



Fiche Online!: A Vision for Digitizing All Fiche Documents

Christopher C. Brown
University of Denver, Penrose Library
cbrown@du.edu
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Many Drawers of Docs Fiche

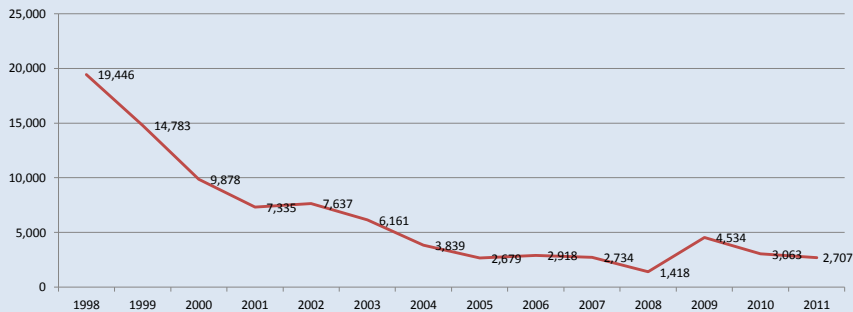


Brief History of Fiche Distribution

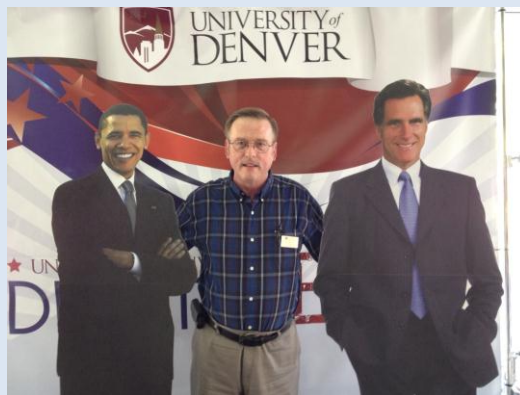
- 1977 – GPO first used fiche
- Mid/late 1980s – fiche accounted for 60% of depository distribution
- 1991/1994 – Regionals received an average of 67,000 fiche each year

Kessler, Ridley R. 1996. A brief history of the federal depository library program: A personal perspective. *Journal of Government Information* 23 (4): 369-80.

No. of Fiche Distributed According to DDM2



Debate at the University of Denver



When asked about FDLP microfiche distribution, both candidates seemed to fall flat with their responses.

All Docs in Storage



All University of Denver documents, including fiche, are in a remote storage facility.

Penrose Library Renovation



Contingency Plan for Penrose Library, University of Denver
Prepared by Christopher C. Brown
April 18, 2011

In light of the upcoming renovation of Penrose Library, I submit this report denoting impacts of the renovation on documents processing, delivery of service, and impacts to the public.

Name of Institution: University of Denver, Penrose Library (Depository 0071A)

Expected Dates of Closure: July 15, 2011 through December 31, 2012. Penrose Library will be closed for 18 months for renovation. During that time all materials (including depository materials) will be housed in off-campus high density remote storage. Library services (including documents reference services to the public) will be in the Driscoll student center ballroom, a large on-campus facility.

Plan for check-in of new materials: We currently receive very few item numbers that generate tangible receipts (0150 Statistical Abstract; 0154-D Stat-USA content; 0394 Astronomical Almanac; 0556-C Special reports various agencies (required); 0557-A MOCAT Serial Set Numerical Lists; 0577 US Government Manual; 0854-A NAICS; 0909-D-01 Handbook of North American Indians; 0991-A USC; 1004-E Serial Set special reports (required); 1004-E-01 Constitution analysis; 1004-E-02 Constitution analysis). We will continue to process materials in the same way we have since our documents



Reopening Early 2013



Project Ownership

The Colorado Alliance
of Research Libraries **Alliance**

- This project is not a University of Denver project, but it is a project of the Colorado Alliance of Research Libraries. The University of Denver is the initiator of the project and to-date is doing 100% of the workload.
- I first proposed this project in January 2010 in a presentation to the Alliance, but became distracted with the renovation of our library.

Defining the Scope: Some Fiche Series Already Digitized – Overlook These

- NASA Reports (NAS 1.15:; NAS 1.26:; NAS 1.60:)
- GAO Reports
- ERIC Documents (hopefully these will be restored soon)
- DTIC Reports
- Energy Bridge
- Selected EPA Reports
- Office of Technology Assessment (Y 3.T 22/2:)
- Others

Project Would Focus on Series Where Substantial Numbers of MARC Records Exist in the CGP

- A 13.78: Forest Service Research Papers
- A 13.88: Forest Service General Technical Reports
- A 92.9/ Dept of Agriculture, National Agricultural Statistics Service
- C 55.13: NOAA Technical Reports
- C 55.214 NOAA Climatological Data
- D 103.2: U.S. Army Corps of Engineers general publications
- I 19.76: USGS Open-File Reports
- I 29.2 National Park special reports (limited release)
- Y 3.P 31: U.S. Institute of Peace documents

Rule In / Rule Out

- Focus of project will be materials for which there are records in the CGP. This rules out things such as:
 - PREX 7.10: Foreign Broadcast Information Service (FBIS) documents
 - PREX 7.13: Joint Publications Research Service (JPRS) documents
- Rule out series where vendor records exist:
 - Congressional Reports and Documents in the Serial Set
 - Congressional Hearings

Focus of this project is documents series that haven't been digitized before

- ID those areas using our ILS reporting.
- Import all fiche records into a Microsoft Access database.
- Focus on Records that contain no link to online content.

I built-up a master database by exporting records from the library ILS

- 85,788 fiche records. These are bib records, not individual fiche. In some cases a record has multiple fiche holdings attached to it.

LOCATION	CALL #	STATUS
Hampden Gov Docs	C 1.79: 3/4 (Nov. 1984)	AVAILABLE
Hampden Gov Docs	C 1.79: 4/1 (Feb. 1985)	AVAILABLE
Hampden Gov Docs	C 1.79: 4/2 (May 1985)	AVAILABLE
Hampden Gov Docs	C 1.79: 5/1 (Jan. 1986)	AVAILABLE
Hampden Gov Docs	C 1.79: 10/2 (Fall 1991)	AVAILABLE
Hampden Docs Fiche	C 1.79: 10/3 (Win. 1992)	AVAILABLE
Hampden Docs Fiche	C 1.79: 10/4 (Spr. 1992)	AVAILABLE
Hampden Gov Docs	C 1.79: 10/5 (Fall 1992)	AVAILABLE

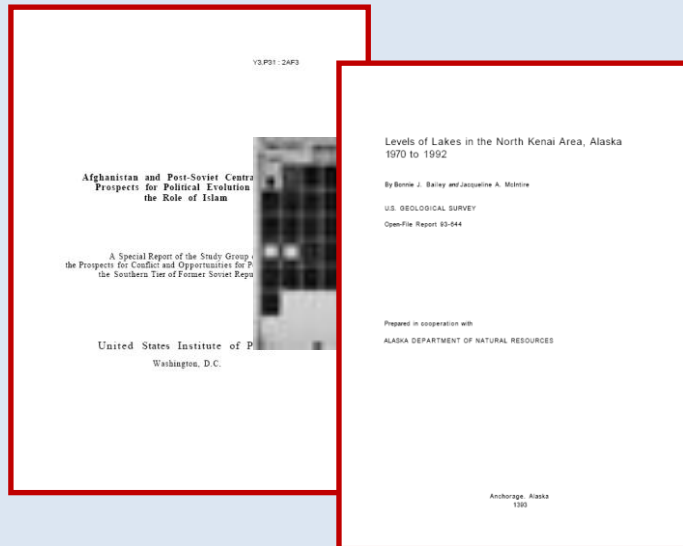
Title Minority business today [microform] / U.S. Department of Commerce, Minority Business Development Agency.
Publ Info [Washington, D.C.] : The Agency,

Description v. : ill. ; 28 cm.
Frequency Quarterly.
Pub History Ceased with v. 10, no. 5 (fall 1992).
Note(s) Description based on: Vol. 2, no. 1 (Jan. 1983); title from caption.
Indexed In Index to U.S. government periodicals 0098-4604.
Note Vol. 10 contains 5 nos.; v. 10, no. 5 (fall 1992) issue called also "commemorative ed.", covers MBDA's 2nd annual symposium and exposition.
Note(s) Microfiche. <v.10:no.3>-v.10:no.5 [Washington, D.C.] : Supt. of Docs., U.S. G.P.O. microfiches : negative.
Subject(s) **Minority business enterprises -- United States -- Periodicals.**
Federal aid to minority business enterprises -- United States -- Periodicals.
United States. Minority Business Development Agency -- Periodicals.
Other Corp **United States. Minority Business Development Agency.**
Link Original (DLC)sn B5015232 (OCoLC)11506947.
Gpo Item # 0126-C-03 (MF)
other # (GPO)96073904

Compile Master Database in Access

SuDocs	OCLC	Title	URL
A 1.107:575	26334033	Developing an integrated information system for the foo	
A 1.107:584	25703898	Structural and financial characteristics of U.S. sugar beet	
A 1.107:595	25855894	Economic effects of mandatory production controls	
A 1.107:602	25821640	Economic effects of banning soil fumigants	
A 1.107:605	26699710	Effects of meat imports on the Puerto Rican livestock-me	
A 1.107:606	25821692	Water quality benefits from the Conservation Reserve Pr	
A 1.107:609	25852572	The agricultural work force of 1987	
A 1.107:610	25821753	Irrigated acreage in the Conservation Reserve Program	
A 1.107:616	26994548	Resource policy subsidies and the GATT negotiations	
A 1.107:617	25703902	Structural change in U.S. farmland	
A 1.107:618	25852585	Implementing the Conservation Reserve Program	
A 1.107:619	26787711	Metropolitan growth and agriculture :	
A 1.107:621	26787723	Economic returns to boll weevil eradication	
A 1.107:623	26712379	Reevaluation of the beef carcass-to-retail weight conver	
A 1.107:625	25703850	Involuntary exits from farming	
A 1.107:631	26832317	Exits from farming in southwestern Wisconsin, 1982-86	
A 1.107:634	25703916	Water allocation tradeoffs	
A 1.107:635	26339256	Seven farm input industries	
A 1.107:641	26830075	Apple import demand	
A 1.107:642	26832672	Cattle feeding, 1962-89	
A 1.107:644	25898681	Differences in agricultural research and productivity amo	
A 1.107:647	26787791	Climate change :	
A 1.107:648	26787808	Hired and contract labor in U.S. agriculture, 1987 :	
A 1.107:649	26787818	Loan repayment problems of farmers in the mid-1980's	

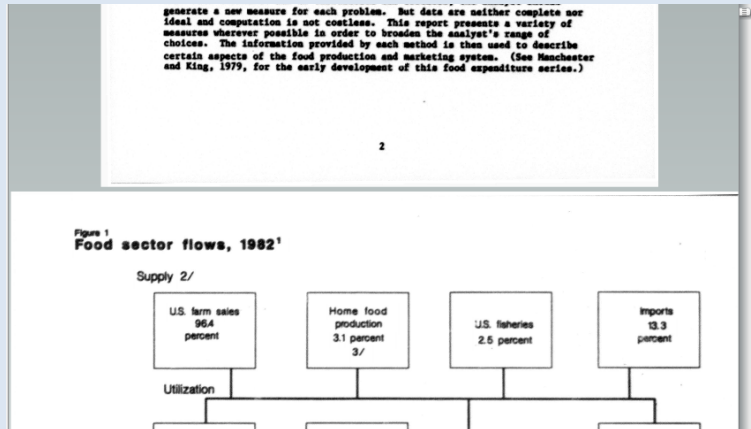
Scanning Issues



Obvious Problem: Second Generation

- Trying to make digital copies of fiche is challenging because the fiche master is itself a copy.
- Limitations on how much you can correct.
- Sometimes you just have to say, “this is as good as it gets.”

Page Orientation



Bad Microform Scans Yield Bad Digital Scans

When comprehensive research is being formulated which includes both marketing and nonmarketing aspects, normally the companion project technique should be followed; i.e., the marketing phase should be presented in a separate outline, distinct from the project or projects dealing with the nonmarketing phase. In those exceptional instances where the station administration believes that the companion project procedure would seriously impede necessary teamwork and coordination of research efforts, a single project outline will be acceptable. For such occasional projects, the percentage approved as marketing will be determined by CSfTS on the basis of the proportionate part of the total effort adjudged to be marketing.

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OCR – Full Text Searchability

The screenshot shows Adobe Acrobat Professional with a PDF document open. The search sidebar on the right displays the following results:

- the peaceful resolution of international conf...
- Just peace based on freedom and human dig...
- more peaceful world through an array of pe...
- and Peace, Stanford University Father Theo...
- of Peace, former U.S. ambassador to
- for Peacekeeping in the Southern Tier of P...
- of Peace. The Study Group is a joint underta...
- in Peacekeeping and Conflict Resolution, an...
- for Peacekeeping in the Southern Tier of P...
- of Peace. These groups seek to bridge the g...
- of Peace according to the process outlined a...
- a peaceful transition to an interim governm...
- Small peace negotiations a uncertain fut...
- of Peace, working with an original draft by P...
- for Peacekeeping in the Southern Tier of P...
- for Peacekeeping in the Southern Tier of P...
- International Peace Rose Gottenmuller, RAN
- of Peace John Joyce Kenneth Katzman, Libr...
- Hesly, Peace Fellow, United States Instit...
- of Peace is
- of Peace Michael Ochs, Helsinki Commission
- of Peace Barnett Rubin, Columbia University

Metadata Standards

Description	Files (Total: 1)
<p>Title Guidelines for marketing research</p> <p>Corporate Contributor United States. Cooperative State Research Service</p> <p>Type of Resource text</p> <p>Date Created 1970</p> <p>Digital Origin reformatted digital</p> <p>Topics Marketing research</p> <p>Places United States</p> <p>Organizations United States. Cooperative State Research Service</p> <p>Subject Genre Handbooks, vade-mecums, etc.</p> <p>Handle http://hdl.handle.net/10176/gopig.20</p> <p>Rights Statement Works produced by employees and contractors of the U.S. Government as part of their official duties are not copyrighted within the United States.</p> <p>Genre government publication</p> <p>Place of Publication Washington, D.C.</p> <p>Publisher Cooperative State Research Service, U.S. Dept. of Agriculture</p> <p>Language English</p> <p>Extent 1 electronic resource (iv, 4 p.) : PDF file</p> <p>Notes "April 1970." Distributed to depository libraries in microfiche.</p> <p>Administrative Notes Shipping list no.: 93-0547-M. Item no.: 0010 (MF) (OCLC)28487094 (mf)</p> <p>Local Identifiers A 1.2-G 94/2</p>	<p>A1.2.G94.2.pdf A 1.2.G94.2.pdf</p> <p>View Download</p> <p>Page 1 of 1</p>

Record Cloning

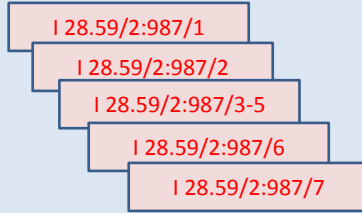
- In cases where serially-produced publications are cataloged as serials, we would need to clone records to account for each piece.

Title: Copper in the United States.
Publ Info: [Washington, D.C.] : U.S. Dept. of the Interior, Bureau of Mines : U.S. G.P.O., [1983-
Location: Hampden Gov Docs 128.59/2.
Lib. Has: 987/1-7 (Jan.-July 1987); 987/11 (Nov. 1987); 988/1-2 (Jan.-Feb. 1988); 988/4-5 (Apr.-May 1988); 989/4-5 (Apr.-May 1989); 990/1 (Jan. 1990); 990/3-8 (Mar.-Aug. 1990); 990/10 (Oct. 1990)-991/8 (Aug. 1991); 991/11 (Nov. 1991)-994/11 (Nov. 1994); 995/3-6 (Mar.-June 1995).

LOCATION	CALL #	STATUS
Hampden Docs Fiche	1 28.59/2: 987/1 (Jan. 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 987/2 (Feb. 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 987/3-5 (Mar.-May 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 987/6 (June 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 987/7 (July 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 987/11 (Nov. 1987)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 988/1 (Jan. 1988)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 988/2 (Feb. 1988)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 988/4 (Apr. 1988)	AVAILABLE
Hampden Docs Fiche	1 28.59/2: 988/5 (May 1988)	AVAILABLE

View additional copies or search for a specific volume/copy

Print/Fiche World – serial record



Digital World – individual monographic records

Grabbing Records from the CGP with MARCedit

Z39.50 from the Catalog of Government Publications (CGP)
Chris Brown, University of Denver, Penrose Library
July 18, 2008

Downloading MARC records from the CGP is easy. It can be used to add a single record, or groups of records based on SuDocs stems, item numbers, or other fields.

- You will need Z39.50 client software. I recommend MarcEdit. It is available for free from: <http://oregonstate.edu/~reset/marcedit.html>
- Obtain your Z39.50 password from GPO.
An email from FDLP-L on 2/29/08 tells about this:
Library Services and Content Management is pleased to announce that access to the CGP via Z39.50 for searching, retrieval and downloading of bibliographic records is now available to depository libraries. A password is required for access. This password is found in a field created for this purpose in the new Federal Depository Library Directory (FDLD) at: <http://catalog.gpo.gov/fdlddir/login.jsp>.

Go to: <http://catalog.gpo.gov/F/?func=filefile name=find-33950> for configuration information to connect to the CGP via a Z39.50 client and for directions on how to access the password in the FDLD.

GPO
CATALOG OF U.S. GOVERNMENT PUBLICATIONS

MENU OPTIONS
+ Database
Search FOLD Profiles
Edit FOLD Profile
Edit User Information

Federal Depository Library Directory Administration Page

Catalog Record Distribution

- Z39.50 harvesting
- FTP record pickup
- OCLC (you can pay for it if that's what you want!)

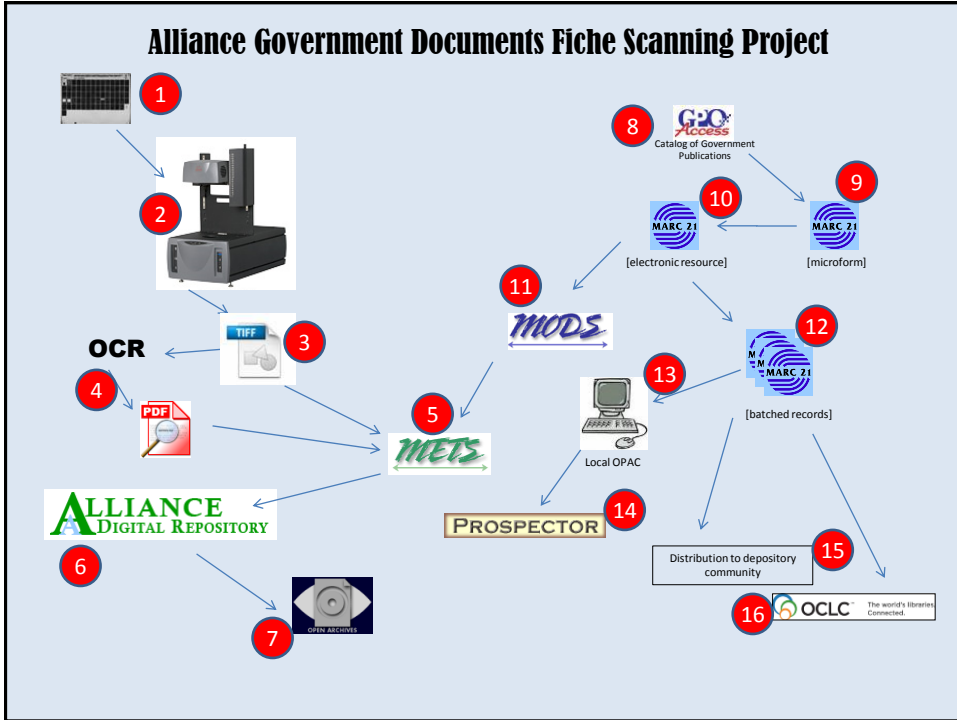
Z39.50 Bib-1 USE Attributes
The following bib-1 'use' attributes are supported by GPO's Z39.50 configuration.

For Keyword Searches:

Field	Use Value
All Keywords	T016
Author Keyword	T003
Title Keywords	4
Series Title	6
Subject Heading	21
Year	31
ISSN	7
ISBN	8
System Number	12
OCLC Number	T007
LCCN	9
Stock Number	T028
Suboc Number *	60
Item Number **	T224
Notes	63
PURL (LPS#)	T032
Record Date and Time Stamp (005)	T012

What is Unique About this Project?

- Record distribution model. We plan to make records available in batches pickup (perhaps via FTP). Records could also be harvested via OIA-PMH protocols. In addition, records would be in OCLC.
- Collaborative scanning model. We may open up the project so that other depositories could contribute scanned/OCR'd content. Not certain of this yet.



Notes to above chart, part I



1. Most depositories have more and more drawers of documents fiche used less and less.
2. Fiche are scanned on a variety of machines. The Alliance purchased a Sunrise 3 in 1 Speedscan. We also use a ScanPro 2000 scanner.
3. Scanner outputs TIF images.
4. TIF images are scanned and OCR'd with ABBYY Finereader, and PDFs are produced.
5. TIFs and PDFs and combined with metadata into a METS envelope.
6. The METS envelope is deposited in the Alliance Digital Repository.
7. The project is open access and will be exposed to search engines.

Notes to above chart, part II



8. The Catalog of Government Publications is the source of the records. This way we are using records that we don't have to pay for.
9. Microform records will be harvested from the CGP using Z39.50 protocols and our depository password (see http://www.fdlp.gov/home/repository/doc_view/226-cgp-via-z3950-configuration-and-faqs-handout).
10. Microform records converted to electronic records.
11. From these MARC records MODS metadata is created and packed in with the METS envelope (see 5. above).
12. The MARC electronic format records will be batched for loading into local ILS systems.
13. In the case of the University of Denver, these records will be discoverable in our local OPAC.
14. In addition records will be discoverable in Prospector, the Colorado union catalog.
15. Record batches will be eventually available for delivery or pickup by interested libraries.
16. Records will also be contributed to OCLC for libraries that wish to pay for them.

Naming the Project

- Federal Access to Reports, Technical & Scientific – maybe not a good name
- Another Life: Federal Fiche Online
- URL (may change): <http://gopig.coalliance.org>

Questions?



Christopher C. Brown, Government Documents Librarian
University of Denver, Penrose Library
(303) 871-3404; cbrown@du.edu