OFR Tech

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2015

Office of the Federal Register

Many Publications

- The OFR produces many publications
- Each publication has its own set of technological tools
- Some technologies are old, others are new
- Partner with Government Publishing Office

Office of the Federal Register

Office of the Federal Register

- Office created in 1935
- Federal Register was first publication
- Code of Federal Regulation came soon after
- More publications added over time
- Additional duties
  - Electoral College
  - Constitutional amendments

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12 Publications

Federal Register (FR)

Code of Federal Regulations (CFR)

Federal Register Index

List of Sections Affected (LSA)

CFR Index and Finding Aids

Public Inspection List

United States Government Manual

Daily Compilation of Presidential Docs

Public Papers of the Presidents

Slip Laws

US Statutes at Large

Privacy Act Compilation

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The Federal Register

- The Federal Register is a daily gazette containing the regulatory activities of the Executive Branch of government
- Available online and in print, it contains:
  - Rules
  - Proposed Rules
  - Notices
  - Presidential Documents
- From the Federal Register, other publications are derived such as the Code of Federal Regulations (CFR), FR Index, CFR Index and finding aids.

Office of the Federal Register

Document Submission

- Agencies must submit their documents to the OFR for publishing
  - Signed Original
  - Two Certified Copies
  - Electronic copy in Word on disk
  - Disk Certification letter
  - Signed Special Handling letter (as appropriate)
  - **OR**, submit a PKI-signed document on our Web Portal

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OFR's use of PKI Signatures

- Federal Register documents require an official signature
- PKI digital signature with a Medium Assurance level PKI certificate issued from a PKI cross-certified to the FPKI
  - Requires the open, international standard PKCS#7 (IETF RFC 2315) digital signature format
- PKI signatures allow the OFR to ensure that published content cannot be challenged on the basis of authenticity

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Benefits to Agencies

- Increase efficiency and timeliness
- Saves money (courier, postage, ink, paper, printer maintenance)
- Better for the environment
- Eliminates need for disks, paper, disk certification letters
- Eliminates need to pass through building security

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Agency "Pathway" to PKI

- Requires a PKI Certificate:
  - PIV card
  - Certificate purchased from our GPO partner
    - See GPO Circular Letter Nos. 634, 744, 792
  - Other 3rd party solution (that supports PKCS#7)
- Signing Software to apply certificate to documents
  - GSA provides a PKCS#7 Document Signing Tool, developed by the ICAM Lab available on www.idmanagement.gov

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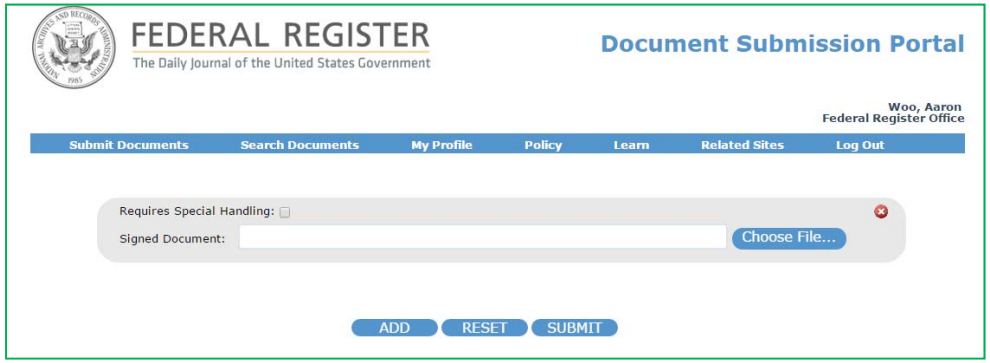
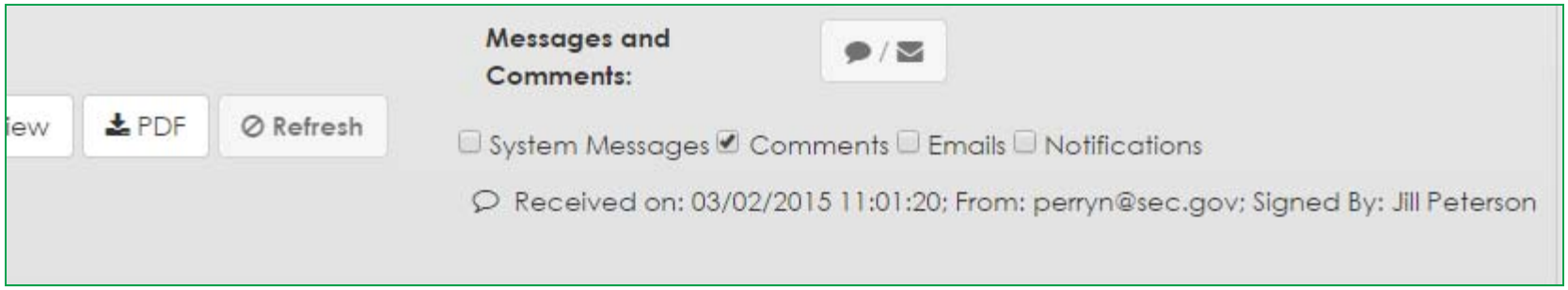
Submitting Documents

- Agency Liaisons submit signed documents on our Web Portal:



- Signature information is captured in our document management system



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Documents Received

- May 2015
- 2,542 documents
  - 259 Rules
  - 196 Proposed Rules
  - 2,052 Notices
  - 35 Presidential Documents
- 1,294 submitted through the web portal

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Documents Published

- May 2015
- 2,480 Documents
  - 254 Rules
  - 190 Proposed Rules
  - 2,000 Notices
  - 36 Presidential Documents
- 62 documents not published in May
- 6,138 FR pages published during May

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Print Schedule

- 3-day turn around for most documents
- Documents placed on Public Inspection List (PIL) the day before publication

Received before 2:00 p.m.	Filed for public inspection	Published
Monday	Wednesday	Thursday
Tuesday	Thursday	Friday
Wednesday	Friday	Monday
Thursday	Monday	Tuesday
Friday	Tuesday	Wednesday

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eDOCS

- Document management system
- Based on HighVIEW platform
- Started in 2003
- 2004 managed about 9% of documents
- 2005 managed about 21% of documents
- 2006 managed about 66% of documents
- 2008 managed 100% of documents

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eDOCS Upgrade

- March 2015
- Cloud environment
- Document flow redesign
- Other processes included
  - Legal, including incorporation by reference
  - Statutes

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The Queues

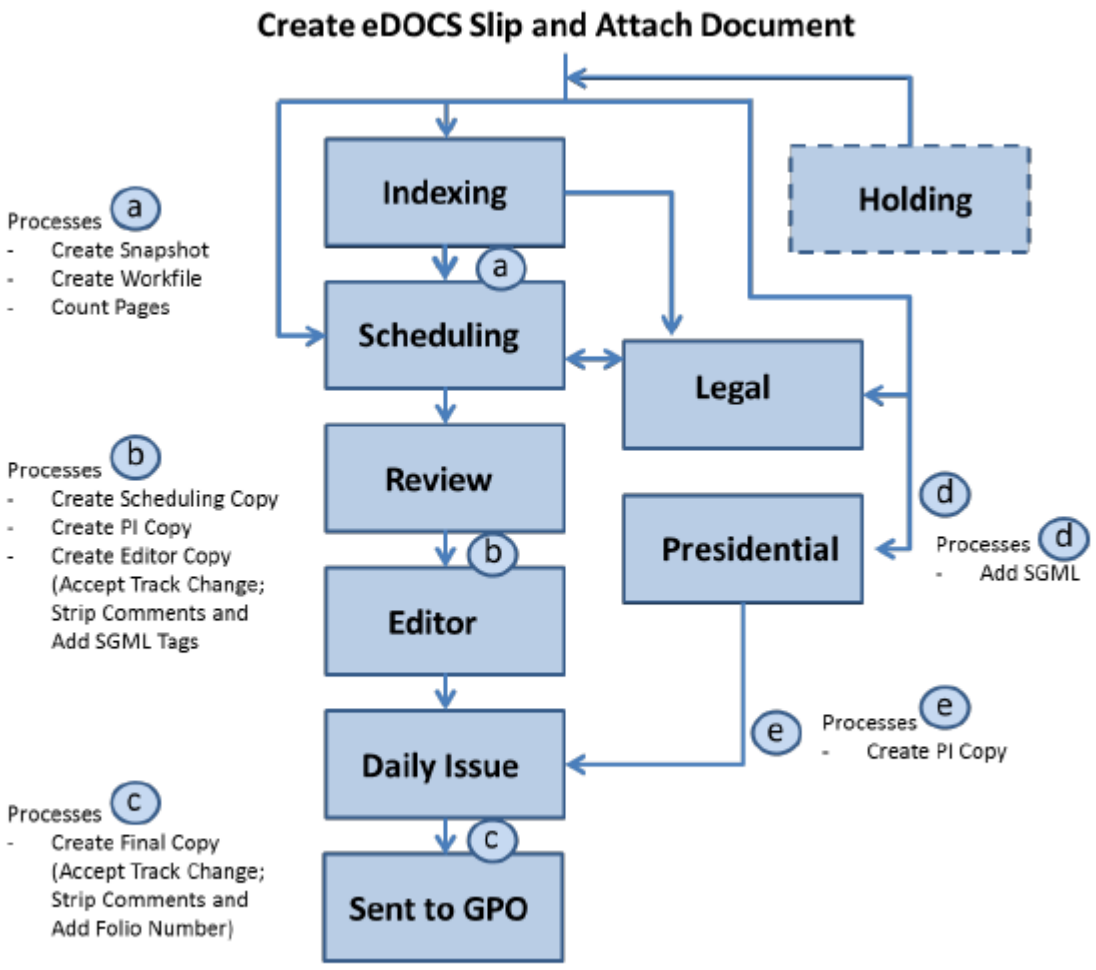
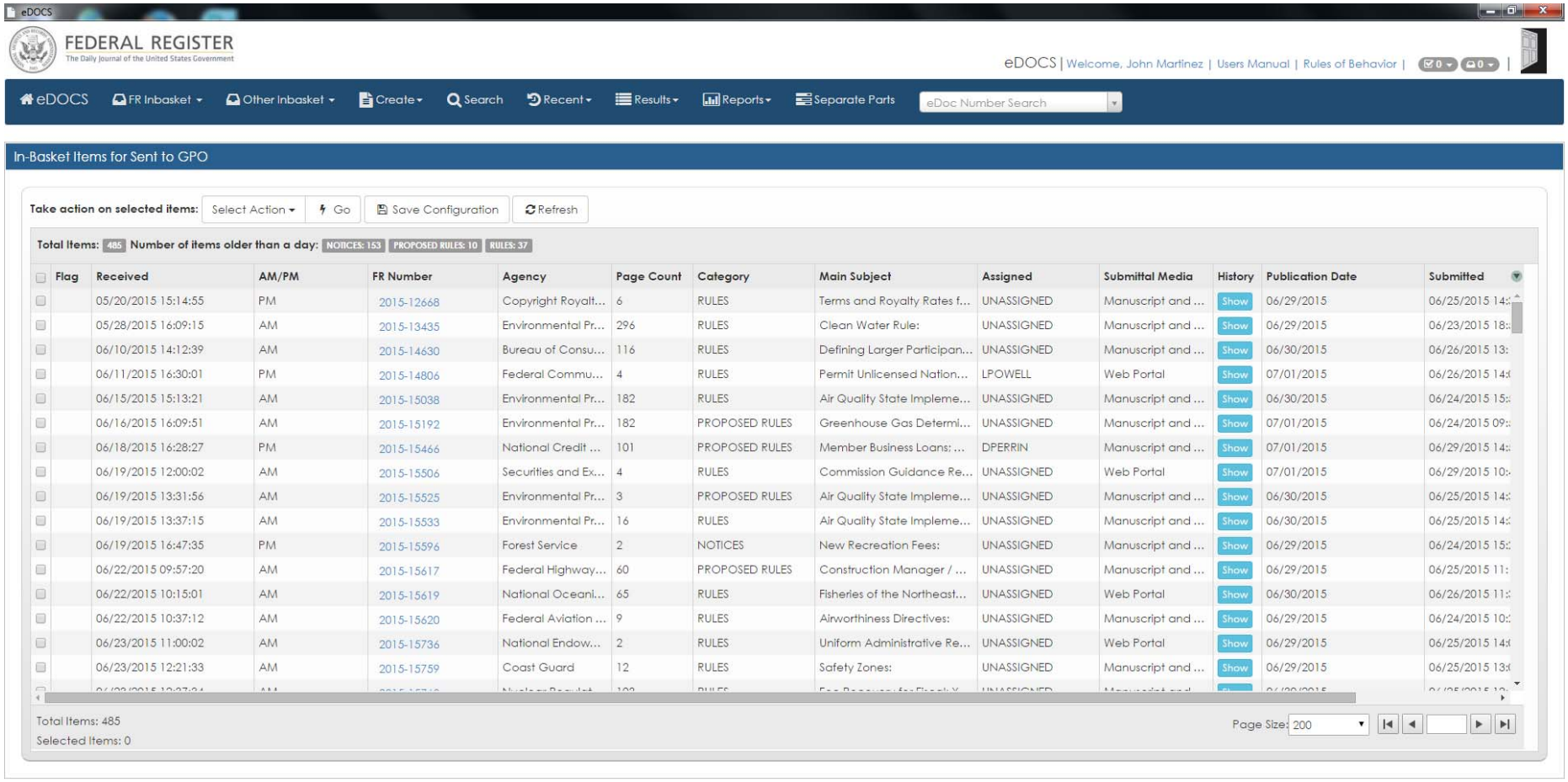


Figure 6: Federal Records Workflow


eDOCS
FEDERAL REGISTER
The Daily Journal of the United States Government
eDOCS | Welcome, John Martinez | Users Manual | Rules of Behavior |
eDOCS
FR Inbasket
Other Inbasket
Create
Search
Recent
Results
Reports
Separate Parts
eDoc Number Search
In-Basket Items for Sent to GPO
Take action on selected items:
Select Action
Go
Save Configuration
Refresh
Total Items: 485 Number of items older than a day: NOTICES: 153 PROPOSED RULES: 10 RULES: 37
Flag | Received | AM/PM | FR Number | Agency | Page Count | Category | Main Subject | Assigned | Submittal Media | History | Publication Date | Submitted
05/20/2015 15:14:55 | PM | 2015-12668 | Copyright Royalt... | 6 | RULES | Terms and Royalty Rates f... | UNASSIGNED | Manuscript and ... | Show | 06/29/2015
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06/10/2015 14:12:39 | AM | 2015-14630 | Bureau of Consu... | 116 | RULES | Defining Larger Participan... | UNASSIGNED | Manuscript and ... | Show | 06/30/2015
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06/15/2015 15:13:21 | AM | 2015-15038 | Environmental Pr... | 182 | RULES | Air Quality State Impleme... | UNASSIGNED | Manuscript and ... | Show | 06/30/2015
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06/23/2015 11:00:02 | AM | 2015-15736 | National Endow... | 2 | RULES | Uniform Administrative Re... | UNASSIGNED | Web Portal | Show | 06/29/2015
06/23/2015 12:21:33 | AM | 2015-15759 | Coast Guard | 12 | RULES | Safety Zones: | UNASSIGNED | Manuscript and ... | Show | 06/29/2015
Total Items: 485
Selected Items: 0
Page Size: 200

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Government Publishing Office

- Congressional agency
- OFR is statutorily bound to GPO
- GPO produces print and electronic products
- Hosts most of the publication websites
- Bills for publication fees and subscriptions

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Some GPO Technologies

- eXtyles – automatic conversion and coding
- MicroComp – typesetting
- PDF proofs
- SGML updates
- XML dumps

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OK to Print

- OFR reviews text from GPO
- Makes edits and corrections in PDF
- Gives OK to Print

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federalregister.gov

- Released in 2010
- Issues back to 1994
- Unofficial content
- Much of the website is automated
- MyFR accounts
- Commenting feature with regulations.gov
- Very useful, but not official yet

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FDsys

- Produced by Government Publishing Office
- Free online access to official publications
- All 3 branches of federal government
- OFR publications on FDsys
- Authentic, digitally signed PDF documents

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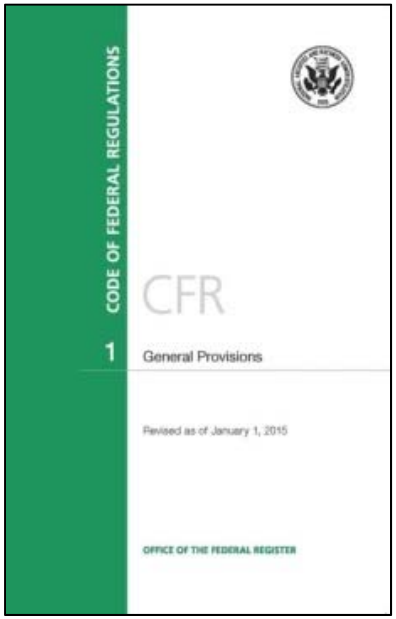
Code of Federal Regulations

- CFR
- Special edition of the Federal Register
- Codification of regulatory text published in the Federal Register as a rule



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CFR Organization

- Volumes organized in 50 titles
- Each title represents a subject area

CFR TITLES

1. General Provisions
2. Grants and Agreements
3. The President
4. Accounts
5. Administrative Personnel
6. Domestic Security
7. Agriculture
8. Aliens and Nationality
9. Animals and Animal Products
10. Energy
11. Federal Elections
12. Banks and Banking
13. Business Credit and Assistance
14. Aeronautics and Space
15. Commerce and Foreign Trade
16. Commercials Practices
17. Commodity and Securities Exchanges
18. Conservation of Power and Water Resources
19. Customs Duties
20. Employees' Benefits
21. Food and Drugs
22. Foreign Relations
23. Highways
24. Housing and Urban Development
25. Indians
26. Internal Revenue
27. Alcohol, Tobacco Products and Firearms
28. Judicial Administration
29. Labor
30. Mineral Resources
31. Money and Finance: Treasury
32. National Defense
33. Navigation and Navigable Waters
34. Education
35.
36. Parks, Forests, and Public Property
37. Patents, Trademarks, and Copyrights
38. Pensions, Bonuses and Veterans' Relief
39. Postal Service
40. Protection of Environment
41. Public Contracts and Property Management
42. Public Health
43. Public Lands: Interior
44. Emergency Management and Assistance
45. Public Welfare
46. Shipping
47. Telecommunication
48. Federal Acquisition Regulations System
49. Transportation
50. Wildlife and Fisheries

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CFR Updates

- Printed CFR is the official, legal version
- www.fdsys.gov
- SGML updated manually
- All volumes are published once a year, one quarter of the volumes every 3 months
  - Title 1 – Title 16 As of January 1
  - Title 17 – Title 27 As of April 1
  - Title 28 – Title 41 As of July 1
  - Title 42 – Title 50 As of October 1
- Volumes with no changes are “cover only”

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e-CFR

- Electronic Code of Federal Regulations
- Launched February 2001
- Updated daily, two Federal workdays behind the calendar
- Not legal, but is the source for printed, legal edition.
- Effective date driven
- Based on SGML files

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e-CFR (Cont.)

- Incorporate amendments effective on Federal Register publication
- Insert links to amendment text that published but not yet effective.
- Incorporate amendments that published in a prior Federal Register with a future effective date.
- Updated by hand

Office of the Federal Register

e-CFR Point In Time

- Launched Spring 2015, e-CFR PIT lets you view previous updates to the e-CFR
- Driven by effective date
- Data from January 1, 2015 forward
- Easily accessed from the main e-CFR page

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Conclusion

- Many publications
- Many different technologies used

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Questions?