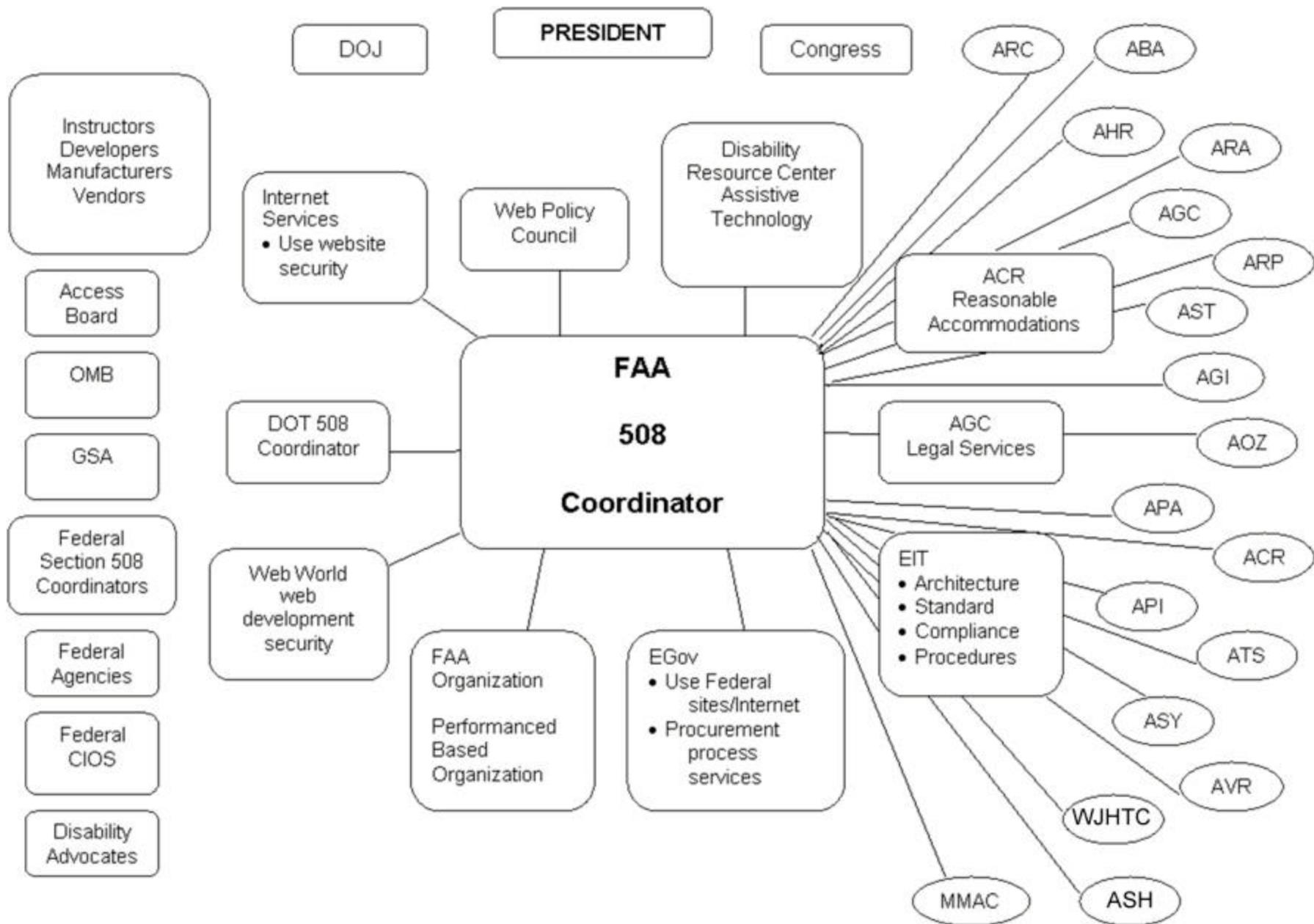


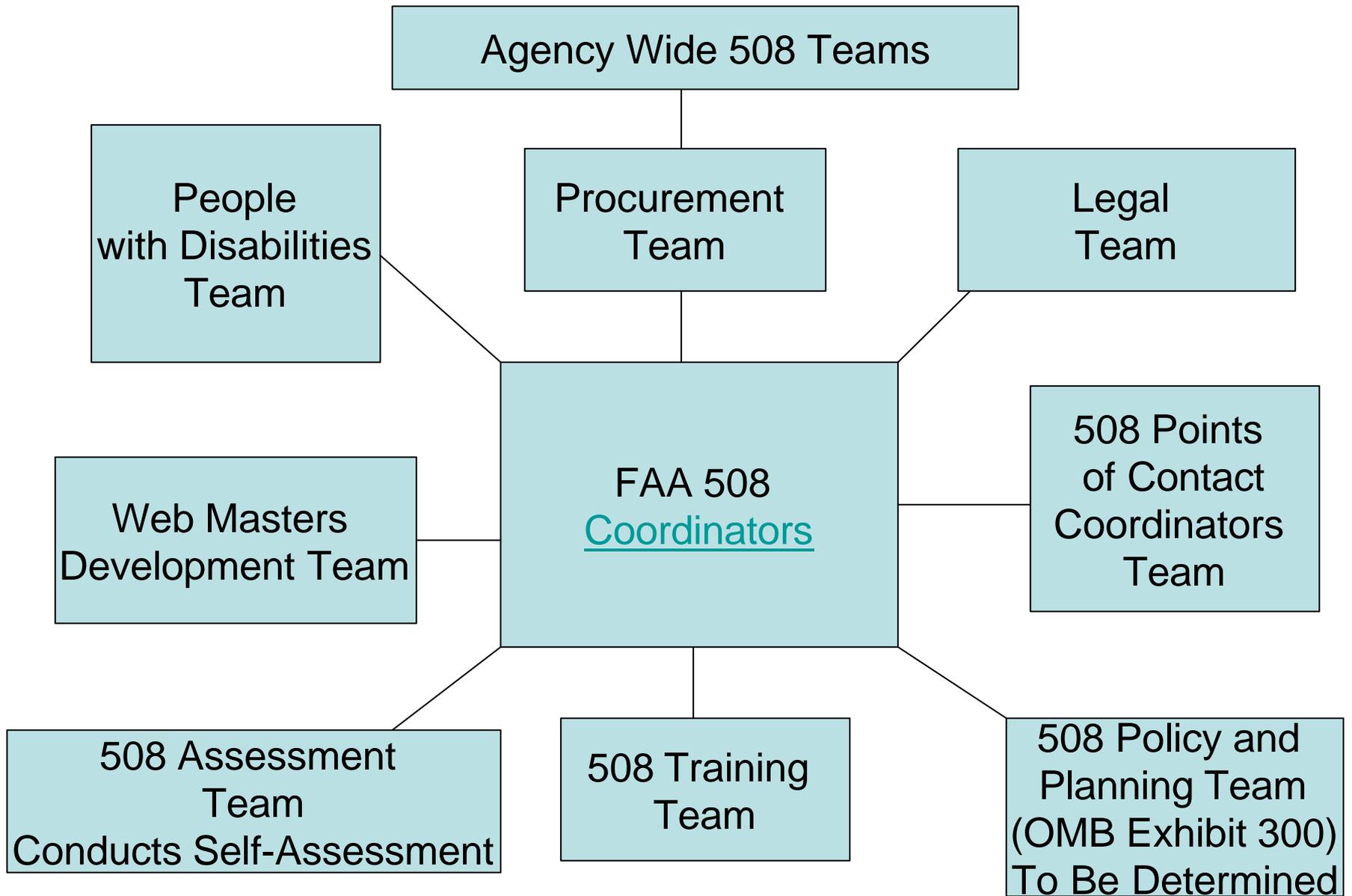
Notification process



FAA Section 508 Agency-Wide Teams

Coordinators/Legal List





LOB Section 508 Plan of Action

Agency-wide Section 508 Plan

- Headquarter and regional Section 508 training July 2002 through October 2003
- Assessment Team conducts assessment of Section 508 compliance within the LOB or LOB conducts self-assessment
- LOB develops Section 508 Action Plans for Section 508 compliance for existing and remaining web sites, telecommunications, software, video and multimedia, self-contained and closed products

Procurement Self-Assessment Questions

Procurement and Acquisition

- Are the FAA Personnel aware of the 508 Standard Operating Procedures for Section 508?
- Do all of my electronic and information technology contracts include appropriate language for Section 508?
- Do my procurement personnel know to ask Legal if in doubt about the requirements of Section 508?

Software Self-Assessment Questions

Section 1192.21-Software Applications and Operating Systems

- Is the software operating system (i.e. legacy system) accessible with or without assistive technology
- Do I have a plan to maintain accessibility software for the long term?
- Do I need to determine whether software needs to be upgraded and evaluated for accessibility?

Web Self-Assessment Questions

Section 1194.22-Web-based Internet and Intranet Information and Applications

- Do I have a plan to ensure the agency's web sites comply with Section 508?
- Are my web sites reviewed for 508 compliance prior to posting?
- Do I have an action plan that shows how I will comply with Section 1194.22?

Telecommunications Self-Assessment Questions

Section 1194.23-Telecommunication Products

- Does the agency's telecommunication policies and procedures need to be changed to reflect compliance with Section 508?
- Do policies and procedures need to be developed within the agency to reflect compliance with Section 508?
- Does the agency need to develop a telecommunications plan for the long-term?

Video and Multimedia Self-Assessment Questions

Section 1194.24-Video and Multimedia Products

- Are agency personnel aware of the Section 508 requirements for Video and Multimedia?
- Do policies and procedures need to be developed within the agency to reflect compliance with section 508?
- Does the agency need to develop a video and multimedia plan for the long-term?

Self-Contained, Closed Products Self-Assessment Questions

Section 1194.25-Self-Contained, Closed Products (e.g., information kiosks, calculators, copiers, and fax machines)

- Are agency personnel aware of the Section 508 requirements for Self-Contained, Closed Products?
- Do policies and procedures need to be developed within the agency to reflect compliance with Section 508?
- Do I have an estimate of the costs that it will take to ensure Section 508 compliance for Self-Contained, Closed Products? If so, has this estimate been included in budget and strategic planning documents?

Desktop and Portable Computers Self-Assessment Questions

Section 1194.26-Desktop and Portable Computers

- Are agency personnel aware of the Section 508 requirements for Desktop and Portable Computers?
- Do I have an estimate of costs that it will take to ensure Section 508 compliance for Desktop and Portable computers? If so, has this estimate been included in the budget and strategic planning documents?
- Do policies and procedures need to be developed to reflect compliance with Section 508 compliance?

Agency-Wide Teams

What would it take to further implement Section 508 in the agency?

Part 4: Section 508 Resources

- Section 508 Resources:
 - [Section 508 Law](http://www.section508.gov/index.cfm?FuseAction=Content&ID=3):
<http://www.section508.gov/index.cfm?FuseAction=Content&ID=3>
 - [Access Board](http://www.access-board.gov/508.htm):
<http://www.access-board.gov/508.htm>
 - [Information Technology Technical Assistance & Training Center \(ITTATC\)](http://www.ittatc.org):
<http://www.ittatc.org>
 - [Section 508 Acquisition FAQ's](http://www.section508.gov/index.cfm?FuseAction=Content&ID=75):
<http://www.section508.gov/index.cfm?FuseAction=Content&ID=75>