



FEDERAL RESERVE BANK
OF DALLAS

HELEN E. HOLCOMB
FIRST VICE PRESIDENT AND
CHIEF OPERATING OFFICER

DALLAS, TEXAS
75265-5906

March 27, 1998

Notice 98-27

TO: The Chief Operating Officer of each
financial institution and others concerned
in the Eleventh Federal Reserve District

SUBJECT

Federal Reserve System Century Date Change Testing Plans

DETAILS

To keep you fully informed of the Federal Reserve System's preparations for the Year 2000, we are enclosing details of the types of testing available to our customers in 1998. *Century Date Change Bulletin No. 3* outlines three types of testing:

- Single application testing will be offered for each Federal Reserve application with a customer interface. Multiple test opportunities have been established for each application.
- Six "Shared Testing Days" will be offered to customers wishing to test the century rollover and/or the leap year 2000 with multiple Federal Reserve applications on the same weekend. The Shared Testing schedule also provides customers the opportunity to participate in an integrated test with the Federal Reserve's accounting system.
- End-to-end testing will be available for sending Funds and Book-Entry Securities transactions between customers.

Century Date Change Bulletin No. 3 also presents the 1998 test schedules for the Funds Transfer System, National Book-Entry System (NBES), Account Balance Monitoring System (ABMS), Fed ACH, Integrated Accounting System (IAS), Savings Bonds, Treasury Tax and Loan (TT&L), as well as for an array of other Federal Reserve services. The *Bulletin* also discusses the necessary steps for institutions using Fedline® and/or Bulkdata software.

For additional copies, bankers and others are encouraged to use one of the following toll-free numbers in contacting the Federal Reserve Bank of Dallas: Dallas Office (800) 333-4460; El Paso Branch *Intrastate* (800) 592-1631, *Interstate* (800) 351-1012; Houston Branch *Intrastate* (800) 392-4162, *Interstate* (800) 221-0363; San Antonio Branch *Intrastate* (800) 292-5810.

The *Eleventh District Supplement* details information on testing Checks, TT&L, IAS, and other District-specific products. Customer Help Desk contacts and procedures for scheduling testing are listed.

The Federal Reserve Bank of Dallas is considering holding free, half-day seminars throughout the Eleventh District on issues related to the CDC. So we can incorporate your needs in the programs, please complete the enclosed survey by Friday, April 17, and return to Sarah Jennings at 2200 N. Pearl St., Dallas, TX 75201, or by fax: (214) 922-5268.

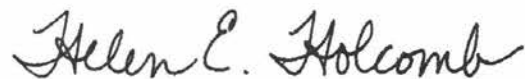
ENCLOSURES

The Federal Reserve System's *Century Date Change Bulletin No. 3*, the *Eleventh District Supplement*, and a survey are enclosed.

MORE INFORMATION

If you have any questions regarding CDC testing plans, please call your local Help Desk (numbers are listed in the *Eleventh District Supplement*). For additional copies of this Bank's notice, please contact the Public Affairs Department at (214) 922-5254.

Sincerely,

A handwritten signature in cursive script that reads "Helen E. Holcomb".



Century Date Change BULLETIN

Federal Reserve

No. 3

March 1998

Published by Federal Reserve Automation Services, San Francisco

Please route this information to:

1998 Customer Testing for Century Date Change

The Federal Reserve recognizes that testing may be a major part of your year 2000 project. To meet your testing needs and help you plan your own testing schedule, this **Century Date Change Bulletin** presents the 1998 Federal Reserve plans for supporting customer testing for century date change (CDC) readiness of automated interfaces with the Federal Reserve. The Federal Reserve will offer support for customer CDC testing from July 1998 through late 1999. Plans for customer CDC testing in 1999 will be published later this year.

What is in this Bulletin

This Bulletin presents:

- A description of **1998 CDC test opportunities**, including the types of testing we will be offering, and the test environments and support we will provide;
- Information on steps to take with **Fedline^{®1} software** and **Bulkdata** to prepare for CDC testing with the Federal Reserve;
- The schedule and application plans for Federal Reserve application participation in CDC **Shared Testing Days**;
- Detailed information on test environment availability, test guidelines, and the **individual 1998 application schedules** for testing specific future-date cycles for:
 - the Funds Transfer System, the National Book-Entry System (NBES), and the Account Balance Monitoring System (ABMS)
 - Fed ACH
 - the Integrated Accounting System (IAS)
 - Statistical Reporting and Reserves Processing;
- An **overview** of the 1998 CDC customer test approach of other Federal Reserve applications with electronic data exchanges:
 - Automated Standard Application for Payments (ASAP)
 - Billing
 - Cash
 - Checks
 - the Community Reinvestment Act (CRA) application
 - the Daylight Overdraft Reporting System (DORPS)
 - the Electronic Tax Application (ETA)
 - the Home Mortgage Disclosure Act (HMDA) application
 - Savings Bonds
 - the Treasury Auction Automated Processing System (TAAPS)
 - the Trading Room Auction Processing System (TRAPS)
 - Treasury Tax and Loan (TT&L).
- Where you can find **more details** on the Federal Reserve's plans and strategies related to CDC customer testing.

¹ "Fedline" is a registered trademark of the Federal Reserve Banks.

The 1998 Test Opportunities

In 1998, we will offer our customers the opportunity to test in future-dated environments with all the Federal Reserve applications which interface with you. The primary purpose of providing these environments is to enable you to test your automated front-end and/or back-end interfaces with Federal Reserve applications to ensure that your interfaces are CDC ready.

Each application will offer an environment in which customers can test, at a minimum, these future date scenarios, which include business days that span:

Century rollover

December 31, 1999, through January 3, 2000, and

Leap year 2000

February 28, 2000, through March 1, 2000.

These cycles will be repeated within each application's test environment, giving customers multiple opportunities to test.

Types of Testing Available to You in 1998

Single Application Testing

For each Federal Reserve application with customer interfaces, the Federal Reserve will offer flexible schedules and multiple opportunities to test input and/or output to that individual application.

Shared Testing Days

In addition to the individual application test schedules, the Federal Reserve has designated six weekends in 1998 as "Shared Testing Days." These Shared Testing Days will support three objectives:

- to offer the opportunity for customers to test century rollover with multiple Federal Reserve applications on the same weekend;
- to offer the opportunity for customers to test leap year 2000 with multiple Federal Reserve applications on the same weekend; and
- to offer the opportunity for customers to participate in an integrated test of major Federal Reserve payments applications with the Federal Reserve's

accounting application. This will enable you to see the effects of test transactions entered into participating business applications on your accounting statements and to validate your internal reconciliation processes.

Shared Testing Days provide you maximum flexibility in planning and scheduling CDC testing in 1998. For example, if you are a Computer Interface customer or a customer using the Fedline software, and your terminals are dedicated to production on most weekdays, these CDC Shared Testing Days will provide you with weekend test time when you can test with many of our major services outside of routine production hours.

End-to-End Testing in the CDC Environment

End-to-end testing—between customer endpoints—will be available for sending funds or book-entry securities transactions between customers. Fed ACH customers may complete end-to-end testing by originating files to themselves.

CDC Test Environments and Controls

The Federal Reserve's customer test environments will simulate future dates through the use of a date simulation tool. Prior to making the CDC test environments available to you, the Federal Reserve will have completed its CDC testing of Fedline, Bulkdata, and the internal application systems that process your transactions. Therefore, the test environments we provide you for testing your electronic data exchanges will be CDC ready.

In most cases, you will be connecting to new, special environments for CDC testing, and we will provide detailed instructions prior to testing on how to set up your Fedline terminal or Computer Interface connection and how to connect to the CDC test environments. CDC testing will not require a separate physical telecommunications line.

As with all customer testing, the Federal Reserve will implement controls to protect its production environment against the introduction of CDC test data. Consequently, the Federal Reserve may require additional or special preparatory procedures prior to

your testing. We will provide these requirements to you in the next Bulletin.

Similarly, we encourage you to examine your test processes and configurations to ensure the separation of test and production data in your own organization throughout CDC testing.

CDC Test Support

Customers with questions regarding CDC testing should contact the local Reserve Bank customer support help desk. Test support and details regarding testing procedures will be provided by help desk staff. Staff will be able to answer questions regarding schedules, schedule test dates, and arrange scheduling of special tests. Staff also will assist with Fedline software setup and/or connectivity and help resolve problems.

Customers desiring specific test cycle dates or other scenarios should discuss these requests with the help desk staff as early as possible.

In some cases, additional test support also will be provided by local Reserve Bank business support staff, including support for Fed ACH, IAS, Statistical Reporting and Reserves Processing, and TT&L. For customers who interact with multiple Reserve Banks, CDC test coordinators will facilitate arrangements for testing with multiple Reserve Banks.

1999 CDC Testing

The Federal Reserve will offer opportunities for customer-initiated testing of CDC through 1999. Even if you conduct comprehensive CDC testing in 1998, it may be possible that you may still need to retest in 1999 based on changes to your environment.

Fedline and Bulkdata

For Fedline Customers

A patch for DOS-based Fedline will be provided to all Fedline customers in the second quarter of 1998. Customers are asked to install the patch immediately

on receipt as part of CDC readiness preparations. The "CDC patch" ensures the correct presentation of 21st century dates on screens and printed acknowledgments. There are no date field expansions, other screen changes, or file/message format changes included in the patch for the DOS-based Fedline product. The Federal Reserve will extensively test this patch and all Fedline data entry and transaction processing functions to validate that Fedline handles year 2000 processing correctly.

In addition to installing the patch, Fedline customers have a number of other important steps to complete as part of CDC readiness preparations. Fedline users must complete an assessment of the PC hardware used for Fedline and determine if new hardware is needed. Also, Fedline customers should evaluate their CDC testing needs. This evaluation should include any needs for internal testing of files or messages created or processed by internally-developed or vendor-provided systems. It also should include the need for interface testing with the Federal Reserve to ensure that those files or messages process through Federal Reserve systems correctly. Each of these steps is described below.

Assessment of Fedline PC Hardware

Much has been in the news regarding problems that personal computers may have with the transition to the year 2000. All personal computers have an internal clock that maintains and reports the date and time. In some computers, the year is stored and processed as two rather than four digits. The year 2000 will affect these computers, just as it affects other automation systems, including mainframe computers and computer software.

You may plan to upgrade your PC equipment prior to the year 2000 to support your migration to FedLine for the Windows NT^{®2} Workstation operating system³, or for other reasons. If so, you should ensure that any newly-purchased PC equipment includes a statement that it is CDC ready. You also should complete a test on the new equipment to verify not only that it works with FedLine, but that it correctly functions with all of your other business applications.

² "Windows NT" is a registered trademark of Microsoft Corporation.

³ To run the new FedLine effectively under Windows NT Workstation, you may need a more powerful PC configuration than you have today. In the FedLine newsletter of October 1997, we recommended that new equipment purchases be delayed until as close to the transition date as possible, in order to take advantage of the latest technology. This continues to be our recommendation.

Alternatively, if you plan to use your current PC to run Fedline for DOS through the year 2000, you will need to test this equipment as well, to assess how it handles year 2000 processing.

The Federal Reserve will provide specific procedures for testing your Fedline PC for year 2000 readiness in upcoming publications. These procedures will include steps to protect your production business transactions during testing. Use caution if you plan to do any PC testing on your own prior to receiving these procedures.

Your Internal Testing

Once you have installed the CDC patch and thoroughly tested the PC hardware, the next step is internal testing. If you use internally-developed systems or vendor products to prepare or process Fedline files and/or messages, you will need to test these systems to ensure that they process dates correctly into the year 2000. At a minimum, you should test to ensure that these systems can process dates correctly through the century change, and through the year 2000 leap year span. Additional test criteria may be applicable to your systems, depending on their functions. It is your responsibility to ensure that your systems function properly.

Fedline can be useful in performing some of your internal testing. For some applications, the import, browse, and reporting functions can be used to verify correct CDC date processing in files or messages created from your systems. As with the testing of your hardware, you can ensure that the forward-dated testing does not present risk to production transactions by testing in TEST mode.

Once your internal systems have been tested for year 2000 readiness, you may want to test your front-end or back-end automated interfaces with Federal Reserve applications, using Fedline to communicate with the Federal Reserve Bank.

Testing with the Federal Reserve Bank

Fedline customers will have the opportunity to test their internal interfaces to the individual Federal

Reserve applications separately, or can participate in the weekend Shared Testing Days. Please review the detailed information and schedules for testing provided in this Bulletin, as well as in your local Reserve Bank District Supplement, to develop your test plans and determine the next steps for arranging testing with the Federal Reserve.

For Bulkdata Customers

The Bulkdata User File Header will not change; it will retain its two-digit year format. As a result, there will be no changes to the Bulkdata Computer Interface Protocol Specifications (CIPS). If your application interprets the Bulkdata User File header as part of its programming logic, you may need to modify your code to interpret "00" correctly, since the User File Header will continue to use two-digit years.

For Computer Interface customers that have Bulkdata installed on their own mainframe systems, a new version of MVS Bulkdata (Version 5.1.3C) will allow correct processing of files when the date changes from December 31, 1999, to January 1, 2000. Bulkdata 5.1.3C will be available to you from your local Reserve Bank in April 1998. You will need to schedule your Bulkdata installation between April and June 1998, if you intend for your systems to be prepared by July 1998 to participate in CDC testing with Federal Reserve file transfer applications.

Version 5.1.3C must be installed in a test environment in order to conduct CDC testing of file **origination**. If you do not have a test Bulkdata system, you will need to create one, which can be accomplished using the automated "quick install" process. Please note, however, that this new version is not necessary to conduct CDC testing of file **receipt** functions.

CDC 1998 Shared Testing Days

During 1998, the Federal Reserve will offer six Shared Testing Days weekends. Four of these will be devoted to testing century rollover and will include an integrated test with IAS for the future date of January 3, 2000. The other two will be for testing the processing of leap year 2000.

The three tables below provide further information on Shared Testing Days. Table 1 presents the 1998 Shared Testing Day schedule for the century rollover and the Saturday integrated tests. Table 2 presents the Shared Testing Day schedule for the leap year 2000 tests. Table 3 details each Federal Reserve application's plans for participation in Shared Testing Days, for century rollover, leap year 2000, and the integrated tests with IAS.

Table 1
1998 Shared Testing Day Schedule for Century Rollover and Integrated Tests

Future Date of:	December 31, 1999	January 3, 2000
Testing Weekends:	Friday, September 18 Friday, October 16 Friday, November 20 Friday, December 11	Saturday, September 19 * Saturday, October 17 * Saturday, November 21 * Saturday, December 12 *
Test Times (ET):	8:30 A.M.- 10:30 P.M.	8:30 A.M. - 2:00 P.M.
IAS recon files available:		5:30 P.M.

* On these Saturdays, some applications will offer integrated testing with IAS (see Table 3 for the applications participating in these tests). It may be necessary for customers to sign up in advance to participate in the integrated tests.

Table 2
1998 Shared Testing Day Schedule for Leap Year 2000⁴

Future Date of:	February 28, 2000	February 29, 2000	March 1, 2000
Testing Weekend:	Friday, October 9	Saturday, October 10	Sunday, October 11
Test Times (ET):	8:30 A.M.-10:30 P.M.	8:30 A.M.-10:30 P.M.	8:30 A.M.- 2:30 P.M.
Testing Weekend:	Friday, November 13	Saturday, November 14	Saturday, November 14
Test Times (ET):	8:30 A.M.- 10:30 P.M.	8:30 A.M.-11:00 A.M.	3:00 P.M.- 5:30 P.M.

⁴ The first test of leap year 2000 processing will span Friday, Saturday, and Sunday of Columbus Day weekend. The second test will "roll through" the three future dates on two testing days-- Friday and Saturday.

Table 3
Federal Reserve Application Plans for Participation in Shared Testing Days

Name of Application	Century Rollover Shared Testing Days	Leap Year 2000 Shared Testing Days	Integrated Tests with IAS
Account Balance Monitoring System	Yes	Yes	Yes
ASAP	No	No	No
Billing	No	No	No
Cash Ordering	No	No	No
Checks	Yes	Yes, per individual Reserve Bank's schedule	Yes
Check Adjustments	Yes, per individual Reserve Bank's schedule	Varies, per individual Reserve Bank's schedule	Yes
The Community Reinvestment Act (CRA) software	No	No	No
The Daylight Overdraft Reporting System (DORPS)	No	No	No
Electronic Tax Application (ETA)	October 16 and 17 only	November 13 and 14 only	No
Funds Transfer	Yes	Yes	Yes
Fed ACH	Yes	Yes	Yes
The Home Mortgage Disclosure Act (HMDA) software	No	No	No
Integrated Accounting System (IAS)	Yes	Yes	Yes
National Book-Entry System (NBES)	Yes	Yes	Yes
Savings Bonds	No	No	No
Statistical Reporting and Reserve Processing	No	No	No
TAAPS	Yes	November 13 and 14 only	No
TRAPS and Fedline Open Market (OM)	Yes	No	No
TT&L	Yes	Each Reserve Bank will participate in one of the two tests	Yes

Detailed Test Plans for Federal Reserve Applications

This section presents the individual standalone test plans and schedules for six Federal Reserve applications: Funds Transfer; NBES; ABMS; Fed ACH; IAS; and Statistical Reporting and Reserves Processing. Each schedule is organized to meet the unique needs of customers and the business application functions.⁵

Funds Transfer, National Book-Entry System (NBES), and the Account Balance Monitoring System (ABMS)

Funds Transfer, NBES, and ABMS will be in the same future-dated test environment, and will offer the same test schedule. This schedule was developed in cooperation with other securities and funds providers.

Future Date Test Cycles

The century date rollover sequence of December 30, 1999, through January 4, 2000, will be available for testing Monday through Thursday during most five-day work weeks each month in 1998, beginning the week of June 29, 1998.

In general, Friday and Saturday testing will alternate between century rollover tests of December 31, 1999, through January 3, 2000, and tests of leap year processing for February 28, through February 29, 2000.

Holiday weeks and occasional other weeks will be reserved for special cycle dates, such as tests of month-end and quarter-end processing in the year 2000.

Test Environment Availability

Each Monday, the first future date of the date cycle will be available for on-line testing for five hours, from 8:30 A.M. ET until 1:30 P.M. ET. End-of-day report processing will be completed after the 1:30 P.M. ET close Monday afternoon.

Beginning on Monday night at 6:00 P.M. ET, the next future date will be available for online testing for 19.5 hours, until 1:30 P.M. ET Tuesday afternoon, with end-of-day report processing after the 1:30 P.M. ET close.

This pattern of availability from 6:00 P.M. ET through 1:30 P.M. ET the following day will continue through the week to Friday at 1:30 P.M. ET. On weeks with

Saturday testing, the test system will remain available for online processing later on Friday nights, until 10:30 P.M. ET.

On Saturdays, the test environment will be available for online processing for five hours, from 10:00 A.M. ET until 3:00 P.M. ET, with end-of-day report processing after the 3:00 P.M. ET close.

Test Guidelines

You will be able to test all online functionality for Funds, NBES, and ABMS during the defined testing periods. Customers will be able to send and receive wires with other Fedwire customers at any time in the CDC test schedule, as they can in the regular depository institution testing (DIT) environment. There will be no limits on customer-initiated volume. Some customers may want to perform both low-volume scripted tests and higher volume tests. Most days, the applications will make all end-of-day reports and files available for you.

We do not plan to cold-start the applications nightly, as is done in the DIT. This will leave messages on queue from day-to-day and allow book-entry customers the opportunity to determine their proper holdings on any given day in the test sequence. A cold-start will be performed before beginning each new sequence of cycle dates (e.g., Thursday and Saturday nights). In addition, the securities holdings will be restored to a pre-identified point in time for each testing sequence. Details will be provided in the next Bulletin on testing for securities that will mature prior to the year 2000.

We will not require customers to complete the communications protocol or application certification scripts. However, if requested, local Reserve Bank customer support help desk staff will be prepared to assist customers in executing those test scripts.

FLASH customers will connect to the CDC DIT instead of the usual DIT environment. Some FRISC customers may require an IMS gen performed both on their own system and in the Federal Reserve's system. The Federal Reserve may need to set up additional data security rules for FRISC customers.

Schedule

Table 4 presents the 1998 Funds Transfer, NBES, and ABMS test schedule.

⁵ For information on these applications' participation in Shared Testing Days, refer to Table 3.

Table 4
Funds Transfer, NBES, and ABMS 1998 CDC Test Schedule

1998 Test Week	Test Days	Future Dates	Date Scenarios
6/29	MTWThF	12/30, 12/31, 1/3, 1/4,1/5	Century rollover
7/6	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3	Century rollover Century rollover
7/13	MTWTh FS	12/30, 12/31, 1/3, 1/4 2/28, 2/29	Century rollover Leap year 2000
7/20	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3	Century rollover Century rollover
7/27	MT WThF	9/8/99,9/9/99 2/28,2/29,3/1	Application-specific test Leap year 2000
8/3	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3	Century rollover Century rollover
8/10	MTWThF	12/30, 12/31, 1/3, 1/4, 1/5	Century rollover
8/17	MTWThF	12/30, 12/31, 1/3, 1/4, 1/5	Century rollover
8/24	MT WThF	1/31, 2/1 2/28, 2/29, 3/1	Month end 2000 Leap year 2000
8/31	MTWThF	12/30, 12/31, 1/3, 1/4, 1/5	Century rollover
9/7	WThF	2/28, 2/29, 3/1	Leap year 2000
9/14	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3*	Century rollover Shared Testing Days of Century rollover
9/21	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3	Century rollover Century rollover with CHIPS and SWIFT on 1/3
9/28	MTWTh FS	12/30, 12/31, 1/3, 1/4 2/29, 3/1	Century rollover Leap year 2000

* *Integrated test opportunity.*

Table 4 (continued)
Funds Transfer, NBES, and ABMS 1998 CDC Test Schedule

1998 Test Week	Test Days	Future Dates	Date Scenarios
10/5	MTWTh FSSu	12/30, 12/31, 1/3, 1/4 2/28, 2/29, 3/1	Century rollover Shared Testing days of Leap year 2000
10/12	T WTh FS	9/9/99 3/31, 4/3 12/31, 1/3*	Application-specific test Quarter end 2000 Shared Testing Days of Century rollover
10/19	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3	Century rollover Century rollover
10/26	MTWTh FS	12/30, 12/31, 1/3, 1/4 2/28, 2/29	Century rollover Leap year 2000
11/2	MT WThF	1/31, 2/1 2/28, 2/29, 3/1	Month end 2000 Leap year 2000
11/9	TTh F S	3/31, 4/3 2/28 2/29, 3/1	Quarter end 2000 Shared testing days of Leap year 2000
11/16	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3*	Century rollover Shared Testing Days of Century rollover
11/23	M TW	9/9/99 1/31, 2/1	Application-specific test Month end 2000
11/30	MTWTh FS	12/30, 12/31, 1/3, 1/4 2/29, 3/1	Century rollover Leap year 2000
12/7	MTWTh FS	12/30, 12/31, 1/3, 1/4 12/31, 1/3*	Century rollover Shared Testing Days of Century rollover
12/14	MTWTh FS	12/30, 12/31, 1/3, 1/4 2/28, 2/29	Century rollover Leap year 2000
12/21	No testing		
12/28	No testing		

* *Integrated test opportunity.*

Fed ACH

Future Date Test Cycles

Fed ACH will offer testing for the century rollover for the processing dates December 29, 1999, through January 3, 2000, and testing for leap year processing for the dates of February 28, 2000, through March 1, 2000.

Test Environment Availability

The CDC test environment for customers will be available Monday through Friday, 8:00 A.M. ET to 8:00 P.M. ET. Saturday hours will be 8:00 A.M. ET until 5:00 P.M. ET.

For the purpose of CDC testing, Fed ACH, which has a 24-hour processing day, has spread each future date over two consecutive days of 12 hours of test time. This

will provide ample time to resolve any problems and submit successful files into the future-dated environment. For example, on July 13 and 14, 1998, the environment will be set for the future date of February 28. Testing could begin at 8:00 A.M. ET on July 13. Immediate Settlement will run at 8:00 P.M. ET. Testing for February 28 could continue at 8:00 A.M. ET on July 14, until close at 8:00 P.M. ET.

Test Guidelines

In 1998, Fed ACH will provide customers with a future-dated test system where they can test their ability to create and send input files to Fed ACH, pick up advices, and receive and process output files from Fed ACH.

Schedule

Table 5 presents the 1998 Fed ACH test schedule.

Table 5
Fed ACH 1998 CDC Test Schedule

1998 Test Week	Test Days	Future Dates	Date Scenarios
6/29	MT WTh F	12/29 12/30 12/31	Century rollover
7/6	M TW	12/31 1/3	Century rollover continued
7/13	MT WTh FS	2/28 2/29 3/1	Leap year 2000
7/20	No Testing		
7/27	MT WTh FS	12/29 12/30 12/31	Century rollover
8/3	MT	1/3	Century rollover continued
8/10	MT WTh FS	2/28 2/29 3/1	Leap year 2000
8/17	No Testing		
8/24	MT WTh FS	12/29 12/30 12/31	Century rollover
8/31	MW	1/3	Century rollover continued

Table 5 (continued)
Fed ACH 1998 CDC Test Schedule

1998 Test Week	Test Days	Future Dates	Date Scenarios
9/7	MT WTh F	2/28 2/29 3/1	Leap year 2000
9/14	M FS	3/1 12/31, 1/3*	Leap year continued Shared Testing Days of Century rollover.
9/21	MT WTh FS	12/29 12/30 12/31	Century rollover
9/28	MT	1/3	Century rollover continued
10/5	FSSu	2/28, 2/29, 3/1	Shared Testing Days of Leap year 2000
10/12	FS	12/31, 1/3*	Shared Testing days of Century rollover
10/19	MT WTh FS	12/29 12/30 12/31	Century rollover
10/26	MT	1/3	Century rollover continued
11/2	MT WTh F	2/28 2/29 3/1	Leap year 2000
11/9	M F S	3/1 2/28 2/29, 3/1	Leap year continued Shared Testing Days of Leap year 2000
11/16	FS	12/31, 1/3 *	Shared Testing Days of Century rollover
11/23	MT	1/3	Century rollover
11/30	MT WTh F	2/28 2/29 3/1	Leap year 2000
12/7	M FS	3/1 12/31, 1/3*	Leap year continued Shared Testing Days of Century rollover
12/14	MT WTh FS	12/29 12/30 12/31	Century rollover
12/21	MT	1/3	Century rollover continued
12/28	MT WTh	2/28 2/29	Leap year 2000
1/4/99	MT	3/1	Leap year 2000 continued

* *Integrated Test opportunity*

The Integrated Accounting System (IAS)

Future Date Test Cycles

Two future-dated test cycles will be offered: the century rollover and leap year processing. The century rollover test cycle will be December 30, 1999, through January 3, 2000. The leap year processing cycle will be February 28, 2000, through March 1, 2000.

The CDC customer test approach for IAS spreads each future-dated test day over a two-week period. The first week of testing for each future date will be available for customer balance and Payments System Risk (PSR) inquiries. During the second test week of each future date, customers can request reconciliation files and statements, in addition to making inquiries. The Monday at the beginning of each cycle and the Saturday and Sunday at the end of each cycle have been reserved for application set-up, and testing cannot be accommodated during these periods.

This basic test cycle will be repeated in its entirety twice during 1998, and the schedule will be repeated during 1999.

Test Environment Availability

IAS will use an existing test region with a date simulation tool to support customer testing for CDC. Logical terminal names for Fedline and Computer Interface testing may need to be genned if you have not previously tested with IAS.

The test environment will be available Monday through Friday from 7:00 A.M. ET to 10:00 P.M. ET daily. Saturday testing will be available by special request. Central test support staff will be available from 8:30 A.M. ET to 5:00 P.M. ET daily.

Test Guidelines

Testing will include intra-day Fedline access as well as intra-day depository institution reporting and end of day reporting and reconciliation file distribution. Future and deferred transactions will be created so transactions entered in 1999 and maturing in 2000 can be reconciled. Customers will need to work with local



Reserve Bank contacts to arrange to receive these files as well as to set up any testing terminals for IMS access to the test region.

Customer testing should focus on the processing of the reconciliation file for the period spanning the end of year 1999 and the beginning of the year 2000. Other reports, files and displays are not as date sensitive, since they do not contain data which span the millennium change. However, other functions besides processing of reconciliation files that may be tested include:

- Statement processing;
- DFI balance and PSR Inquiries (as described in the CIPS script); and
- Cash Management.

Routine procedures for reserving specific test dates and times will apply. However, due to the tight schedule in 1998, requests for CDC testing dates other than those included in this Bulletin cannot be accommodated until at least December 1998.

Schedule

Table 6 presents the 1998 IAS test schedule.

Table 6
IAS 1998 CDC Test Schedule⁶

1998 Test Week	Test Days	Future Dates	Date Scenarios
6/29	TWThF	12/30	Century rollover
7/6	MTWThF	12/30	Century rollover continued
7/13	MTWThF	12/31	Century rollover continued
7/20	MTWThF	12/31	Century rollover continued
7/27	MTWThF	1/3	Century rollover continued
8/3	MTWThF	1/3	Century rollover continued
8/10	TWThF	2/28	Leap year 2000
8/17	MTWThF	2/28	Leap year continued
8/24	MTWThF	2/29	Leap year continued
8/31	MTWThF	2/29	Leap year continued
9/7	MTWThF	3/1	Leap year continued
9/14	MTWTh	3/1	Leap year continued
	FS	12/31,1/3*	Shared Testing Days of Century rollover
9/21	No Testing		
9/28	TWThF	12/30	Century rollover
10/5	MTWTh	12/30	Century rollover continued
	FSSu	2/28, 2/29, 3/1	Shared Testing Days of Leap year.
10/12	MTWTh	12/31	Century rollover continued
	FS	12/31, 1/3*	Shared Testing Days of Century rollover
10/19	MTWThF	12/31	Century rollover continued
10/26	MTWThF	1/3	Century rollover continued
11/2	MTWThF	1/3	Century rollover continued
11/9	TWTh	2/28	Leap year 2000
	F	2/28	Shared Testing Days of Leap year
	S	2/29, 3/1	
11/16	MTWTh	2/28	Leap year continued
	FS	12/31, 1/3*	Shared Testing Days of Century rollover
11/23	MTWThF	2/29	Leap year continued
11/30	MTWThF	2/29	Leap year continued
12/7	MTWTh	3/1	Leap year continued.
	FS	12/31, 1/3*	Shared Testing Days of Century rollover
12/14	MTWThF	3/1	Leap year continued
12/21		Special Requests	
12/28		Special Requests	

* *Integrated test opportunity.*

⁶ *There will be no testing on holidays.*

The Statistical Reporting and Reserves Processing Application

Future Date Scenarios

The Statistical Reporting and Reserves Processing application will be available to customers, beginning in July 1998, to support requests for processing future dates for CDC testing. Customers will have a variety of future date scenarios from which to choose. These include: submitting December 1999 reports to a January 2000 test environment; receiving reports reflecting January 2000 dates from a year 2000 environment; sending and receiving reports across leap year 2000 using a March 2000 date; and, processing quarterly reports using an April 2000 date.

Test Environment Availability

Customers will use Fedline software to connect to the Statistical Reporting and Reserves Processing test application, which will be located in a CDC future-dated test environment.

The test environment will be available during routine business hours on selected days and weekends, through late 1999. During the first two weeks of July 1998, the test environment will be available to receive electronically transmitted report files only. The test system will be available on selected weeks beginning the week of August 3, 1998, for you to perform more comprehensive testing.

Test Guidelines

Customers may validate the ability of internally-developed software or vendor-provided software to electronically transmit report files using Fedline. Local Reserve Bank customer support help desk staff or a local statistical reporting and reserves processing testing contact will confirm receipt of files. Customers also may want to validate year 2000 reserves and position-related files received from the Statistical Reporting and Reserves Processing application and processed by internally-developed or vendor-provided software.

For tests of report requests, customers can request and receive Required Reserves, Position, Penalty History, Estimated Reserves and Position Calculations, and Account Balance reports, using the future-date test scenarios described above. In addition, customers may request the receipt of unsolicited Reserves and Position reports, and As-of Adjustment statements.

Vendor software providers should note that there are no CDC format changes to the CIPS. Information regarding CIPS formats for CDC processing has previously been supplied to vendor software providers.

Schedule

Table 7 presents the 1998 Statistical Reporting and Reserves Processing test schedule.

Table 7
Statistical Reporting and Reserves Processing 1998 CDC Test Schedule

1998 Test Week	Test Days	Future Dates	Date Scenarios
7/6	WThS	Business day in January 2000	Century rollover
7/13	WThS	Business day in March 2000	Leap year 2000
8/3	WThS	Business day in January 2000	Century rollover
10/5	WThS	Business day in April 2000	Quarter end 2000
12/7	WThS	Business day in January 2000	Century rollover

CDC Testing Approach for Other Federal Reserve Applications

In addition to the test plans for the six major applications presented in the previous section, many other Federal Reserve applications also are available

for customer testing in 1998. The test approach for each is described below. In some cases, a detailed schedule will be provided at a later date. In other cases, testing can be arranged upon request.

Table 8 summarizes the test scheduling plans of each listed Federal Reserve application for 1998 testing.

Table 8
Other Federal Reserve Application Test Scheduling Plans

Name of Application	For More Information	Scheduling Information	Comments
ASAP	The help desk at the primary Regional Finance Center in Philadelphia, at (215) 516-8021, to set up test data	Detailed schedule will be published in CDC Bulletin No. 4; notify the ASAP hotline at (804) 697-8384 on the day you wish to test	Details on test plans and approach provided below
Billing	Local Reserve Bank customer support help desk	By arrangement; call at least two weeks in advance	To test receipt of Federal Reserve billing file for processing with your back-end interface
Cash Ordering	Local Reserve Bank customer support help desk	By arrangement	
Checks	Local Reserve Bank customer support help desk	Detailed schedules will be published in District CDC Supplements	Details on test plans and approach provided below
The Community Reinvestment Act (CRA) software	CRA Assistance line at (202) 872-7584 Email to "crahelp@frb.gov" CRA web site at www.ffiec.gov/cra	By arrangement; the Board of Governors will offer testing from August to November 1998; a similar test period will be offered in 1999	
Daylight Overdraft Reporting System (DORPS)	Local Reserve Bank customer support help desk	By arrangement; call at least two weeks in advance	To test receipt of DORPS file

Table 8 (continued)
Other Federal Reserve Application Test Scheduling Plans

Name of Application	For More Information	Scheduling Information	Comments
Electronic Tax Application (ETA)	Local Reserve Bank customer support help desk	Provided below	Details on test plans and approach provided below
The Home Mortgage Disclosure Act (HMDA) software	The HMDA Help Line at the Federal Reserve Bank of St. Louis at (314) 444-4600	By arrangement; member banks will be able to test beginning in Sept. or Oct. 1998	
Savings Bonds	The Reserve Bank office that processes your savings bond orders at the savings bond customer service number you routinely use: at Buffalo, Richmond, Pittsburgh, Minneapolis, or Kansas City	By arrangement; call at least one month in advance	Details on test plans and approach provided below
TAAPS	Local Reserve Bank customer support help desk	Detailed schedule will be published in CDC Bulletin No. 4	Details on test plans and approach provided below
TRAPS and Fedline Open Market (OM)	Ken Masselli of the Federal Reserve Bank of New York at (212) 720-5289	By arrangement; call at least two weeks in advance	Details on test plans and approach provided below
TT&L	Local Reserve Bank customer support help desk	Detailed schedules will be published in District CDC Supplements	Details on test plans and approach provided below

2000

The following sections provide details on 1998 CDC test plans and approach for some of the individual applications referenced in the previous table.

Automated Standard Application for Payments (ASAP)

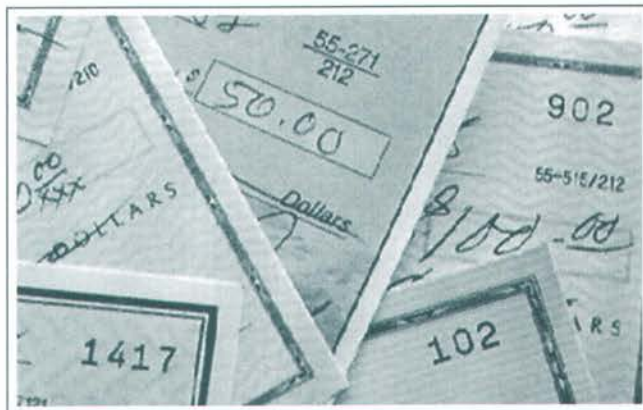
Institutions that initiate payments on behalf of Federal Grant recipients (structured Funds Transfer typecode 1031 wires) with internally-developed or vendor-provided software, may want to test their application interfaces with the Federal Reserve for CDC. As part of developing an internal test plan, we recommend that customers work directly with their vendors to obtain information on their products' compliance for the century rollover. It is your responsibility to ensure that your software will be CDC ready.

You will be able to test the century rollover and leap year 2000 scenarios. To accommodate CDC testing, the existing non-CDC test schedule will be changed. Non-CDC testing will be available all day Thursday (instead of Tuesday and Friday afternoons) and the other weekdays will be devoted to CDC testing.

Checks

For our check customers, each Federal Reserve Bank will provide environments to allow testing of future-dated electronic services, including but not limited to:

Electronic Cash Letter; Payor Bank Services; Image Services; and Adjustment Services. At a minimum, we will offer testing of the following date scenarios: the century rollover of December 31, 1999, through January 3, 2000; and leap year 2000 processing for February 28, through March 1, 2000. Each local Reserve Bank will work closely with its customers to accommodate testing needs; CDC testing will be offered at the local Federal Reserve Office level.



Each Reserve Bank's CDC District Supplement to this Bulletin will provide detailed information on customer testing, descriptions of the Reserve Bank's general testing approach, test date scenarios, test schedules and customer test guidelines.

Checks will support testing during the Shared Testing Days (see Table 3).

The Electronic Tax Application (ETA)⁷

Depository institutions who submit value or non-value same-day tax payments on behalf of their customers to the Federal Reserve's ETA send these payments through the Funds Transfer system or key-enter information directly into the Fedline Tax Deposit (TD) application. During 1998, ETA will support a test of century rollover and of leap year 2000 in both the third and fourth quarters.



The tests during the third quarter will be in concert with the Funds Transfer weekday schedule. ETA's weekday century rollover test of December 31, 1999, through January 3, 2000, will follow the Funds Transfer schedule on August 4 and 5, 1998. The leap year 2000 test of February 28, through March 1, 2000, will follow the Funds Transfer test schedule on July 29, 30, and 31, 1998. During fourth quarter, ETA will support testing during the Shared Testing Days (see Table 3).

On the days ETA offers testing, you can submit the test tax payments at any time during the hours of CDC test environment availability for Funds Transfer. You will receive an acknowledgment from Funds Transfer for your transaction(s), but no further notification will be provided from ETA unless there is a problem. If there is a problem, your transaction(s) will be returned to you from ETA. If you test with Fedline TD, you will receive an acknowledgment from ETA when your transactions are accepted. If there is a problem, your transaction(s) also will be returned to you.

It should be noted that during these tests ETA will not be monitoring time zone cut-offs.

Savings Bonds

Depository institutions which serve as savings bond agents and submit automated savings bond orders to the Federal Reserve may want to test their application interfaces for CDC. That is, if you use internally-developed or vendor-provided software to create the savings bonds files which you transmit via Fedline, diskette or Bulkdata, you may want to test with the Federal Reserve.

In developing your own internal test plan, we recommend that you work directly with your vendor to obtain information on its product compliance for the century rollover. It is each institution's responsibility to ensure that its vendors will be CDC ready.

Testing schedules will be managed on a case-by-case basis by each processing site. We recommend that test files be limited to fewer than 50 transactions.

⁷ Century Date Change Bulletin No. 1, dated August, 1997, indicated that the tax payment date on the screen in the Fedline TD application would be expanded to include four-digit years. Instead, Fedline TD has elected to remove the date on the screen, so that the transaction date will be the same as the Fedline system date.

The savings bond interface file format is not changing for CDC. CDC ready versions of savings bond software developed by the Federal Reserve to key-enter savings bond orders will be available prior to CDC testing in July. These software applications are PCRDS, PSBOS, and Fedline.

If you submit payroll saving bond orders, expect to receive additional information on CDC testing from your savings bond processing site early in 1998.

Treasury Auction Automated Processing System (TAAPS)

Beginning in July 1998, a future-dated test environment will be available for CDC testing of TAAPS. Testing will be offered during the first full work week of each month, Monday through Friday, from 10:00 A.M. ET to 5:00 P.M. ET. Test cases during the first week of the month will be for the century rollover, that is, the last business day of 1999 through the first week of 2000. Special case testing of other date scenarios, including leap year 2000 processing, will be supported the second full week of each month, also beginning in July.

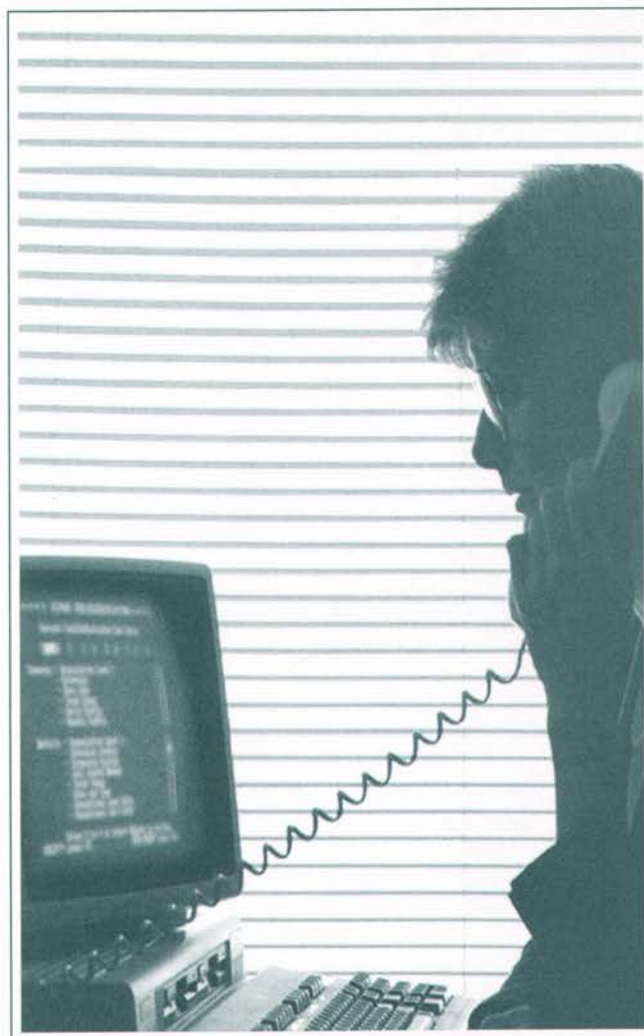
No CDC testing with TAAPS will be offered in weeks three and four of each month. TAAPS will support testing during the Shared Testing Days (see Table 3).

Trading Room Auction Processing System (TRAPS)

TRAPS testing will take place in a future-dated environment and can include several days before and after January 1, 2000. Testing with TRAPS can be arranged on request. TRAPS will support testing during the Shared Testing Days (see Table 3).

Treasury Tax and Loan (TT&L)

TT&L will provide customers multiple opportunities to test century rollover and leap year 2000 processing in a future-dated environment. The century rollover scenario will test future dates of December 31, 1999, through January 3, 2000. The leap year scenario will test future dates of February 28, 2000, through March 2, 2000.



In 1998, each local Reserve Bank will offer at least three separate occasions to test the century rollover and leap year processing in the future-dated test environments, each over a two-week period during local regular business hours (at a minimum). TT&L will support testing during the Shared Testing Days (see Table 3).

CDC testing will support regular customer functionality. At a minimum, you will be able to enter Advices of Credit and make two inquiries: the Account Status Report and the Account Activity Report. Federal Reserve-initiated output reports also will be available.

For More Information

Your local Reserve Bank will send you a District Supplement to this Bulletin early in second quarter 1998. The District Supplement will provide test schedules for local Reserve Bank applications, with details on how to arrange to test with electronic Checks Services, TT&L, and other district unique applications. It also will identify specific dates when these applications may be available for testing on Shared Testing Days.

Century Date Change Bulletin No. 1, published August 1, 1997, provides information on plans for CDC readiness for Fedline and Bulkdata software, and for the Computer Interface Protocol Specifications (CIPS). **Century Date Change Bulletin No. 2**, published October 6, 1997, presented the Federal Reserve's general strategy for CDC customer testing.

We will continue to supply you with details related to CDC customer testing in future Bulletins. The next **Century Date Change Bulletin No. 4** will be published prior to the beginning of CDC testing in July. This Bulletin will provide:

- details on working with the local Reserve Bank

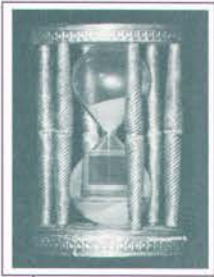
customer support help desk staff, business support staff, and CDC test coordinators;

- detailed instructions on how to set up your Fedline terminal or computer interface connection and how to connect to the CDC test environments;
- other special preparatory procedures you should take prior to testing to protect your test environment and data;
- details on how to participate in a Shared Testing Days integrated test with the Federal Reserve's accounting application;
- detailed test guidelines for Funds Transfer, NBES, ABMS, Statistical Reporting and Reserves Processing, and TAAPS;
- Detailed test schedules for ASAP and TAAPS.

The Federal Reserve's plans for supporting testing in 1999 will be published in a future **Century Date Change Bulletin**, scheduled for publication at the beginning of fourth quarter, 1998.

If you have specific questions about application test plans and schedules, please call your local Reserve Bank customer support help desk or Business Development representative. You can also find more information on the Federal Reserve's CDC plans at:

<http://www.frbsf.org/fiservices/cdc/>



Century Date Change BULLETIN

Federal Reserve

Please route this information to:

District Supplement

March 1998

Eleventh District Supplement to Century Date Change Bulletin No. 3

1998 Customer Testing for Century Date Change

This District supplement is an addendum to **Century Date Change Bulletin No. 3**, published by the Federal Reserve in March 1998. **Bulletin No. 3** presents the 1998 plans for supporting customer testing for century date change (CDC) readiness of automated interfaces with the Federal Reserve for centrally supported applications.¹ This supplement presents the 1998 plans for CDC customer testing with applications supported by the Eleventh District. Please read **Bulletin No. 3** in conjunction with your review of this supplement. The complete text of the bulletin can be found on the Federal Reserve Web site at

www.frbsf.org/fiservices/cdc/bulletins.html

You may request a printed copy by calling Sarah Jennings in our Public Affairs Department at **800-333-4460, ext. 5259**.

What Is in This Supplement

This supplement presents:

- Details on this District's CDC test support and contacts.
- Detailed information on this District's test environment availability, test guidelines, and the individual 1998 application schedules for CDC testing and participation in Shared Testing Days² for:
 - Checks—Payor Bank Services, Imaging, and Check Advices

- Checks—Direct Send Cash Letters
- Checks—Return or Retrievals Request System (RORR)
- Checks—Adjustments
- Treasury Tax & Loan (TT&L)
- Sources for more information on the Federal Reserve's national plans and strategies and this District's own plans and strategies for CDC customer testing.

CDC Test Support

Customers can direct questions about CDC testing to their local Federal Reserve Help Desk. The Help Desk can answer questions regarding test support and schedules, schedule test dates, and arrange for special tests. They will also assist with Fedline^{®3} software setup and/or connectivity and help resolve problems.

Customers desiring specific test-cycle dates or other scenarios should discuss these requests with their local Help Desk at least two weeks before the testing date.

For assistance, contact your local Federal Reserve Help Desk:

Dallas	800-333-1672
El Paso	800-333-1672
Houston	800-392-4162, ext. 111
San Antonio	800-292-5810

¹ Bulletin No. 3 includes detailed plans for the Funds Transfer System, the National Book-Entry System (NBES), the Account Balance Monitoring System (ABMS), Fed ACH, the Integrated Accounting System (IAS), Statistical Reporting and Reserves Processing, and general plans for other applications and services.

² Shared Testing Days will offer the customers the opportunity to test century rollover or leap year 2000 with multiple Federal Reserve applications on the same weekend and to participate in an integrated test of major Federal Reserve payments applications with the accounting application. See Century Date Change Bulletin No. 3 for complete information on Shared Testing Days.

³ "Fedline" is a registered trademark of the Federal Reserve Banks.

Detailed District Test Plans

Checks and TT&L will participate in Shared Testing Days with other major Federal Reserve applications, as described in **Bulletin No. 3**. Table 1 details our Eleventh District plans.

Table 1
Eleventh District Application Plans for Participation in Shared Testing Days

Name of Application	Century Rollover	Leap Year 2000
Checks—Payor Bank Services, Imaging, and Check Advices	Yes	Yes
Checks—Direct Send Cash Letters	Yes	Yes
Checks—Return or Retrievals Request System (RORR)	Yes	Yes
Checks—Adjustments	Yes	Yes
Treasury Tax & Loan (TT&L)	Yes	Yes
Cash Ordering (ACCENT)	No	No

Direct Sends, RORR, Check Services (Payor Bank, Imaging, and Check Advices)

Future-date testing for these services will be conducted in a date-simulated environment.

Future-Date Test Cycles

Century rollover and leap year 2000 testing will be available for these services.

Test Environment Availability

The Eleventh District will offer several opportunities for testing future dates for these services. We will offer four opportunities for testing January 3, 2000, and one opportunity for testing December 31, 1999; February 28, 2000; February 29, 2000; and March 1, 2000.

Test Guidelines

Customers that use back-end processing for Payor Bank Services, MICR files, Imaging, or Check Advices will

want to test on one or more of the CDC testing dates to ensure their back-end systems will process these future-dated files correctly.

Customers must schedule testing two weeks before they wish to test. Customers planning to test on Saturday, November 21, should also indicate if they wish to receive an IAS statement or a recon file as part of the test.

Customers using Fedline to receive reports will access the CDC test environment via the **test mode** of Fedline.

Schedule

Table 2 lists the Shared Testing Days for Direct Sends, RORR, and Check Services.

Table 2
Shared Testing Days for Direct Sends, RORR, and Check Services

1998 Test Date	Test Day	Future Date	Test Time (ET)	Date Scenario
9/19	Saturday	1/3/2000	9:30 a.m.-3 p.m.	Century Rollover
10/9	Friday	2/28/2000	9:30 a.m.-6 p.m.	Leap Year 2000
10/10	Saturday	2/29/2000	9:30 a.m.-6 p.m.	Leap Year 2000
10/11	Sunday	3/1/2000	9:30 a.m.-3 p.m.	Leap Year 2000
10/17	Saturday	1/3/2000	9:30 a.m.-3 p.m.	Century Rollover
11/20	Friday	12/31/1999	9:30 a.m.-6 p.m.	Century Rollover
11/21	Saturday	1/3/2000	9:30 a.m.-3 p.m.	Century Rollover
12/12	Saturday	1/3/2000	9:30 a.m.-3 p.m.	Century Rollover

Check Adjustments

Future-date testing for check adjustments will be performed in a date-simulated environment.

Future-Date Test Cycles

Century rollover and leap year 2000 testing will be available for check adjustments.

Test Environment Availability

The Eleventh District will offer one opportunity for testing December 31, 1999; January 3, 2000; February 28, 2000; February 29, 2000; and March 1, 2000.

Test Guidelines

Customers that use front-end processing and import their check adjustments data to their Fedline terminal

will want to test on one or more of the CDC testing dates to ensure their front-end systems produce files with future dates compatible with Fedline input. Customers must schedule testing two weeks before they wish to test. Customers planning to test on Saturday, November 21, should also indicate if they wish to receive an IAS statement or a recon file as part of the test.

Customers will access the CDC test environment via the **test mode** of Fedline.

Customers will send regular check adjustments messages using the CDC test dates.

Schedule

Table 3 lists the Shared Testing Days for Check Adjustments.

Table 3
Shared Testing Days for Check Adjustments

1998 Test Date	Test Day	Future Date	Test Time (ET)	Date Scenario
10/9	Friday	2/28/2000	9:30 a.m.-6 p.m.	Leap Year 2000
10/10	Saturday	2/29/2000	9:30 a.m.-6 p.m.	Leap Year 2000
10/11	Sunday	3/1/2000	9:30 a.m.-3 p.m.	Leap Year 2000
10/17	Saturday	12/31/1999	9:30 a.m.-3 p.m.	Century Rollover
11/21	Saturday	1/3/2000	9:30 a.m.-3 p.m.	Century Rollover

Treasury Tax & Loan

Future-Date Test Cycles

The Eleventh District will offer customers the opportunity to test with the century rollover and leap year 2000 scenarios. In addition, customers will have the opportunity to test for March 2, 2000.

Test Environment Availability

The Eleventh District will offer opportunities for customer testing of TT&L on five of the Shared Testing Days and on specific weekdays during three two-week periods in 1998.

Test Guidelines

Customers must schedule testing at least two days before they wish to test. Customers planning to test on September 19, October 17, November 21, or December 12—all Saturdays—should also indicate if

they wish to receive an IAS statement or a recon file as part of the test.

Customers will access the CDC test environment via the **test mode** of Fedline or Bulkdata. Voice response (FASTAX) customers will be provided a “test” telephone number upon request.

Customers will be able to enter Advices of Credit and make inquiries to produce Account Status Reports and Account Activity Reports. In addition, the regular Federal Reserve-initiated outputs from TT&L will be produced and sent to customers participating in Shared Testing Days. Weekday tests will be for sending data and receiving acknowledgments only. Test scripts will be provided to participants upon request.

Schedule

Table 4 gives the TT&L weekday test schedule. Table 5 gives the TT&L Shared Testing Days schedule.

Table 4
Treasury Tax & Loan Weekday Test Schedule

1998 Test Date	Test Day	Future Date	Test Time (ET)	Date Scenario
7/21	Tuesday	12/31/1999	9 a.m.–5 p.m.	Century Rollover
7/23	Thursday	1/3/2000	9 a.m.–5 p.m.	Century Rollover
7/28	Tuesday	12/31/1999	9 a.m.–5 p.m.	Century Rollover
7/30	Thursday	1/3/2000	9 a.m.–5 p.m.	Century Rollover
8/11	Tuesday	12/31/1999	9 a.m.–5 p.m.	Century Rollover
8/13	Thursday	1/3/2000	9 a.m.–5 p.m.	Century Rollover
8/18	Tuesday	2/28/2000	9 a.m.–5 p.m.	Leap Year 2000
8/19	Wednesday	2/29/2000	9 a.m.–5 p.m.	Leap Year 2000
8/20	Thursday	3/1/2000	9 a.m.–5 p.m.	Leap Year 2000
8/21	Friday	3/2/2000	9 a.m.–5 p.m.	Leap Year 2000
9/23	Wednesday	2/29/2000	9 a.m.–5 p.m.	Leap Year 2000
9/24	Thursday	3/1/2000	9 a.m.–5 p.m.	Leap Year 2000
9/25	Friday	3/2/2000	9 a.m.–5 p.m.	Leap Year 2000
9/29	Tuesday	12/31/1999	9 a.m.–5 p.m.	Century Rollover
10/1	Thursday	1/3/2000	9 a.m.–5 p.m.	Century Rollover

Table 5
Shared Testing Days for Treasury Tax & Loan

1998 Test Date	Test Day	Future Date	Test Time (ET)	Date Scenario
9/18	Friday	12/31/1999	9 a.m.-9 p.m.	Century Rollover
9/19	Saturday	1/3/2000	9 a.m.-3 p.m.	Century Rollover
10/16	Friday	12/31/1999	9 a.m.-9 p.m.	Century Rollover
10/17	Saturday	1/3/2000	9 a.m.-3 p.m.	Century Rollover
11/13	Friday	2/28/2000	9 a.m.-9 p.m.	Leap Year 2000
11/14	Saturday	2/29/2000	9 a.m.-3 p.m.	Leap Year 2000
11/20	Friday	12/31/1999	9 a.m.-9 p.m.	Century Rollover
11/21	Saturday	1/3/2000	9 a.m.-3 p.m.	Century Rollover
12/11	Friday	12/31/1999	9 a.m.-9 p.m.	Century Rollover
12/12	Saturday	1/3/2000	9 a.m.-3 p.m.	Century Rollover

For More Information

Century Date Change Bulletin No. 1, published August 1, 1997, provides information on plans for CDC compliance for Fedline and Bulkdata software and on CDC-related changes to the Computer Interface Protocol Specifications (CIPS). **Bulletin No. 2**, published October 6, 1997, explains the Federal Reserve's general strategy for CDC customer testing. **Bulletin No. 3** presents the Federal Reserve's plans for supporting CDC customer testing.

The Federal Reserve will continue to supply you with details related to CDC customer testing in future

Bulletins. **Bulletin No. 4** will be published before CDC testing begins in July. The Federal Reserve's plans for supporting testing in 1999 will be presented in a Bulletin to be published at the beginning of the fourth quarter of this year.

If you have specific questions about application test plans and schedules, please call your local Help Desk. You can find copies of all the Bulletins, as well as other information on the Federal Reserve's CDC plans, at www.frbsf.org/fiservices/cdc.

*Federal Reserve Bank of Dallas
2200 North Pearl Street
Dallas, Texas 75201
(214) 922-6000
www.dallasfed.org*

Century Date Change Survey

The Federal Reserve Bank of Dallas is considering holding free, half-day seminars on issues related to the century date change, or Year 2000, project. **Please complete the following survey and return it by Friday, April 17, to Sarah Jennings at 2200 N. Pearl St., Dallas, Texas 75201 or by fax: 214-922-5268.**

I would like the following issues addressed at a Fed CDC seminar:

- | | |
|---|---|
| <input type="checkbox"/> CDC testing | <input type="checkbox"/> Vendor compliance |
| <input type="checkbox"/> Fedline interfaces | <input type="checkbox"/> CDC regulatory issues |
| <input type="checkbox"/> Computer interface testing | <input type="checkbox"/> Panel of regulators (FRB/OCC/FDIC) |
| <input type="checkbox"/> Fed CDC strategy | <input type="checkbox"/> FFIEC policy statements |
| <input type="checkbox"/> CDC contingency planning | <input type="checkbox"/> Implications of December 31, 1999, failure |

At which of the following locations would you most likely attend if Fed CDC seminars are held?

- | | | | |
|--|-------------------------------------|---|-------------------------------------|
| <input type="checkbox"/> Abilene | <input type="checkbox"/> Dallas | <input type="checkbox"/> Lubbock | <input type="checkbox"/> Shreveport |
| <input type="checkbox"/> Austin | <input type="checkbox"/> El Paso | <input type="checkbox"/> Midland-Odessa | <input type="checkbox"/> Tyler |
| <input type="checkbox"/> Beaumont | <input type="checkbox"/> Harlingen | <input type="checkbox"/> Nacogdoches | <input type="checkbox"/> Victoria |
| <input type="checkbox"/> College Station | <input type="checkbox"/> Houston | <input type="checkbox"/> Roswell | <input type="checkbox"/> Waco |
| <input type="checkbox"/> Corpus Christi | <input type="checkbox"/> Las Cruces | <input type="checkbox"/> San Antonio | |

Other convenient location(s) _____

If the Dallas Fed offered a seminar on a Saturday, would you or a representative attend?

- Yes No

Complete the following contact information (please print):

Your name and title _____

Financial institution _____ ABA number _____

Address _____

Phone _____ Fax _____

Your institution's primary contact for CDC testing coordination _____

Phone _____ Fax _____