

# CONGRESSIONAL DATA TASK FORCE GOVERNMENT PUBLISHING OFFICE UPDATE

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MARCH 14, 2023

# XPUB AND USLM

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# XPUB OVERVIEW



- XML-based composition system to replace legacy Microcomp system and locator-coded text format
- Modular, digital-first suite of applications for XML content creation, markup, correction, approval and multi-channel publishing
- Integrates with commercially available XML editors, office applications, and web-based systems

# XPUB OBJECTIVES



- Move GPO to a fully digital workflow
- Accept content in any form
- Simultaneously generate content in a variety of print and digital formats, including USLM
- Provide and integrate with authoring and editing tools that are intuitive and easy to use
- Improve efficiency through automation

# XPUB STATUS: BILLS AND PUBLIC LAWS



- Congressional Bills and Public Laws
  - Internal Authority to Operate
  - Iterative Releases to House/Senate Users
  - New Responsive HTML Format

# XPUB RESPONSIVE HTML

The image shows a browser window with a single tab titled "S. 1790 - National Defense Autho...". The address bar shows the URL "stage.govinfo.gov/content/pkg/BILLS-116s1790enr/html/BILLS-116s1790enr.htm". The page content is as follows:

From the U.S. Government Publishing Office  
S. 1790  
Enrolled Bill (ENR)  
One Hundred Sixteenth Congress of the United States of America - 1st Session

## One Hundred Sixteenth Congress of the United States of America

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AT THE FIRST SESSION

*Begun and held at the City of Washington on Thursday,  
the third day of January, two thousand and nineteen*

## An Act

To authorize appropriations for fiscal year 2020 for military activities of the Department of Defense, for military construction, and for defense activities of the Department of Energy, to prescribe military personnel strengths for such fiscal year, and for other purposes.

*Be it enacted by the Senate and House of Representatives of the United States of America in Congress assembled,*

**SECTION 1. SHORT TITLE.**

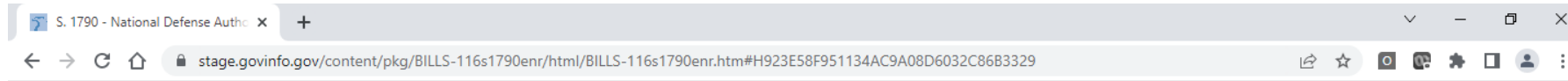
This Act may be cited as the "National Defense Authorization Act for Fiscal Year 2020".

**SEC. 2. ORGANIZATION OF ACT INTO DIVISIONS; TABLE OF CONTENTS.**

(a) **DIVISIONS.**—This Act is organized into four divisions as follows:

(1) Division A—Department of Defense Authorizations.

# XPUB RESPONSIVE HTML



## TITLE XXIV—DEFENSE AGENCIES MILITARY CONSTRUCTION

- [Sec. 2401. Authorized Defense Agencies construction and land acquisition projects.](#)
- [Sec. 2402. Authorized Energy Resilience and Conservation Investment Program projects.](#)
- [Sec. 2403. Authorization of appropriations, Defense Agencies.](#)

### SEC. 2401. AUTHORIZED DEFENSE AGENCIES CONSTRUCTION AND LAND ACQUISITION PROJECTS.

(a) **INSIDE THE UNITED STATES.**—Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for military construction projects inside the United States as specified in the funding table in section 4601, the Secretary of Defense may acquire real property and carry out military construction projects for the installations or locations inside the United States, and in the amounts, set forth in the following table:

State	Installation or Location	Amount
California	Beale Air Force Base	\$33,700,000
	Camp Pendleton	\$17,700,000
Florida	Eglin Air Force Base	\$16,500,000
	Hurlburt Field	\$108,386,000
	Naval Air Station Key West	\$16,000,000
Guam	Joint Region Marianas	\$19,200,000
Hawaii	Joint Base Pearl Harbor-Hickam	\$67,700,000
Maryland	Fort Detrick	\$27,846,000
Mississippi	Columbus Air Force Base	\$16,800,000
North Carolina	Camp Lejeune	\$13,400,000
	Fort Bragg	\$84,103,000
Oklahoma	Tulsa International Airport	\$18,900,000
Rhode Island	Quonset State Airport	\$11,600,000
South Carolina	Joint Base Charleston	\$33,300,000
South Dakota	Ellsworth Air Force Base	\$24,800,000
Virginia	Defense Distribution Depot Richmond	\$98,800,000
	Joint Expeditionary Base Little Creek - Fort Story	\$45,604,000
	Pentagon	\$28,802,000
	Training Center Dam Neck	\$12,770,000
Washington	Joint Base Lewis-McChord	\$47,700,000
Wisconsin	General Mitchell International Airport	\$25,900,000
CONUS Classified	Classified Location	\$82,200,000

(b) **OUTSIDE THE UNITED STATES.**—Using amounts appropriated pursuant to the authorization of appropriations in section 2403(a) and available for military construction projects

## OTHER XPUB INITIATIVES



- United States Code
  - Significant progress in publishing directly from USLM
  - Integration with ORLC editor
- Prototypes for Hearings, Reports
  - Word templates
  - Variety of outputs



## OTHER XPUB INITIATIVES



- XPub Enterprise Client
  - Intended to modernize prepress tools and work processes
  - Replaces all MicroComp related tools and work processes with a comprehensive, XML-native system for managing all aspects of document production
  - Simultaneous, multi-channel publishing for routine Congressional and Regulatory publications

# UNITED STATES LEGISLATIVE MARKUP (USLM)



<b>Completed</b>	U.S. Code
<b>Completed</b>	Enrolled bills, public laws, and the Statutes at Large
<b>Completed</b>	HOLC/SOLC statute compilations
<b>IN PROGRESS</b>	Remaining bill/resolution versions (introduced, reported, engrossed, all amendments, et. al.)
<b>C</b>	Committee Reports
<b>D</b>	House portions of the Congressional Record, including the Daily Digest
<b>E</b>	Hearing Records
<b>F</b>	House Calendar
<b>G</b>	Precedents of the U.S. House of Representatives
<b>H</b>	House Journal

# UNITED STATES LEGISLATIVE MARKUP (USLM)



## Modeling Additional Bill Versions

- Ensure that the modeled USLM XML is interoperable within the legislative ecosystem and that legislative editing and publishing needs have been addressed
- Completed initial modeling of amendments, reported measures
- New and future sample data:
  - <https://github.com/usgpo/uslm>

# U.S. GOVERNMENT PUBLISHING OFFICE

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