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AUTOBANK® 3.2.6
Release Document

Preface

This document contains technical and user-oriented information to support AUTOBANK® Release 3.2.6. It is addressed to data center personnel responsible for implementing and running the software in a live environment, and to customers who need information about new enhancements.

SPECIAL NOTE **Before implementing Release 3.2.6, your software must be current with the AB Message specified in the Release Letter.**

How to Use This Manual

The release information is organized as follows:

Section	Title	Contents
Chap. 1	Release Considerations	Special circumstances to consider prior to installing the release.
Chap. 2	Installation	Installation information for all major AUTOBANK® components.
Chap. 3	Accessing the Software	Identifies software locations.
Chap. 4	Software Patches	Lists software patches.
Chap. 5	Features	Overview of each release feature.
Chap. 6	Wizard Modifications	Detailed overview of Wizard enhancements and fixes.
Appx. A	Y2K TARs	Identifies Y2K implications for all AUTOBANK® software.

Related 3.2.6 Documentation

In addition to the documentation included in this release manual, you may also access these supporting information products from the following location:

aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\Release 3.2.6 documentation\Tech-Pub

Note: Some of these manuals may not be immediately available at release time.

Document Title	File Name	Type	Contents
ABE Files Book	abe_files_book.pdf	.PDF	File layouts and field definitions for all the ABE system files.
ABE Reports Book	abe_reports_book.pdf	.PDF	Layouts and field descriptions for all the ABE system reports.
AUTOBANK® User Security Desktop User Guide	user_security_book.pdf	.PDF	Instructions for maintaining AUTOBANK® login security.
Wizard Installation Guide	wizard_install.pdf	.PDF	Instructions for installing the Wizard Desktop applications.
Wizard Getting Started Guide	wizard_getting_started.pdf	.PDF	An introduction to the capabilities of the AUTOBANK® Wizard Desktop.
Wizard Online Help	wizard_help.chm	.CHM	Instructions for using the templates and settings within the Wizard Desktop application. This document is installed during the Wizard installation process.
Computer Operations	autobank_computer_operations.pdf	.PDF	Instructions for running the AUTOBANK® Engine (ABE).

NOTE: To view **.PDF** (Portable Data Format) files, you must use the ADOBE PDF viewer, available free from www.adobe.com. To view **.CHM** files, you must use Internet Explorer 4.0 or above, also available free from www.microsoft.com.

Neither .PDF nor .CHM files are viewable through Microsoft Word.

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Chapter 1

Release Considerations

Server Considerations

Option File Settings

The option files provided with Release 3.2.6 contain the same settings distributed with Release 3.2.5, except for the following:

- abetrnin.opt
- abetrnin_fic.opt
- achrcap.opt
- bank.opt
- input_ancl.opt
- input_fic.opt
- tranpost.opt

If any production `.opt` files changed since Release 3.2.5, be sure to use the current production settings.

Database Job Termination

Before applying database patches for this release, be sure to terminate WATCHER and any other DBA jobs.

RFCs 111431 and 111433

After Release 3.2.6 is installed, the features in RFC 111431 (Unknown Branch G/L Modification) and RFC 111433 (Unposted Transaction Report Modifications) will automatically be in effect. To become familiar with these enhancements prior to implementing Release 3.2.6, refer to the Features write-ups found in Chapter 5.

NOTE: Currently, the Unknown application is defaulting to the debit category and unknown nondollar transactions are not being separated into deposits and loans. Also, following the printed loan application detail, a set of misplaced grand totals print before the Loan application totals. **TAR 121364** has been opened to resolve all these issues in an upcoming release.

TAR 114634

Release 3.2.6 CANNOT be implemented when any of the "DATE NEXT WITHHOLDING" dates in Header 01 will occur on the next processing date, or on any of the non-processing dates following the next processing date.

Example: If the next processing date is Friday, Saturday and Sunday are non-processing days, and Monday is the subsequent processing date, Release 3.2.6 should be implemented prior to the daily maintenance run on Thursday if withholding is to occur on Friday, Saturday, or Sunday.

Rules and Validations (TAR 117143)

If all considerations identified in AB-0101 have not yet been corrected, apply `ab_validate.pkb` (v04.04.003) to the database after installing Release 3.2.6 but before going online. This will restore the logic that was in place prior to Release 3.2.4 and will allow new accounts to upload.

TAR 118837

Because G/L offsetting transactions were occasionally double posting, the `sortfile` parameter in the `input_ancl.opt` file was changed to "`sortfile=n`" for Release 3.2.6. Therefore, this parameter must be used in production.

Client Considerations

Screen Resolution

The Windows screen resolution must be set to 800 x 600 for the AUTOBANK® desktops.

NBA Platform (TAR 119645)

1. Currently, the NBA Platform's verify function is comparing DLLs and VBXs in the `Windows\System` directory. Because the combo install process places these files in the `\bin` directory, the verify utility does not report accurately.

2. If you create an icon to execute any NBA executable, make sure the icon's **Start in** directory attribute points to the `\bin` directory.

Delivery Desktop

The Delivery desktop is released as a `delsetup.exe` file. For installation instructions, refer to **Delivery Desktop Installation** found in Chapter 2, *Installation Procedures.*

Wizard Desktop

1. Using the AUTOBANK® Security Desktop, you must establish the user with the role of **Wizard Supervisor**.

   For instructions on this process, refer to the *AUTOBANK® User Security Desktop User Guide* provided with this release.

2. Prior to using the Wizard with Release 3.2.6, Oracle objects for OLE must be installed on the Wizard client.

   The Wizard client's ORACLE configuration **must** include the Oracle Objects for OLE v.2.3.0.2.0. The objects are included in the ORACLE Client standard installation.

   - If you do not have Oracle 8.05 installed, you should install **only** the Oracle objects for OLE — not the complete Oracle installation.
   - If you have Oracle 8.05 installed without the Oracle objects for OLE, use the **Oracle Installer** to install them.

3. The database group's grants directory must include the `AB_WIZARD_GRANTS.sql` grants script. The call to run the script must also be added to the appropriate run script.

Chapter 2

Installation Procedures

Introduction

SPECIAL NOTE **Before implementing Release 3.2.6, your software must be current with the AB Message specified in the Release Letter.**

This chapter provides installation instructions and release considerations for the following software:

- NBA (Platform, Bank Tailoring, and Teller for AUTOBANK®)
- AUTOBANK® Wizard
- AUTOBANK® Engine (ABE)
- Delivery Database
- Delivery Desktop

Database/Desktop Considerations

In order for some AUTOBANK® desktop applications to function properly, you may need an updated version of the COMCTL32.DLL system file.

- If you have Internet Explorer 4.0 or above installed on your system, you should already have the file.
- If you have an earlier version of Internet Explorer, you may need to download the 401COMUPD.EXE file (available from Microsoft's FTP site) and install it.

NBA 3.2.6 Combo Install

Combo Install Procedures

This is a universal installation setup program from which all NBA applications can be installed.

The folder relating to your specific installation should be copied to the network server. Click on Start/Run and enter the path to the folder followed by \setup.exe to execute the installation process.

The Setup Screen will appear as tabs. The Host Selection tab prompts the installer to select the Host tab for the appropriate applications to be installed. These Host "Tabs" are labeled AUTOBANK®, BancTec, Starcom, and Offline (sanitized software with no host interface code applied to it). Only the options available to the particular host will be displayed on the tab form. Some will appear dimmed according to which PCVenue is chosen or an application that is not yet available.

PC VENUE: Select "Client" to install the software to a local workstation PC. The "Server" option will install the databases, branch files etc., distribution list, and if OPS is installed, client folders will reside here. No executables are installed at the server level.

INSTALLATION TYPE: Full will check all applicable check boxes and Custom will uncheck the boxes. These options serve no other function.

PLATFORM FORMS VENDOR: If platform products are being installed, this section will be enabled and requires a selection be made before installation will begin. This information is needed to make appropriate changes to the Enc4win.ini and Efwfiles.lst files. For example, if CFI Compliance is chosen, the distribution list parameters will be entered in Efwfiles.lst, and in the Enc4win.ini file, the Form Application parameter will be set to CFIDOCS.EXE. In addition, if CFI Compliance is chosen, the text box next to this option will be enabled. This contains the version of Compliant Forms to be written to the Efwfiles.lst and subsequently installed, and may be edited if installing a different version.

NOTE: Installation of CFI Platform programs, compliant forms, and related files must be done as a separate step after the server and client installs have been completed. The disk images and

documentation for performing this task are located on Susbstnu01 at the location `..\PERM\AUTOBANK-NBA\CFI COMPLIANCE`. The current and previous versions are located here. For all new installations copy the disk image folders underneath the `..server\updates\` directory as sub-folders. Installation will occur as each workstation executes platform for the first time.

VBX's and DLL's will install to the `\BIN` folder directory off the local base directory. This gives our products complete control over the libraries and custom controls used without version conflicts that could result by installing to the `\WINDOWS\SYSTEM` directory. This also eliminates problems with de-installations. The exception to this are the PDBJET, PDCTJET, and PDIRJET.DLL's that must install to \Windows\System.

Two warning check boxes are located below the application frames, that if left checked, will alert you that a directory or file already exists on the destination. Your options are 'Abort' - exits the program, 'Retry' , or 'Ignore' - overwrites the existing file if its a newer version you are trying to copy. A text file called COPYFAIL.TXT will be created in the \Windows directory which lists all files that failed to install due to versions being the same or a newer version already resides there.

SOURCE DRIVE and DIR-PATH: Select the source drive and path (the network path from which you ran setup). The source and path selected will appear in the Source Path label box. The default destination directory paths may be changed, and whatever is chosen will be the paths written to the Enc4win.ini, Abe4win.ini, and Banktail.ini. The last path entered will be saved to the source install folder (AUTOBANK®, Starcom, etc.) and the next time Combo Install is run for that host, these paths will automatically plug in to the destination paths. If the paths do not update, check the properties on the file and uncheck the **Read Only** box.

When installing the AUTOBANK® product and choose to install the Borland pieces, they will be copied to a \Borland folder directly off the root. Message boxes will alert you that you will have to run separate 'Setup' executions for each piece to install them. This procedure also applies to the Win796 option for Starcom.

OAIS installations require an ordered procedure, that is, you **MUST** install the server software before installing the clients. This is required because the HOSTS file and Pd_oais.ini file for the Oais Server must be established first at a common location and then built upon as each client is installed.

To install Oais print serving, install the Server option **first** and be sure the 'OPS INI Files' checkbox is checked. As the installation progresses, the 'PD_OAIS and API.INI Configuration' screen will appear. The top section allows you to set up your specific configuration, which will build upon specific naming conventions. For example if you select branch# as '99,' OPS server# as '88,' and printer type as 'NCR5223,' your workstation names will be 'TLR9901', TLR9902', etc. Your Oais_Host name will be 'OPS9988'. Your OPS_Names will be 'NCR522301', NCR522302', etc.

The number of clients entered must be only the number of clients that will be using Oais (exclusive of the Oais Server) since all clients must be either assigned to a print-serving client or have a physical printer attached to it. If you discover you're going to come up short, new OPS Clients are easily added later. The number of OPS printers is the actual number of physical printer devices. Although Oais allows 20 devices to be assigned to a single Ops Server, it is recommended that no more than 7 be used. The Oais IP Address is the IPA of the Oais Server — not a Client.

After making all selections and entries, click the 'CONT' button and the listboxes below will fill with Client Names and Physical Printer Names. Here, you will designate which Clients will have a print device physically attached to them. Simply highlight a Client and a Printer, and click on the 'Attach Physical' button and the new attachment will appear alongside the Client Name. To remove an attachment, highlight the Client Name and click the "Remove Physical' button. After all printers have been attached, the "Physical Done' button will be enabled. You will notice that the 'CONT' button's caption has changed to 'RESET'. This allows you to redo your configuration before clicking the "Physical Done" button, by making new selections and upon clicking 'RESET,' the listboxes will be rebuilt with the new configuration.

Click the 'Physical Done' button and the Pd_Oais.ini file will be created underneath the \SERVERBASE\OPSUSERS\ subdirectory & Pd_Api.ini files will be created underneath the \SERVERBASE\OPSUSERS\TLRbbnn\ subdirectories. There will be a Tlrbbnn subdirectory for each client in the configuration. The screen will then change to allow the logical printer assignments. This is where you will assign the Clients with no physical printer attached, to a printer they will use for printing. Highlight a Client and a Logical printer and click the 'Assign Logical' button. After all Clients have an assignment, the 'Logical Done' button will be enabled and upon clicking the 'Logical Done' button, data will fill the OPS.MDB that gets installed underneath

the\SERVERBASE\OPSUSERS\ subdirectory. Also, here is where the HOSTS & SERVICES files for the Oais Server PC are kept.

Now begin the client installation. Towards the end of the install process and if the OPS checkbox has been checked, the "Install Pre-Configured Client" window will pop up. The dropdown listbox will contain all clients created in your configuration. Select the client you wish to install from the dropdown list. The Host Name, Printer Type, Printer Port, and Printer Assignment will all appear as labels and cannot be changed since they were predefined. The only entry to be made here is this Client's IP Address. This will be added to the HOSTS file on the NBA Server underneath \SERVERBASE\OPSUSERS\ as well as the HOSTS file in the client's local \WINDOWS directory. The client installs will automatically make backups of the HOSTS & SERVICES files with a .BAK extension with one exception. If a HOSTS file does not exist, the program will first look for a HOSTS.SAM file. If it finds one, it will create a HOSTS file from it, and then there would be no HOSTS.BAK. If neither of the HOSTS or SERVICES files are found, a new one will be created and contain only the OPS information supplied to it. An assumption is made here that the TCP/IP protocol has previously been set up on all workstations which creates these HOSTS & SERVICES files. Also, the Share.exe, OPS path & Set statements will be added to Autoexec.bat. An Oais Printer shortcut will be created and the executable added to the Startup Programs Group, but, at this time will require manually editing in the command line the "Cn,9600,N,8,1,x,910n,y". Finally, the Pd_Api.ini for the client being installed will be automatically copied from the server's \SERVERBASE\OPSUSERS\TLRbbnn directory to the local \OPS\CONFIG directory. One thing to note here is that the Log/Trace paths in the Pd_api.ini's will all be the drive letter used for the client install.

As your client installations progress, you will notice that the dropdown listbox will only contain those clients that have not been installed. This is tracked by flags in the "OPSClients" table of OPS.MDB to prevent duplicate entries in the HOSTS files, and spare you the burden of remembering who has and who hasn't been installed. You may use Access to reset the "AddedTo.." fields of this table to "No", if a reinstall becomes necessary.

After all clients have been installed, copy from the \SERVERBASE\OPSUSERS\ directory, the HOSTS & SERVICES files, to the OPS Server's PC \Windows directory (make backups first). Also copy the Pd_Oais.ini file to the \OPS\CONFIG directory of the OPS Server PC. Be certain that all files and client

folders residing underneath \SERVERBASE\OPSUSERS\ are never deleted, because when future OPS workstations are added to the network, the program needs to read the OPS.MDB to determine what the next user id number will be and also the HOSTS file will be built upon. It is HIGHLY RECOMMENDED that after the initial install is complete, and also every time a new user is added, that the ..\OPSUSERS directory structure be backed up to enable recovery if needed. This will easily fit on a floppy diskette.

Please direct any questions, problems, suggestions to Denny Hodge at (937) 445-2132, voice plus 8-622-2132, or fax (937) 445-7011.

Adding A New Ops Client Workstation To Oasis

Occasionally, a new workstation will be added to the network that will need to print through the Oais Server. This will be accomplished when the Client installation is done, simply make sure the OPS Programs checkbox is checked. You must also be pathed properly to the server and client base paths.

The "Add New OPS User" window appears:

Client Name - New client name built automatically and cannot be changed.

OPS Server Name - OPS name assigned for this branch and cannot be changed.

Printer Type - appears as a dropdown box from which to make your selection. This will be the hardware type you will be sharing or is being attached to this PC.

Printer Port - appears as a dropdown box from which to make your selection. This will be the printer port the printer is plugged into (9101 = COM1, 9102 = COM2).

Physical Printer Attached - asks whether or not this new Client will have a physical printer attached to it or not.

Printer Assignment - This is the printer name this client will be assigned to use. With the "Yes" option above, the Printer Name be will automatically defined and placed in a label box and cannot be changed. The "No" option will produce a drop-down list of physical printers from which to choose.

Client IPAddress - needed by TCP/IP for printer communications and supplied by NCR.

After all new client(s) have been installed, one of the following options must be manually performed via either mapped sharing or a floppy diskette, to complete the install process:

1. If any new client installed will share a printer with a previously established client (no new hardware is being added to the configuration), you must copy the HOSTS file from the `\SERVERBASE*\OPSUSERS\` directory to the `\WINDOWS` directory of the OPS Server PC (make backups first).

    Or

2. If any new client installed will have a new physical printer attached to it you must copy the HOSTS file from the `\SERVERBASE*\OPSUSERS\` directory to the `\WINDOWS` directory of the OPS Server (make backups first), and you must also copy the PD_OAIS.INI file from the `\SERVERBASE*\OPSUSERS\` directory to the `\OPS\CONFIG\` directory of the OPS Server PC (make backups first).

With both options above the HOSTS file and PD_OAIS.INI file must never be deleted from the `\SERVERBASE*\OPSUSERS\` directory. They are to be used over and over again whenever a new OPS client is added to the system and just copied over to the OPS Server.

CRITICAL: As a final step, backup the new changes by copying the `\OPSUSERS` folder and all files and sub-folders underneath it to a floppy diskette in case recovery is needed.

Note: SERVERBASE is not the actual directory name, you must supply the correct path to the NBA Server Base directory.

Installing the Laser Check Print Program

The install program for the Laser Check Print Program is contained on three disk-images in the following directory:

```
aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\nba\laser_check\install Disks
```

Copy each of these disk images to a floppy diskette. Then perform the following steps to install the program:

1. Place Disk 1 into the drive.

2. Using Explorer, access the drive.

3. Execute **SETUP.EXE** to begin the install process.

4. The LaserCheck setup screen displays. Click **OK** to continue. Another screen displays requesting the destination directory.

5. Specify the destination directory.

    – For NBA, the destination should be the base directory where the NBA software has been installed on this workstation.

    – The default directory is **C:\NBA4WIN**.

6. Click **Begin the installation**.

7. Insert the next disk when instructed to do so.

NBA Platform Update Install (3.2.6.x)

For the exact version of the software, refer to the Bill of Materials.

CONSIDERATIONS

- This install process assumes your AUTOBANK® software is current with Release 3.2.5.

- In order for this release to function correctly, operations must execute the **AB_PlatformGrants.SQL** script.

- This version of NBA Platform works with either the 2.X or 3.X versions of the Delivery database. Therefore:

  - In the ENC4WIN.INI file (located in the Windows directory), make sure that the **DeliveryVersion** parameter accurately reflects the version of the Delivery database being used. For example:

```
DeliveryVersion=030206     ' version of delivery db, must be in AABBCC fmt ie 3.2.3 -> 030203
```

New Platform Customer

If you are installing a new NBA Platform customer into an AUTOBANK® host, use the NBA Combo Install instructions found earlier in this chapter.

Upgrading Existing Customers

1. Copy the ENC4WIN.EXE program to the `\server\updates` directory.

2. Add to the EFWFILES.LST file (already located in the `\server\updates` directory) an entry for the ENC4WIN.EXE program so that the new executable gets downloaded to the client workstations. A sample input format follows.

```
X:\NBA\SERVER\UPDATES\FILENAME.EXT,C:\NBA\PLAT-LOC\FILENAME.EXT, MM\DD\YYYY,Z
   .           .             .             .             .
   .           .             .             .             .
   .           .             .             .             .

END$
```

Where:

nba\server\updates\filename.ext =	Source directory and file name.
nba\plat-loc\filename.ext =	Destination directory and file name.
mm\dd\yyyy =	Date when copy is to occur.
Z =	Enter **F** to force copy (overrides date entry).
	Enter **X** to specify no force copy.
END$ =	Must be the last line in the file.

NBA Bank Tailoring Update Install (3.2.6.x)

For the exact version of the software, refer to the Bill of Materials.

CONSIDERATIONS

- These instructions assume your AUTOBANK® software is current with Release 3.2.5.

- In the BANKTAIL.INI file (located in the Windows directory), make sure that the **DeliveryVersion** entry under the [AUTOBANK] section accurately reflects the version of the Delivery database being used. For example:

```
[AUTOBANK]
DeliveryVersion=030206      ' version of delivery db, must be in AABBCC fmt ie 3.2.3 -> 030203
```

New Bank Tailoring Customer

If you are installing a new NBA Bank Tailoring customer into an AUTOBANK® host, use the NBA Combo Install instructions found earlier in this chapter.

Upgrading Existing Customers

1. Copy the `BANKTAIL.EXE` program to the `\server\updates` directory.

2. Add to the `EFWFILES.LST` file (already located in the `\server\updates` directory) an entry for the `BANKTAIL.EXE` program so that the new executable gets downloaded to the client workstations.

   Note: The new `BANKTAIL.EXE` program will not download to the workstation until Platform is executed.

A sample input format is:

```
X:\NBA\SERVER\UPDATES\FILENAME.EXT,C:\NBA\PLAT-LOC\FILENAME.EXT, MM\DD\YYYY,Z
   .            .            .            .            .
   .            .            .            .            .
   .            .            .            .            .

END$
```

Where:

nba\server\updates\filename.ext =	Source directory and file name.
nba\plat-loc\filename.ext =	Destination directory and file name.
mm\dd\yyyy =	Date when copy is to occur.
Z =	Enter **F** to force copy (overrides date entry).
	Enter **X** to specify no force copy.
END$ =	Must be the last line in the file.

NBA Teller Update Install (3.2.6.x)

For the exact version of the software, refer to the Bill of Materials.

CONSIDERATIONS

- This release assumes your AUTOBANK® software is current with Release 3.2.5.

- In order for this release to function correctly, operations must execute the **AB_TellerGrants.SQL** script.

- This version of NBA Teller works with either the 2.X or 3.X versions of the Delivery database. Be sure that the workstation options for **EFFECTIVE DATE** and **Delivery 4.0** are **OFF**.

New Teller Customer

If you are installing a new NBA Teller customer into an AUTOBANK® host, use the NBA Combo Install instructions found earlier in this chapter.

Upgrading Existing Customers

1. Copy the TLR4WIN.EXE program to the `\server\updates` directory.

2. Add to the EFWFILES.LST file (already located in the `\server\updates` directory) an entry for the TLR4WIN.EXE program.

   A sample input format is:

```
C:\NBASERV\UPDATES\FILENAME.EXT, C:\NBA4WIN\FILENAME.EXT, MM\DD\YYYY,Z
END$
```

Where:

nbaserv\filename.ext =	Source directory and file name.
nba4win\filename.ext =	Destination directory and file name.
mm\dd\yyyy =	Date when copy is to occur.
Z =	Enter **F** to force copy (overrides date entry).
	Enter **X** to specify no force copy.

END$ = Must be the last line in the file.

3. Copy the SMRYJRNL.RPT report file to the \server\updates directory.

4. Add to the EFWFILES.LST file an entry for the SMRYJRNL.RPT report file.

5. In the ABE4WIN.INI file (located in the Windows directory), add a line under the [AUTOBANK] section as follows:

```
DeliveryVersion=030206      ' version of delivery db, must be in AABBCC fmt ie 3.2.6 -> 030206
```

6. Edit the OPTIONS.TXT file in the local NBA directory. Each line in the table has the following meanings:

- Force Cash Count on Cash IN
- Force Cash Count on Cash OUT
- Supervisor Level Required on Branch Close
- Supervisor Level Required for Adjust Starting Cash
- Require Zero Proof
- Allow Place Memo Hold Transaction
- AUTOBANK® Database Version 4.0

   Note: Until AUTOBANK® Release 4.0 (the real-time version), this option must be set to zero.

- AUTOBANK® Effective Date Transmit
- Auto Check Writer Link

   Notice there are nine entries in the file. Do not add comments to this file; instead, enter the appropriate values for each entry. Values include:

   0 = Option is not used.

   1 = Option is used.

   The alternative method of setting these values is to select Misc. from the Teller toolbar, then Security, then Workstation Options.

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Database Conversion

To make the User Profile Database (USERPROF.MDB) compatible with both Teller and Platform, perform the following conversion process.

Note: This operation is associated with **TAR 120328**.

1.   Create the following two folders:

   a.   Server:\nba\autobank\tell-srv\updates\tempa

   b.   Server:\nba\autobank\tell-srv\updates\tempb

2.   From ..\r3.2.6\desktop\nba\update\ab_conv_teller_3266

   a.   Copy **update.exe** to
       Server:\nba\autobank\tell-srv\updates

   b.   Copy **abv3264a.mdb** to
       Server:\nba\autobank\tell-srv\updates\tempa

   c.   Copy **abv3264b.mdb** to
       Server:\nba\autobank\tell-srv\updates\tempb

3.   Copy **userprof.mdb**
     from Server:\nba\autobank\tell-srv\data
     to Server:\nba\autobank\tell-srv\updates\tempa

4.   Copy **userprof.mdb**
     from Server:\nba\autobank\plat-srv\data
     to Server:\nba\autobank\tell-srv\updates\tempb

5.   Run **update.exe** from Server:\nba\autobank\tell-srv\updates

   a.   <u>Source</u>:
       Server:\nba\autobank\tell-srv\updates\tempa\abv3264a.mdb

   b.   <u>Update</u>:
       Server:\nba\autobank\tell-srv\updates\tempa\userprof.mdb

   c.   Allow files to save.

   d.   Ignore any errors that may occur during the run.

6. Copy **userprof.mdb**
from Server:\nba\autobank\tell-srv\updates\tempa
to Server:\nba\autobank\tell-srv\updates\data (replace existing file).

7. Run **update.exe** from Server:\nba\autobank\tell-srv\updates

   a. <u>Source</u>:
   Server:\nba\autobank\tell-srv\updates\tempb\abv3264b.mdb

   b. <u>Update</u>:
   Server:\nba\autobank\tell-srv\updates\tempb\userprof.mdb

   c. Allow files to save.

   d. Ignore any errors that may occur during the run.

8. Copy **userprof.mdb**
from Server:\nba\autobank\tell-srv\updates\tempb
to Server:\nba\autobank\plat-srv\updates\data (replace existing file).

AUTOBANK® Wizard Installation

Build Procedures

You must install Wizard Release 3.2.6 Build 01 either before or during the Release 3.2.6 installation. To do so, perform the following steps:

1. Access the following path:

```
..\r3.2.6\Desktop\Wizard\990823\Build01
                \WizClientR3.2.6(Wizard)
                \WizServerR3.2.6 (End-of-Day Wizard)
                \WizOfficeR3.2.6(Access 97 runtime)
                \WizHelpR3.2.6 (Help File for the Wizard)
                \WizBuild01ANNN.bat (Setup Bat File)
```

2. Review Chapter 6 (Wizard Modifications) of this document to determine what new features and/or corrections have occurred since the last release.

    Note: When a path is specified, it will normally say "production," but you might need to substitute "test" in some cases, usually when going to a new release.

3. Copy the "\990823\Build01" folder and its contents to the "Apps" Share, "\AUTOBANK\Production\Wizard\" folder. To remain consistent with the Wizard Installation document, make sure you preserve the same folder names as listed above.

4. Access the **Wizard Installation Guide** and display and/or print Chapter 2, *Installing AUTOBANK® Wizard Applications.*

    Note: The Wizard Installation Guide is provided to you in a separate PDF file (wizard_install.pdf) included with your release media. The path location is:

    ```
    ..\r3.2.6\Release 3.2.6 documentation\Tech-Pub
    ```

5. Make sure that the file "WizUserTbls.mdb" for the institution has been backed up. For this release, the file should be at "Drive:\abedata\production\ANNN\WizTables".

6. This release does not include an update to the Access Runtime Application, which must be installed only for new server installations. If you need to install on a new server, refer to the **One**-**Time Installation** instructions found in the **Server Installations** section of the *Wizard Installation Guide, Chapter 2*.

7. Perform the **Per**-**Institution Installations** instructions found in the **Server Installations** section of the *Wizard Installation Guide*, *Chapter 2*. These procedures detail the use of the WizBuild01ANNN.bat file.

    NOTE: Depending on the path structure, the following "Path not found" message box may display the first time WizEod is run after an install. Simply click **OK** and continue processing.
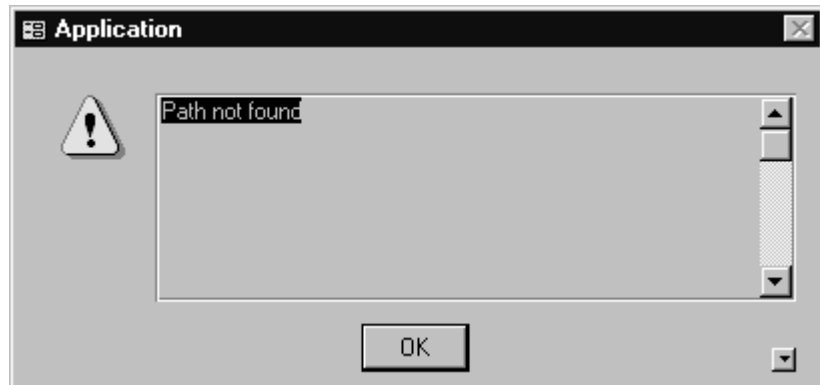
8. For instructions on installing the Wizard Help file, refer to the **One**-**Time Installation: Copying the Help File to the Standard Folder** instructions found in the **Desktop Installations** section of the *Wizard Installation Guide, Chapter 2*.

9. To perform this upgrade for all machines running the Client Wizard Software, refer to the **Per**-**Institution: Installing the AUTOBANK**® **Wizard** instructions found in the **Desktop Installations** section of the *Wizard Installation Guide, Chapter 2*.

ABE Installation

Before Running the Install

1. Obtain the `autoinst.bat` and `[release].zip` files for the current release from the following directory:

   `aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\server\`

   Note: For the actual `[release].zip` file name, refer to the AB Release Letter.

2. You may install AUTOBANK® from the LAN or from the local server.

   To run it from the local server, be sure to first **copy** the following files to the local machine:

   - autoinst.bat
   - [release].zip

Executing autoinst.bat

To install the system, perform the following steps:

1. Go to the DOS prompt and switch to the directory that contains `autoinst.bat` and the `[release].zip` file.

   The **%PATH%** variable must include the current directory (specified as **.;**) in order for autoinst.bat to execute.

   - To view the current path, execute the following command:

     echo %PATH%

   - If the %PATH% variable does not contain a reference to the current directory, execute the following command before invoking autoinst.bat:

     path .;%PATH%

2. At the command line, type:

   autoinst.bat –f release.zip   [-n *node*]

   Default node is D:\AUTOBANK\PRODUCTION

   For example: autoinst.bat -f ab323fl.zip

As autoinst.bat runs, it:

- Invokes the **bldautoreg.bat** script to build the entries in the NT registry and set up all of the variables for the AUTOBANK® project.

  The PATH variable in the registry will also be modified to contain entries for the **%AUTOLBIN%** and **%AUTOBIN%** directories.

  For more information about these variables, refer to the **autoinstall** section of the **AUTOBANK® Computer Operations Manual**.

- Displays messages requesting information.

Messages

AUTOINST.bat communicates with you by displaying four interactive messages and soliciting responses. Generally, these messages are informational, but give you the opportunity to override default installation settings.

Display # 1

```
[release.zip] will be unzipped to
D:\AUTOBANK\PRODUCTION    (or -n value)
```

- Enter **Y** if this path is OK.
- Enter **N** if it is not.

If you entered **Y**, the software is unzipped and processing continues with Display # 2.

If you entered **N**, the following message displays and the run aborts.

```
Install of [release.zip] is aborted
```

Display # 2

```
Default AUTOHOME is D:\AUTOBANK\PRODUCTION
Is the default to be used for registry settings?
Enter y or n
```

- Enter **Y** if D:\AUTOBANK\PRODUCTION is the desired path.

- Enter **N** if you wish to specify another path.

If you entered **N**, the following messages display and pause for your input:

```
Enter value to be used for AUTOHOME variable

Are answers correct?
Enter Y or N
```

If you entered **N**, Display # 2 appears again.

CAUTION: If a test version of AUTOBANK® is installed, DO NOT change the registry setting to `D:\AUTOBANK\TEST`. Instead, leave it as `D:\AUTOBANK\PRODUCTION`. Run autoinit to set the session variable to the `D:\AUTOBANK\TEST` tree.

When you want to run with the test tree, log on to the server and run autoinit to set the session variables to the D:\AUTOBANK\TEST tree.

Display # 3

```
Default ORATAB value is D:\AUTOBANK
Is the default to be used for registry settings?
Enter y or n
```

- Enter **Y** if `D:\AUTOBANK` is the directory in which to place the Oracle® tables and password files.
- Enter **N** if you wish to specify another directory.

If you entered **N**, the following messages display and pause for your input:

```
Enter value to be used for ORATAB variable

Are answers correct?
Enter y or n
```

If you entered **N**, Display # 3 appears again.

Display # 4

Default ORACLEHOME value is D:\ORANT
Is the default to be used for registry settings?
Enter y or n

- Enter **Y** if D:\ORANT is the directory in which to store the Oracle® software.

- Enter **N** if you wish to specify another directory.

If you entered **N**, the following messages display and pause for your input:

```
Enter value to be used for ORACLEHOME variable

Are answers correct?
Enter y or n
```

If you entered **N**, Display # 4 appears again.

Establishing Delivery Database Grants

The following information provides the instructions for applying all current grants to the Release 3.2.6 Delivery database.

SPECIAL NOTE   The grants process provides a simple way to re-establish the full set of grants on the Delivery database. Should patches to the Delivery database be applied outside the normal release-update process, or should other changes be made to the Delivery database, this process provides a way to quickly re-establish the full set of grants on the database.

From the DOS prompt

1. Unless you have already done so, run the **autoinit.bat** and **abeinit.bat** jobs used for the database to which you want to apply grants.

    Example:

    autoinit.bat –d d –h autobank\test
    abeinit.bat –b 40 –r 1 –d f –h test\abedata –s c140 –v 19990512

2. If this bank uses AUTOBANK® General Ledger, perform these steps; otherwise, go to step **3**.

    a. Create an entry in the operating system level encrypted password file for globjects by entering the following command. Make sure your ORACLE_SID is set to the Delivery Database SID.

    pwm -a ab-gl -d globjects/<password>

    Where <password> is globject's database password.

    b. Verify assignment by entering the following command:

    pwm -i ab-gl

    Note: The General Ledger patches will be applied only if the bank is defined as a General Ledger user in the bank options file. The messages below will display if the bank is found not to be a G/L user:

> **G/L Processing Not Selected In bank.opt File**
>
> **No G/L Patches Were Applied For Bank <bank number>**

3. Enter the following command to change to the **onetime** working directory:

   cd %AUTOHOME%\onetime

4. Now run the **r326_delivery_grants.bat** script.

   As the script runs, it displays the following messages:

   > **ORA-00942: table or view does not exist**
   >
   > **ORA-00955: name is already used by an existing object**

   These messages **ARE NOT** errors; therefore, simply ignore them.

5. If any other errors occur, the script displays the log file. At that point, **call your AUTOBANK® Support Representative** for assistance.

   With the log file displayed, you may use the following commands:

   • Enter key — Advances to the next page
   • q – quit this log review

   If the script completes its processing successfully, it displays the following message:

   > **R326_delivery_grants: Application Of Grants For Bank xxxx is Complete**

   If processing is not successful, the following message displays.

   > **R326_delivery_grants: Application Of Grants For Bank xxxx Terminated On Errors**

Delivery Database Update Procedures

The following information provides the instructions for updating the Delivery database from Release 3.2.5 to Release 3.2.6.

SPECIAL NOTES

- The ABE installation process must be completed before running this process.

- This process must run to completion for a bank before starting the next database update process for another bank on the same server.

- The database-update process re-establishes all grants on the Delivery database; therefore, it is not necessary to re-establish grants by other means.

From the DOS prompt

1. Unless you have already done so, run the **autoinit.bat** and **abeinit.bat** jobs used for the database you wish to update.

   Example:

   autoinit.bat –d d –h autobank\test
   abeinit.bat –b 40 –r 1 –d f –h test\abedata –s c140 –v 19990512

2. If this bank uses AUTOBANK® General Ledger, perform these steps; otherwise, go to step **3**.

   a. Create an entry in the operating system level encrypted password file for globjects by entering the following command. Make sure your ORACLE_SID is set to the Delivery Database SID.

   pwm -a ab-gl -d globjects/<password>

   Where <password> is globject's database password.

   b. Verify assignment by entering the following command:

   pwm -i ab-gl

   Note: The General Ledger patches will be applied only if the bank is defined as a General Ledger user in the bank

options file. The messages below will display if the bank is found not to be a G/L user:

> **G/L Processing Not Selected In bank.opt File**
>
> **No G/L Patches Were Applied For Bank <bank number>**

3. Enter the following command to change to the **onetime** working directory:

   cd %AUTOHOME%\onetime

4. Now run the **r326_delivery_patches.bat** script.

   As the script runs, it displays these messages:

> **ORA-00942: table or view does not exist**
>
> **ORA-00955: name is already used by an existing object**
>
> **ORA-01442: column modified to not null already not null**

   These messages **ARE NOT** errors; therefore, simply ignore them.

5. If any other errors occur, the script displays the log file. At that point, **call your AUTOBANK® Support Representative** for assistance.

   With the log file displayed, you may use the following commands:

   - Enter key — Advances to the next page
   - q – quit this log review

   If the script completes its processing successfully, it displays the following message:

> **R326_Delivery_Patches: Rel 3.2..6 Database Update For Bank xxxx is Complete**

If the script terminates abnormally, it displays this message:

> **R326_Delivery_Patches: Rel 3.2.6 Database Update Process Terminated On Errors**

Workaround for Premature Termination of Database Update Script

In most cases, error-handling logic within the update scripts will perform a re-compile of the database should an error occur. However, in the event that the update scripts are unable to perform a re-compile, a re-compile needs to be performed manually.

If the database-update process terminates abnormally for any reason, you must:

- Apply any necessary database corrections.
- Prepare the Delivery Database for access.
- Update the Release Information Table.

Following are instructions for preparing the database after all corrective actions have been applied.

NOTE: During these procedures, be sure to substitute `<sqlplus>` with the proper `SQL*PLUS` executable for the system. This includes **sqlplus** or **plus80**.

Preparing the Delivery Database for Access

1. Make sure that the current directory is set to `%AUTOHOME%\onetime`.

2. To re-compile the Delivery database objects, enter the following command at the DOS prompt.

```
<sqlplus> <autobank_user>/<autobank_password> @%autosql%\compileinvalid.sql
```

   After the compile is completed, the message "**PL/SQL procedure successfully completed**" displays along with the SQL prompt.

3. Enter **exit** at the SQL prompt to return to the DOS prompt. Note that a list of procedure names displays following the compile. This is normal.

4. To re-establish the database grants, enter the following command at the DOS prompt:

```
r326_delivery_grants.bat
```

Updating the Release Information Table

After the Delivery Database has been successfully prepared for access, you may proceed with this process.

1. To update the `release_info table`, enter the following command at the DOS prompt:

```
<sqlplus> <autobank_user>/<autobank_password> @update_rel_info_tbl.sql
```

2. At the **Enter value for 1** prompt, perform the following:

   a. Enter **Rel 3.2.6**

   b. Press the **Enter** key.

AUTOBANK Release 3.2.6

Delivery Desktop Installation

After installing the Delivery Database, perform the following procedures to install the Delivery Desktop.

1. Access the following directory:

```
aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\delivery
```

2. Copy **delsetup.exe** to the appropriate directory.

3. Using Explorer or the Run command, execute **delsetup.exe**.

Note: The **delsetup.exe** run defaults to the `autobank` program group. Previous versions may already exist in the `autobank®` group.

Chapter 3

Accessing the Software

Accessing the AUTOBANK® Software

Software Locations

Following are the path locations from which field personnel may access the various system components.

Wizard Desktop

aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\wizard

Delivery Desktop

aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\delivery

NBA Desktop

aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\nba\combo_install
aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\nba\update
aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\desktop\nba\laser_check

ABE

aohsdco4\orgshare\fldshare\glast_service_center\r3.2.6\server

Chapter 4

Software Patches

Software Patches

Following is a list of patches for AUTOBANK® Release 3.2.6. Note that the **r326_delivery_patches.bat** script executes these patches.

SPECIAL NOTE
Before implementing Release 3.2.6, your software must be current with the AB Message specified in the Release Letter.

G/L Database Patches

There are no G/L patches for 3.2.6.

Delivery Database Grants

%autohome%\onetime\990819_ab_achrrgrants.sql
%autohome%\onetime\990623_ab_admingrants.sql
%autohome%\onetime\990819_ab_bankdblovgrants.sql
%autohome%\onetime\990818_ab_deliverygrants.sql
%autohome%\onetime\990716_ab_glexplorergrants.sql
%autohome%\onetime\990624_ab_platformgrants.sql
%autohome%\onetime\990624_ab_tellergrants.sql
%autohome%\onetime\990819_ab_usersecgrants.sql
%autohome%\onetime\990823_ab_wizard_grants.sql
%autohome%\onetime\990716_gl_glexplorergrants.sql
%autohome%\onetime\misc_grants.sql
%autohome%\onetime\prs_grant.sql

Delivery Database Patches

Be sure to apply all emergency patches before running the 3.2.6 database-update process.

%autohome%\onetime\990812_prc_teller_place_stop.prc
%autohome%\onetime\990812_prc_teller_release_stop.prc
%autohome%\onetime\990812_v_portfolio_details.vu
%autohome%\onetime\990812_v_deposit_status.vu
%autohome%\onetime\990818_ab_universal_acd.pkb
%autohome%\onetime\990818_loadadmintables_990818_32.sql
%autohome%\onetime\990824_v_svc_chg_info.vu
%autohome%\onetime\990824_deposit_accounts.tbl
%autohome%\onetime\990824_deposit_accounts.trg
%autohome%\onetime\990824_prc_teller_place_hold.prc

%autohome%\onetime\990824_fnc_change_acct_id.fnc

%autohome%\onetime\990824_drop_constraint_collateral_for_loan_yn.sql

%autohome%\onetime\990824_alter_deposit_accounts_990813.sql

%autohome%\onetime\990903_ab_24_7_financial_trans.pkg

%autohome%\onetime\990903_ab_24_7_financial_trans.pkb

%autohome%\onetime\990903_abesamcodeinserts990903_32.sql

Possible Error Messages Displayed

As the **r326_delivery_patches.bat** script runs, the following error messages may display intermittently for certain patches. Because these messages are not error-related, simply ignore them.

> **ORA-00955: name is already used by an existing object**
>
> **ORA-00942: table or view does not exist**
>
> **ORA-01418: specified index does not exist**

Special Patch Notes and Instructions

Delivery Database

TAR /	Notes and Special Instructions
103843	Implementation of Check Loan Service Charge Waive Flag NOTE: DEPOSIT_ACCOUNTS.TBL is for source code only - It should not be executed. NOTE: Check Loan Service Charge Waive Flag implementation will be available in the next release of the REL3.2 Delivery Desktop.
110980	This release allows savings account financial transactions to be overdrawn. This release is available with REL3.2 Delivery Desktops Build 133 and higher.
110980	Allow Overdraft code for non-checking deposit accounts.
112269	Update HISTORY_TRANSACTIONS.EXT_TRAN_CD LOV descriptions with Tran descriptions from the Tran Crit list. NOTE: See the section *Transaction Update Exceptions* found later in this chapter.
112531	Allows holds to be placed on accounts with alerts.
113707	Validation Rules updated for exponential number.
115031	Drop FULL_TABLE_SCANS from script.
116187	Correction to allow add/remove Stop Payments on Savings Accounts.
117700	Correct parse_params procedure.
118024	Don't use acct_type_cd in table updates for ABE.

TAR /	Notes and Special Instructions
118843	The script removes the 0/1 constraint on deposit_accounts.collateral_for_loan_yn.
118496	Permissions Script for UserSec.exe.
118496	Permissions Script for LOVS.exe.
118496	Permissions Script for ACHRR.exe.

Delivery Desktop

TAR / Remedy #	Notes and Special Instructions **Delivery Desktop Build 133**
113517	INT-Print preview-press the minimize button and the delivery desktop locks up.
113686	INT-Customer ATM does not appear to have added the cardholder.
113694	INT-When misc data does not exist, just show message not blank misc data screen.
113702	INT-Add hyphen or delete numbers from fields-recv error: not valid float point.
113710	INT-Refresh issue: Late charges are not carried over to the bill/due tab.
113712	INT-Add accrued interest and receive error: translate error:value out of bound.
115003	R - 101486 New transfer info not being set up correctly.
115068	R - 102194 Unable to exit instant statement.
116187	R - 106878 - Unable to add a Stop on a Savings Acct.
116313	INT-Press cancel on transaction history search-it

TAR / Remedy #	Notes and Special Instructions **Delivery Desktop Build 133**
	will still change the desc.
116318	INT-Prints a future instant statement date (05/05/05) then recv error msg.
116360	INT-Login selecting tickler search for officer (empty)-right click change opt.
116373	INT-Highlight & delete the name field-the OK button is active but causes error.
	This Version requires the following updates:
	AB_DeliveryGrants
	v_portfolio_details (116187) (Release Dir. 990812)
	v_deposit_status (116187) (Release Dir. 990812)

Transaction Update Exceptions

The **HISTORY_TRANSACTION.EXT_TRAN_CD** descriptions in **REL3.2 LOV Tables** were **NOT** updated with the Tran Crit transaction code descriptions for the reasons listed below with each set of transaction codes. Use this information in conjunction with TAR **112269**.

Tran Codes Not Available in the Rel3.2 LOV Table

The following tran codes listed on the Tran Crit list do not exist in the REL3.2 LOV Table.

1	3	**thru**	7	32	39	40	41	44	57	**thru**
59	61	63	**thru**	66	70	**thru**	77	80	**thru**	91
100	101	103	**thru**	108	110	111	**thru**	115	161	178
179	181	186	196	**thru**	199	201	203	205	**thru**	208
211	212	213	229	238	260	279	297	298	299	360
363	395	396	397	401	**thru**	409	413	**thru**	424	430
433	436	495	496	497	498	501	504	505	506	507
508	516	547	549	564	598	600	605	606	607	608
627	630	632	639	670	671	672	681	682	683	684
685	687	**thru**	691	698	700	704	705	706	707	708
716	720	746	752	760	761	762	770	**thru**	779	798
800	**thru**	823	826	828	829	832	833	835	839	**thru**
845	1005	1006	1010	1011	1050	1051	1052	1101	**thru**	1105
1108	1115	**thru**	1118	1123	**thru**	1137	1142	1144	**thru**	1147

1155	1156	1159	1163	**thru**	1166	1208	1220	1229	**thru**	1232
1236	1237	1238	1249	1254	1256	**thru**	1262	1266	1267	1281
1308	1329	**thru**	1332	1349	1356	1357	1358	1401	**thru**	1406
1423	**thru**	1446	1451	**thru**	1456	1463	**thru**	1491	1501	1504
thru	1507	1509	**thru**	1538	1540	1545	1546	1550	1560	**thru**
1566	1580	1581	1584	1585	1586	1591	1592	1601	1602	1605
1606	1609	**thru**	1616	1623	1624	1628	**thru**	1631	1634	1635
1639	1641	1642	1643	1645	1646	1647	1651	1652	1671	1673
1676	**thru**	1680	1682	**thru**	1686	1688	1689	1690	1692	**thru**
1695	1700	1702	**thru**	1705	1711	1717	1718	1719	1725	1726
1729	1730	1736	1738	**thru**	1746	1749	**thru**	1756	1763	**thru**
1767	1781	1782	1783	1785	1790	1797	1798	1802	1831	**thru**
1849	1900	**thru**	1911	1915	**thru**	1954	1960	**thru**	1998	2001
thru	2024	2031	**thru**	2056	3145	3157	3340	9001	9002	9015
9016	9017	9020	9021	9022	9050	9051	9052	9057	9100	**thru**
9106	9199	9934	9935	9964	9965					

Tran Codes Not Updated in the Rel3.2 LOV Table

Currently, the following tran codes exist in the REL3.2 LOV Table but were NOT updated because the Tran Crit list has two or more different descriptions for the same transaction code.

102	121	128	133	135	143	151	154	157	158	202
233	258	302	351	701	702	709	710	712	713	714
719	725	728	729	731	738	744	787	788	799	1727
1728	1826	1828	1829	1830	3149	3150				

Tran Codes With Updated Descriptions in the Rel3.2 LOV Table

Descriptions for the following tran codes were updated in the REL3.2 LOV Table with an abbreviated version of the description that is included on the Tran Crit list.

119	223	224	245	319	323	338	432	450	452	503
510	513	514	518	527	551	552	561	614	621	718
721	727	739	802	1122	1214	1268	1626	1632	1636	1638
1681	1731	1733	1737	3148						

Chapter 5

Features

Introduction

This chapter provides detailed descriptions for the new features delivered with AUTOBANK® Release 3.2.6. As necessary, each write-up covers one or more of the following topics:

- Purpose
- Considerations
- System Flow
- Programming/Operations Modifications
- System File Layouts/Descriptions

For easy reference, the information is presented in ascending TAR number sequence.

103870 — Cummins-Allison Loan Coupon Interface

Purpose

This feature enables the AUTOBANK® Engine (ABE) to produce customer loan information that print vendors can use to generate loan-payment coupon books in Cummins-Allison format.

Program Modifications

Coding applied to the following programs accommodates this feature:

- COUPCTRL — This new module reads a new parameter file (coupctrl.i) that specifies which coupon vendor (Deluxe or Cummins-Allison) to use. Then it calls the appropriate module to generate the Coupon Book Interface file.
- ABEMLNRE — This module now adds the *Original Date of Loan* field to the report 1480 extract. This date gets passed to the Coupon Book Extract file, which is input to the abecoupn.bat job.
- ABECOUPA — This new module generates the new *Cummins-Allison Coupon Book Interface* file, and the new Cummins-Allison Coupon Book report.

Program Operations Information

New Parameter Files

The new Coupon Options file (coupctrl.opt) is required for all institutions that have any coupon books printed in Deluxe® or Cummins-Allison format.

Vendor Selection Parameter File, coupctrl.i

This parameter file enables the institution to identify which coupon book format to use.

PARAMETER NAME	POSITION	VALUE
Parameter ID	1-6	Enter **VENDOR**.
Vendor Selection	7-8	Enter the code that specifies the interface format the institution wishes to use to generate loan coupon books. **01** = Deluxe® **02** = Cummins-Allison

Cummins-Allison Parameter File, couaparm.i

In addition to the existing **coupparm.i** extract file for Deluxe® coupons, the Coupons Option file (abecoupn.opt) now contains extract parameters for the Cummins-Allison Coupon Book Parameter File (**couaparm.i**).

These parameters contain the following fields:

PARAMETER NAME	POSITION	VALUE
Parameter ID	1-2	Enter **CA**. Only one permitted per parameter set.
Institution Number	3-6	Enter the number associated with the institution for which coupons are to be generated.
Client Number	7-15	Enter the unique client number that the system will use to identify this institution. **Supplied by Cummins-Allison.**
Service Sequence	16	Enter the alphabetic ID code that the system will use to identify this institution. **Supplied by Cummins-Allison.**
Maximum Nbr of Coupons	17-19	Enter the maximum number of coupons to print. Cummins-Allison maximum is 130.
Last Coupon Blank Option	20	Enter a code that specifies whether or not the last coupon (or the coupon for the new maturity date) is to contain a blank amount **0** = Do not print a blank amount. **1** = Print blank amount on maturity date coupon. **2** = Print blank amount on last coupon.

New Report

Output from the loan-coupon-processing run is the **Cummins-Allison Coupon Book** report. This report lists the loan coupons that are output to the Cummins-Allison Interface file.

Following is a report layout.

```
                                 CUMMINS-ALLISON COUPON BOOK
BANK NUM.   40     CLIENT NUM. 999999999                              DATE 05/06/99        PAGE    1

MICR          REC      EDITED           TOTAL      DATE OF           TOTAL      TERMS     TOTAL
ACCT          SEQ    ACCOUNT NO        PAYMENT       LOAN          FINANCED               NO PMTS

0000011004645348 01     1-1004645-3-48    27,218.27   05/01/99           .00        0        32
NAME/ADDRESS     MEREDITH MC CLEVER             GEORGE MC CLEVER
                 684 ANDOVER RD                 NEWTOWN SQUARE      PA 19073

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1       31     05/17/99       735.92       1       015           12.34
     2        1     12/17/01          .00       1       000             .00

0000011008646348 01     1-1008646-3-48    18,516.07   05/05/99           .00        0        44
NAME/ADDRESS     BETTY LANE                     10 E DUVAL ST
                 PHILA PA        19144

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1       43     05/01/99       179.26       1       015             .00
     2        1     12/01/02          .00       1       000             .00

0000011008968348 01     1-1008968-3-48    29,822.27   05/17/99           .00        0        55
NAME/ADDRESS     ROGER F DUNLOP                 BARBARA A DUNLOP
                 5117 WHITEHALL DR              CLIFTON HEIGHTS PA 19018

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1       54     06/01/99       356.50       1       008             .00
     2        1     12/01/03          .00       1       000             .00

0000012000456748 01     1-2000456-7-48     2,472.89   05/10/99           .00        0         8
NAME/ADDRESS     MARIE GORGO                    2511 ROSELLA PLACE
                 PHILADELPHIA,      PA 19153

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1        7     05/17/99        86.79       1       015             .00
     2        1     12/17/99          .00       1       000             .00

0000012000384648 01     1-2000384-6-48     2,072.73   05/10/99           .00        0         8
NAME/ADDRESS     JOHN J. BYRD                   415 LINCOLN AV 2ND FLOOR
                 COLLINGDALE,       PA 19023

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1        7     05/17/99        78.24       1       015             .00
     2        1     12/17/99          .00       1       000             .00

0000011008803248 01     1-1008803-2-48     7,496.88   05/05/99           .00        0        20
NAME/ADDRESS     ROZALINE D MEGYVERAN           310 GRAMOUNT LN
                 VILLANOVA PA  19085

SCHEDULE #  NO OF   1ST PAYMT      PAYMENT   PAYMENT    GRACE         LATE
            PMTS      DATE         AMOUNT    FREQUENCY  DAYS          CHARGE
     1       19     05/07/99       266.71       1       015             .00


        TOTAL COUPON ORDER   015
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File Layouts

The Cummins-Allison Interface output file (**allisext.t**) is in EBCDIC format. It can contain up to 13 records per account to store base account information, plus up to 130 loan-payment schedules. As shown in the file layouts, the information is distributed as follows:

- Record 01 contains base account information, plus payment schedules 1 and 2.

- Records 2-13 contain payment schedules 3-130.

Record 1 Layout

Data Name	Position	Picture	Usage
BASE RECORD DATA			
10 BASE-INFO.	0	X(39)	
10 BASE-PLUG REDEFINES BASE-INFO.			
15 CLIENT-NUMBER	0	9(9)	
15 SERVICE-TYPE	9	X	VALUE "A"
15 SERVICE-SEQUENCE	10	X	
15 PLUG-ZERO-1	11	X(4)	
15 MICR-ACCOUNT-NO	15	X(16)	
15 PROCESS-DATE	31	9(6)	MMDDYY
15 RCD-SEQUENCE	37	99	
10 FILLER	39	X(4)	
10 EDIT-ACCT	43	X(20)	
10 NAME-ADDR-LINE-1	63	X(40)	
10 NAME-ADDR-LINE-2	103	X(40)	
10 NAME-ADDR-LINE-3	143	X(40)	
10 NAME-ADDR-LINE-4	183	X(40)	
10 TOTAL-PAYMENT-AMT	223	9(7)V99	
10 DATE-OF-LOAN-CONTRACT	232	9(6)	MMDDYY
10 TOTAL-FINANCE-AMT	238	9(8)	VALUE "ZEROS"
10 TERM-IN-MONTHS	246	9(3)	VALUE "ZEROS"

Data Name	Position	Picture	Usage
10 TOTAL-NO-PAYMENTS	249	9(3)	
10 NO-OF-COUPONS-TO-PRINT	252	9(3)	
10 BEGINNING-COUPON-NO	255	9(3)	
10 INPUT-TYPE	258	99	VALUE "02"
10 FILLER	260	X(15)	SPACES
LOAN REPAYMENT SCHEDULES			
10 SCHEDULE-1	275	X(25)	
10 SCHEDULE-2	300	X(25)	
10 FILLER	325	X(3)	SPACES
LOAN REPAYMENT SCHEDULE (CONTENTS) **(**where *n* represents the starting relative position of each schedule)			
15 NUMBER-OF-PAYMENTS	n	9(3)	
15 1ST-PAYMENT-DATE	n + 3	9(6)	MMDDYY
15 PAYMENT-AMOUNT	n + 9	9(6)V99	
15 PAYMENT-FREQUENCY	n + 17	9	
15 DAYS-GRACE	n + 18	99	
15 LATE-CHARGE	n + 20	9(3)V99	

Records 2-13

Records 2-13 contain information for loan-payment schedules 3-130. Records 2-12 each store up to 11 payment schedules and occupy 328 bytes of data, whereas record 13 stores up to 7 payment schedules and occupies 228 byes of data. Each record contains identical fields. The schedules are distributed across records 2-13 as follows:

- Record 02 — schedules 3-13.

- Record 03 — schedules 14-24.

- Record 04 — schedules 25-35.

- Record 05 — schedules 36-46.
- Record 06 — schedules 47-57.
- Record 07 — schedules 58-68.
- Record 08 — schedules 69-79.
- Record 09 — schedules 80-90.
- Record 10 — schedules 91-101.
- Record 11 — schedules 102-112.
- Record 12 — schedules 113-123.
- Record 13 — schedules 124-130

Data Name	Position	Picture	Usage
RECORD BASE			
10 RECORD-XXXXXXXX	0	X(39)	Record number (alpha desc)
15 CLIENT-NUMBER-P	0	9(9)	
15 SERVICE-TYPE-P	9	X	PLUG AS "A"
15 SERVICE-SEQ-P	10	X	
15 FILLER	11	X(4)	
15 MICR-ACCOUNT-P	15	X(16)	
15 PROCESS-DATE-P	31	9(6)	MMDDYY
15 RCD-SEQUENCE-P	37	99	
10 FILLER	39	X(11)	SPACES
LOAN REPAYMENT SCHEDULES			
10 SCHEDULE-XXX (1 of 11)	50	X(25)	
10 SCHEDULE-XXX (2 of 11)	75	X(25)	
10 SCHEDULE-XXX (3 of 11)	100	X(25)	
10 SCHEDULE-XXX (4 of 11)	125	X(25)	
10 SCHEDULE-XXX (5 of 11)	150	X(25)	

Data Name	Position	Picture	Usage
10 SCHEDULE-XXX (6 of 11)	175	X(25)	
10 SCHEDULE-XXX (7 of 11)	200	X(25)	
***** THESE ADDITIONAL SCHEDULES APPLY TO RECORDS 2-12 ONLY *****			
10 SCHEDULE-XXX (8 of 11)	225	X(25)	
10 SCHEDULE-XXX (9 of 11)	250	X(25)	
10 SCHEDULE-XXX (10 of 11)	275	X(25)	
10 SCHEDULE-XXX (11 of 11)	300	X(25)	
10 FILLER (RECORD 13)	225	XXX	SPACES
10 FILLER (RECORDS 2-12)	325	XXX	SPACES
LOAN REPAYMENT SCHEDULE (CONTENTS) **(**where *n* represents the starting relative position of each schedule)			
15 NUMBER-OF-PAYMENTS	n	9(3)	
15 1ST-PAYMENT-DATE	n + 3	9(6)	MMDDYY
15 PAYMENT-AMOUNT	n + 9	9(6)V99	
15 PAYMENT-FREQUENCY	n + 17	9	
15 DAYS-GRACE	n + 18	99	
15 LATE-CHARGE	n + 20	9(3)V99	

Record Base - **Field Definitions**

Following is a description of the fields in the base portion of each record. For easy reference, the definitions are listed in ascending alphabetical sequence.

BEGINNING COUPON NUMBER

(BEGINNING-COUPON-NO)

The number to be printed on the first loan coupon for this account.

CLIENT NUMBER

(CLIENT-NUMBER) - Rec 01
(CLIENT-NUMBER-P) - Recs 02-13

The unique number that Allison Payment Systems assigned to this institution for whom the coupons are being processed.

DATE OF LOAN CONTRACT

(DATE-OF-LOAN-CONTRACT)

Contains the date (MMDDYY) of the contract.

EDITED ACCOUNT NUMBER

(EDIT-ACCT)

The edited account number as it will print on top of the coupon.

INPUT TYPE

(INPUT-TYPE)

Always contains 02 to identify tape input.

MICR ACCOUNT NUMBER

(MICR-ACCOUNT-NO) - Rec 01
(MICR-ACCOUNT-P) - Recs 02-13

Contains the MICR information to be printed on the coupon.

NAME AND ADDRESS LINE 1

(NAME-ADDR-LINE-1)

Contains the first line of name and address information associated with this account.

NAME AND ADDRESS LINE 2

(NAME-ADDR-LINE-2)

Contains the second line of name and address information associated with this account.

NAME AND ADDRESS LINE 3

(NAME-ADDR-LINE-3)

Contains the third line of name and address information associated with this account.

NAME AND ADDRESS LINE 4

(NAME-ADDR-LINE-4)

Contains the fourth line of name and address information associated with this account.

PROCESS DATE

(PROCESS-DATE) - Rec 01
(PROCESS-DATE-P) - Recs 02-13

Contains the date (MMDDYY) the client prepared this tape.

RECORD SEQUENCE

(RCD-SEQUENCE) - Rec 01
(RCD-SEQUENCE-P) - Recs 02-13

Always contains 01 for record 1; contains 02 for record 2, and so on.

SERVICE TYPE

(SERVICE-TYPE) - Rec 01
(SERVICE-TYPE-P) - Recs 02-13

Always contains **A**, the code that identifies this record as a coupon book request.

SERVICE-SEQUENCE

(SERVICE SEQUENCE) - Rec 01
(SERVICE-SEQ-P) - Recs 02-13

Contains the alphabetic ID code that Allison Payment Systems assigned to the institution for which coupon books are being processed.

TERM

(TERM-IN-MONTHS)

Not used. Zero-filled.

TOTAL PAYMENT AMOUNT

(TOTAL-PAYMENT-AMT)

The total amount of all payments for this loan.

TOTAL FINANCE AMOUNT

(TOTAL-FINANCE-AMT)

Not used. Zero-filled.

TOTAL NUMBER OF PAYMENTS

(TOTAL-NO-PAYMENTS)

The total number of payments that the institution has specified for this loan.

NUMBER OF COUPONS TO PRINT

(NO-OF-COUPONS-TO-PRINT)

The total number of coupons to generate for this account.

Loan Payment Schedules - Field Definitions

This file maintains up to 130 loan-payment schedules for each account. Schedules 1 and 2 are stored in record 1; schedules 3-123 are stored in records 2-12; and schedules 124-130 are stored in record 13.

Following is a description of the fields in each schedule.

NUMBER OF PAYMENTS

(NUMBER-OF-PAYMENTS)

The number of payments to be made during this payment schedule.

FIRST PAYMENT DATE

(1ST-PAYMENT-DATE)

The first payment date (MMDDYY) for this schedule.

PAYMENT AMOUNT

(PAYMENT-AMOUNT)

The payment amount in this schedule.

PAYMENT FREQUENCY

(PAYMENT-FREQUENCY)

Contains a code that specifies how often payment is required on this loan.

- 1 = Monthly payment (default)
- A = Annual payment

NOTE: If the frequency is other than monthly, a schedule is produced for each coupon. If the payment changes, a new schedule is produced for the schedule amount.

NUMBER OF GRACE DAYS

(DAYS-GRACE)

Specifies the number of days before a late charge is assessed.

LATE CHARGE AMOUNT

(LATE-CHARGE)

Specifies the charge to be assessed for a late payment. If the account is not subject to late charges, this field is zero-filled.

105740 — Statement Transaction Detail

Purpose

This feature enables AUTOBANK® to optionally precede debit transaction amounts on deposit account statements with a minus sign (e.g., -7.50, -10.00, etc.). When using this option, the transaction's description area is reduced to 43 characters instead of 44. This enables the maximum transaction amount to remain at $99,999,999.99.

New Fields

Header 07

Data name	Position	Picture	Usage
TRAN-DET-AMT-OPT-07	81	99	COMP
FILLER	82	X	

TRANSACTION DETAIL AMOUNT OPTION

(TRAN-DET-AMT-OPT-07)

Contains a code that specifies whether or not to print a minus sign in front of debit transaction amounts on deposit-account statements. Valid values are:

00 = Do not print a minus sign (default).

01 = Print a minus sign.

The SAM-Change mnemonic for this field is **TRANDETAMT**.

Note: This option does not apply to loan-account statements.

ABE Program Changes

Coding added to the following ABE program modules enables them to accommodate this feature:

- UHDPTSRC — Includes the new TRAN-DET-AMT-OPT-07 field on master file printouts.
- ABETMTRE — Saves the transaction amount as a signed field.
- ABER3450 — Prints a minus sign in front of debit amounts on the deposit account statements.

Wizard Modifications

The following Wizard screen enables the user to activate/deactivate this feature.

New Field

Reports

Header 07 Report

The Institution Product Parameters Master File Report (number 5112) now includes the new **Transaction Detail Amount Format Option**. A sample of the revised report follows.

```
BANK NBR:   0010      BRANCH NBR. RANGE    0001-0006      INSTITUTION PRODUCT PARAMETERS                            PAGE    5
REPORT NBR: 5112                                          MASTER FILE REPORT                                JULY     9, 1999

                                                         HEADER RECORD - 07


ACCOUNT 1 EDIT MASK                    ZZZZZZZZ99999999999     OVERDRAFT REPORT SEQUENCE OPTION                       03

ACCOUNT 2 EDIT MASK                    ZZZZZZ99-9999999-99     PRINT DORMANT ACCOUNTS ON TRIAL                        01

BALANCE TO PRINT ON TRIAL                            01       STANDARD PAPER PAGE LENGTH                             66

BANK/BRANCH NAME/ADDRESS PRINT ON NOTICE IND         00       STATEMENT CHECK SEQUENCE OPTION                        01

CHECK SEQUENCE OPTION                                00       STATEMENT DETAIL PRINT INDICATOR                       04

COM/CONCENTRATE/TRANSMIT INDICATOR                   00       STATEMENT PRINT BANK NAME/ADDRESS IND                  00

EXCEPTION ITEM FILE FORMAT OPTION                    02       STATEMENT SEQUENCE OPTION                              00

INTEREST CHECKS / REPORT INDICATOR                   02       STATEMENT SPREAD CHARACTER                              *

MESSAGE LOCATION CODE                                02       STATEMENT TRACER NUMBER INDICATOR                      01

NOTICE SEQUENCE OPTION                               00       SUBSEQUENT PAGE HEADING OPTION                         00

OFFSITE REPORTING CODE                                1       SUPPRESS EMPLOYEE DATA OPTION                          00

OPTIONAL TRIAL DATA INDICATOR                        01       TRANSACTION DETAIL AMOUNT FORMAT OPTION                01
```

Customer Statement

When the Header 07 Transaction Detail Amount Option is activated, the customer statement (report 3450) includes a minus sign in front of debit transaction amounts.

Following is a sample statement.

```
DATE DESCRIPTION                 SERIAL           AMOUNT  DATE      BALANCE
 4/01 ATM CASH WITHDRAWAL                          -10.00  PREV     3,506.87
      67 LANSDOWNE AVE  LANSDOWNE   1PA                     4/01     3,496.87
 4/02 DEPOSIT                                      153.00   4/02     3,649.87
 4/05 DEPOSIT                                      629.00   4/05     4,223.97
 4/05 POS PURCHASE                                 -54.90   4/09     4,373.97
      62-70 E. BALT WYCOLANSDOWNE     PA                    4/12     3,745.30
 4/09 DEPOSIT                                      150.00   4/13     4,046.36
 4/12 DEPOSIT                                       30.00   4/14     4,021.36
 4/13 DEPOSIT                                      350.00   4/15     3,996.01
 4/13 POS PURCHASE                                 -38.94   4/16     3,942.68
      62-70 E. BALT WYCOLANSDOWNE     PA                    4/19     3,413.88
 4/19 POS PURCHASE                                 -17.77   4/20     3,547.09
      63 NORTH UNION AVELANSDOWNE     PA                    4/21     3,490.38
 4/19 POS PURCHASE                                 -31.03   4/26     3,432.20
      62-70 E. BALT WYCOLANSDOWNE     PA                    4/27     3,392.35
 4/20 DEPOSIT                                      150.00   4/30     3,762.10
 4/20 POS PURCHASE                                 -16.79
      62-70 E. BALT WYCOLANSDOWNE     PA
 4/21 ATM CASH WITHDRAWAL                          -20.00
      23 E,BALTIMORE PIKLANDSDOWNE,   PA
 4/21 POS PURCHASE                                 -36.71
      62-70 E. BALT WYCOLANSDOWNE     PA
```

Minus signs on debit items.

110980 — Activate Overdraft Code for Savings Products

Purpose

This enhancement enables accounts set up under a savings plan product to become overdrawn through the use of Overdraft Code/Limit settings. Although this capability might be desired for accounts that use ATMs or Electronic Fund type debits, the legal implications for the type of the account should also be evaluated before implementing this feature.

Set up

To activate this feature for each account, you must use the Delivery Desktop application to set up the Overdraft Code and Limit fields with the appropriate values. To do so, perform the following steps.

1. Activate the Delivery Desktop application.

2. Access the account.

3. Select the **Features** tab.

4. Click the **In Use**, **Available**, or **All** button as appropriate to display a list that includes the "Overdrafts" feature and select it.

5. Click the **Change** button. The current settings of the overdraft related fields display.

6. Click the **Change Values** button.

7. Find the **Overdraft Type** and select the desired value.

8. Find the **Overdraft Limit** and enter the desired value.

9. Click **OK**.

Note: For new accounts in a given product, the Admin Desktop can be used to determine the default values to assign to the Overdraft Type and Overdraft Limit fields. If that is not done or the values desired for an account differ, it will be necessary to use a procedure similar to the above to modify the fields.

If you are using the Platform software for new accounts, you may also want to go into Bank Tailoring for the affected product and set

up the Overdraft Type and Overdraft Limit fields for entry and/or for default settings.

Tran Crit Considerations

If a bank wants to take advantage of this feature, it will be necessary to change the Transaction Criteria file to cause the appropriate transactions to check for and take advantage of the Overdraft Code and Overdraft Limit settings in the accounts. The bank should contact its customer service representative to determine what changes they need.

Following is a starting list of transactions that a bank may wish to change.

External Tran Code	Class Code Range	Description
145	2400-2899	ATM Cash Withdrawal
249	2400-2899	ATM Cash Withdrawal
3145	2400-2899	ATM Cash Withdrawal
3146	2400-2899	ATM Cash Withdrawal
3147	2400-2899	POS Purchase
3148	2400-2899	Electronic Transfer Withdrawal
3149	2400-2899	EFT Voice Response Withdrawal
3150	2400-2899	Internet Transfer Withdrawal
3158	2400-2899	ACH Payment

Suggested Modifications

For all of the above-listed tran codes, the following Tran Crit file changes are recommended:

- Remove validation elements 4032 and 4036.

- Add validation elements 4015, followed by element 4010 at the end of the other validation elements.

- Determine the class code range for the products that will honor the Overdraft Code.

- Keep the existing transaction definition for the class codes that do not honor Overdraft Code, and define copies of them with the indicated revisions for class codes that will honor the Overdraft Code and Overdraft Limit.

- If you want the transaction to check for funds and service charges (as does element 4010), but also wish to force post the transaction, replace element 4010 with element 4024.

Special Notes about Elements

- Element 4010 checks for Overdraft Code and Overdraft Limit and provides for funding from associated checkloan, same-day transfers, or sweep connections. It also provides for service charging returned items, items posted with insufficient funds, and items that generated an overline return check charge or overline charge.

- Element 4015 checks for NSF due to holds allowing for possible input from checkloan, same-day transfers, or sweep connections.

- Element 4032 does not check overdraft code settings.

- Element 4036 checks for NSF due to holds ignoring any checkloan, same-day transfers, or sweep connections that may be available.

Other Modifications

In order to honor the overdraft code, the bank may also wish to modify other debit transactions that post to these types of accounts. If so, the following transactions would require similar Tran Crit file changes:

Tran Code	Description
244	Returned Item Charge Back
250	Miscellaneous Debit Override
251	Miscellaneous Debit
253	Deposit Adjustment Debit
254	Automatic Transfer Debit
257	Customer Withdrawal
258	Customer Withdrawal.

CAUTION There may be validation considerations beyond those previously mentioned. For example, you may want to honor the overdraft code but not service charge; or you may want to force post the transaction ignoring available funds, etc.

Possible Header 20 Modifications

When introducing the use of the Overdraft Code, the user may wish to assess service charges for returned items and/or items paid when there are insufficient funds. In order to do so, the following Header 20 fields must be updated with the appropriate values:

- NSF Charge Code
- Overdraft Charge Amount
- NSF Charge Amount
- Returned Check Charge
- Uncollected Funds Post Option
- Uncollected Funds Reject Service Charge
- Uncollected Funds Post Service Charge
- Uncollected Funds Float Limit.

Before changing these fields, be sure to review the associated Header 20 field definitions found in the *ABE FILES BOOK* provided with this release.

111375 — ACH Settlement/Effective Date Report

Purpose

This feature enables AUTOBANK® to generate a new report (FED ACH Settlement Report) that lists both Settlement and Effective dates for incoming ACH items. The report's purpose is to assist institutions with reconciling their FED or Correspondent Bank statements on a daily basis.

Program Modifications

A new program (ACHRCAP) generates the new report. Using the records on the input Fedline ACH transaction file, the program compares the FRDABA number in the transaction to the FRDABA numbers set up in the institution's Header 08 records. When a match occurs, the program builds the appropriate report detail.

New Report

Following is a sample layout of the FED ACH Settlement Report 9984).

```
BANK NBR:   0040                          FED ACH SETTLEMENT REPORT                      PAGE    1
REPORT NBR: 9984                                                                        AUG   3, 1999


 FRDABA   BATCH NO.  SETL. DATE  EFFT. DATE      DEBITS          CREDITS      COMPANY          DATE DIFF. IND.

 3190204          1  99/07/16    99/07/15        237.64             0.00   AM INCOME LIFE            *
 3190204          8  99/07/16    99/07/16        308.37             0.00   AMHONDA RETAIL
 3190204          9  99/07/15    99/07/09          0.00             0.00   US TREASURY 349          *
 3190204         18  99/07/16    99/07/16         21.00             0.00   NEW YORK LIFE
 3190204         21  99/07/16    99/07/16          0.00         1,965.07   NOVUS SERVICES
 3190204         58  99/07/16    99/07/16          0.00           861.83   UCA CORP
 3190204         76  99/07/16    99/07/14          0.00           753.47   BANKCARD                 *
 3190204        135  99/07/16    99/07/16        128.50             0.00   PROGRESSIVE INS.
 3190204        138  99/07/16    99/07/16        152.12             0.00   PROGRESSIVE INS.
 3190204        226  99/07/16    99/07/16        546.00             0.00   PROGRESSIVE INS.
 3190204        242  99/07/16    99/07/16      3,227.85             0.00   SUN R & M
 3190204        274  99/07/16    99/07/15        100.00             0.00   PUTNAM S.I.P.            *
 3190204        352  99/07/16    99/07/16          0.00           885.88   WALLACE CPTR SRV
 3190204        380  99/07/16    99/07/16        150.00             0.00   041    VALUE B
 3190204        498  99/07/16    99/07/16        200.00             0.00   227    STAR ADV-B
 3190204        577  99/07/16    99/07/16         15.00             0.00   6012AMERICAN NAT
 3190204        590  99/07/16    99/07/16          0.00         1,040.35   JCI DATA PROCESS
 3190204        591  99/07/16    99/07/16          0.00             0.00   JCI DATA PROCESS
 3190204        654  99/07/16    99/07/16         50.00             0.00   598    THEME-B
 3190204        848  99/07/16    99/07/16      2,151.55             0.00   NATIONWIDE P&C
 3190204       1304  99/07/16    99/07/16         33.83             0.00   ZURICH KEMPER
 3190204       1305  99/07/16    99/07/16         50.00             0.00   LIFEUSA TRAC
 3190204       1398  99/07/16    99/07/16        148.26             0.00   RELIANT
 3190204       1627  99/07/16    99/07/16          0.00            86.07   MED CASH  SPS TP
 3190204       1817  99/07/16    99/07/16        117.64             0.00   IDS AMEX MPLS MN
 3190204       2117  99/07/16    99/07/16        100.00             0.00   770    KAUFMANN
 3190204      15250  99/07/16    99/07/16         21.91             0.00   NML INSURANCE
 3190204    4165388  99/07/16    99/07/16        545.20             0.00   PAYCHEX TPS
 3190204    4418429  99/07/16    99/07/16         14.35             0.00   FCL
 3190204    4497887  99/07/16    99/07/16          0.00             0.00   JH VARIABLE LIFE
 3190204    4522843  99/07/16    99/07/16         90.77             0.00   JH VARIABLE LIFE
 3190204    4533726  99/07/16    99/07/16         81.78             0.00   JHANCOCK LIFE
 3190204    4663509  99/07/16    99/07/16         64.22             0.00   JHANCOCK LIFE
 3190204    4706865  99/07/16    99/07/16         47.12             0.00   NATIONAL LIFE
 3190204    4717391  99/07/16    99/07/16         93.23             0.00   PHL HOMECOM 101

 FRDABA ACH TOTAL                             8,696.34         5,592.67
 FRDABA SETL/EFFT DATE DIFFERENCE               337.64           753.47


 BANK ACH TOTAL                               8,696.34         5,592.67
 SETL/EFFT DATE DIFFERENCE                      337.64           753.47
```

The report contents is arranged in ascending sequence according to the following keys: FRDABA number, batch number, settlement date, effective date, debits, credits, and company name.

```
BANK NBR:   0040                      FED ACH SETTLEMENT REPORT                          PAGE    2

REPORT NBR: 9984                                                                  AUG   3, 1999


              SETTLEMENT DATE RECAP TOTALS                    EFFECTIVE DATE RECAP TOTALS

          DATE       DEBIT       CREDIT              DATE       DEBIT       CREDIT


        99/07/15      0.00        0.00             99/07/09      0.00        0.00

        99/07/16    8,696.34    5,592.67           99/07/14      0.00       753.47

                                                  99/07/15     337.64        0.00

                                                  99/07/16    8,358.70    4,839.20
```

111427 — NSF Report Modification

Purpose

This feature enables the NSF Report (2010) to **optionally** include all service-charge detail for insufficient funds, overdraft, returned check, overline, checkloan advance, and return-check overline conditions. Formerly, the detail was **automatically** included **only** when the total service charges calculated during the run were greater than the Ledger Balance.

Program/Operations Modifications

Coding added to program ABETRNSC enables it to test for a new run option (`prtnsfodrc`) during Transaction Posting.

Run Option	Valid Values
`prtnsfodrc`	**n** = Do not include service-charge detail on report 2010 unless the total service charges calculated during the run exceed the Ledger Balance. (Default) **y** = Include service-charge detail on report 2010 regardless of the Ledger Balance and the total service charges calculated for the account.

Note: If the run option does not exist, processing continues as if it were set to **n**.

Report Modifications

Following is a sample of the report generated when option `prtnsfodrc`=**y.** Note the presence of service-charge activity (tran code 156).

```
INST NBR:   0010    BRANCH NBR: 0001           NSF REPORT                                              PAGE    1
REPORT NBR: 2010    OFFSITE CD: 0001                                                                  JULY  9, 1999

CLASS CODE         ACCOUNT NUMBER   DT OPEND   DT LAST DEP  DT LAST OD   AMT LAST DEP    OD LIMT/CD     RTN YTD/OD YTD
                                                                                        AVG CUR BAL YTD    OFCR
TRANCODE SER. NBR TRACE NBR   TRAN AMOUNT    BEG. BALANCE  ENDING BALANCE  REASON              DESCRIPTION          REMARKS

SONNY PERONNA                          HOME:  305 431 8511   BUSINESS: 305 921 7530
NICK  0011              01209645206    9/01/79    7/02/99    1/11/99         600.00      999999/ 3         0/   1
                                                                                           377.07
       158    6246      148        850.00        708.88        141.12- PAID                                    (       )
       156    6246      148         25.00                      166.12- PAID                                    (       )

MICHAEL  BUMPKIN                        HOME:  305 864 2161   BUSINESS: 000 000 0000
NICK  0011              01213576606    2/10/97    6/25/99    7/07/99       4,534.92      999999/ 3         0/   3
                                                                                         1,877.84        PA
       158     854      150        105.75        324.29-        430.04- PAID                                    (       )
       156     854      150         25.00                       455.04- PAID                                    (       )
       158     855      150         74.04                       529.08- PAID                                    (       )
       156     855      150         25.00                       554.08- PAID                                    (       )

NESTOR T GOOFOFF                        HOME:  305 531 3945   BUSINESS: 305 690 6041
NICK  0014              01213728506    8/03/98    6/11/99    7/09/99         584.17      999999/ 3        39/  12
                                                                                         1,507.32        AL
       158    5149     8210        288.00          .00         288.00- PAID                                    (       )
       156    5149     8210         25.00                      313.00- PAID                                    (       )
```

```
AMBER M JOHNSON                        HOME:  954 222 9112   BUSINESS: 000 000 0000
NICK  0014             06600040106     6/17/99    6/22/99    6/30/99        100.00      0/ 3        2/   1
                                                                                       277.50      24
        158   1109   7840      9.82       98.46-        108.28-  PAID                        (         )
        156   1109   7840     25.00                     133.28-  PAID                        (         )
        158   1101   7850     22.14                     155.42-  PAID                        (         )
        156   1101   7850     25.00                     180.42-  PAID                        (         )
        158   1107   7790     45.27                     225.69-  PAID                        (         )
        156   1107   7790     25.00                     250.69-  PAID                        (         )
        158   1106   7800     53.96                     304.65-  PAID                        (         )
        156   1106   7800     25.00                     329.65-  PAID                        (         )
        158   1108  18900     83.12                     412.77-  PAID                        (         )
        156   1108  18900     25.00                     437.77-  PAID                        (         )
```

111429 — Funds Drawn On Uncollected Monies

Purpose

This feature enables AUTOBANK® to optionally produce a new report (Funds Drawn On Uncollected Monies) which lists debit transactions drawn against uncollected funds. The report serves as a tool to help institutions decrease potential bank losses due to check fraud.

New Fields

Deposit Accounting (60DP) Record

To accommodate the new report, four fields have been added to the 60DP Record.

Data Name	Position	Picture	Usage
BEG-DAY-UNCOLL-FUNDS	1047	S9(9)V99	COMP
UNCOLL-FUNDS-USED-TDY	1053	S9(9)V99	COMP
TOT-DR-USE-UNCOLL-TDY	1059	9999	COMP
TOT-AMT-DR-USE-UNCOLL-TDY	1061	S9(9)V99	COMP

Following is a definition of each field.

BEGINNING OF DAY UNCOLLECTED FUNDS

(BEG-DAY-UNCOLL-FUNDS)

Initially zero-filled for a new account. When used, contains the amount of uncollected funds for this account at the beginning of the day. Extracted from Total Risk Float (TOT-RISK-FLT) in this record.

UNCOLLECTED FUNDS USED TODAY

(UNCOLL-FUNDS-USED-TDY)

Initially zero-filled for a new account. When used, contains the amount of uncollected funds used today for this account.

TOTAL NUMBER DEBITS USING UNCOLLECTED FUNDS TODAY

(TOT-DR-USE-UNCOLL-TDY)

AUTOBANK Release 3.2.6

Initially zero-filled for a new account. When used, contains the number of debit transactions that are using uncollected funds for this account.

TOTAL AMOUNT OF DEBITS USING UNCOLLECTED FUNDS TODAY

(TOT-AMT-DR-USE-UNCOLL-TDY)

Contains the total amount of all debit transactions that are using uncollected funds for this account.

Program Modifications

Transaction Posting

- ABEDPAL2 — New coding initially sets the four new fields to zero for a new deposit account.

- ABEDPALT — New coding loads the new fields with the appropriate values and triggers extracts for report 2417.

Daily Maintenance

- ABEMNTDP — New coding provides for new element processing associated with creating extract records for report 2417.

Report Processing

- ABETRNRE — Creates an extract record with the appropriate data for report 2417.

- ABEMNTRE — Creates an extract record with the appropriate data for printing report 2417.

- ABERMNST — Triggers the appropriate processing for report 2417 extracts.

- ABERNAME —Includes the name of report 2417 in the reports table (2000-2999).

- ABER5990 —Enables report 2417 to be included in the *Reports With No Activity* report (5990) report when necessary.

- ABER2417 — Prints report 2417.

Implementation Procedures

To implement this feature, perform the following steps for each appropriate user Organization Report Criteria option group.

1. To verify that an entry exists in the Header 07 Record to print report 2417, display the following Wizard Report Criteria screen.

Request for Report 2417

2. Set the R*eport Output Option* field to 1 (**To Printer**).

   Note: If the report is not desired, make sure the field is set to 0 (**Do NOT Output**) and do not perform the remaining steps.

3. Add Daily Maintenance Element **3042** to all of the appropriate Deposit product Headers as a **loosely coupled** element.

   Element 3042 is used to check the deposit account's Beginning Of Day Uncollected Funds (60DP Record) field to see if uncollected funds were used today for debit transactions. If so, Daily Maintenance triggers an extract record for report 2417.

Because element 3042 is loosely coupled, it must be placed in Header 20's loosely coupled table, which follows the tightly coupled table.   The following Wizard screen illustrates this input.

Add Element 3042 as loosely-coupled
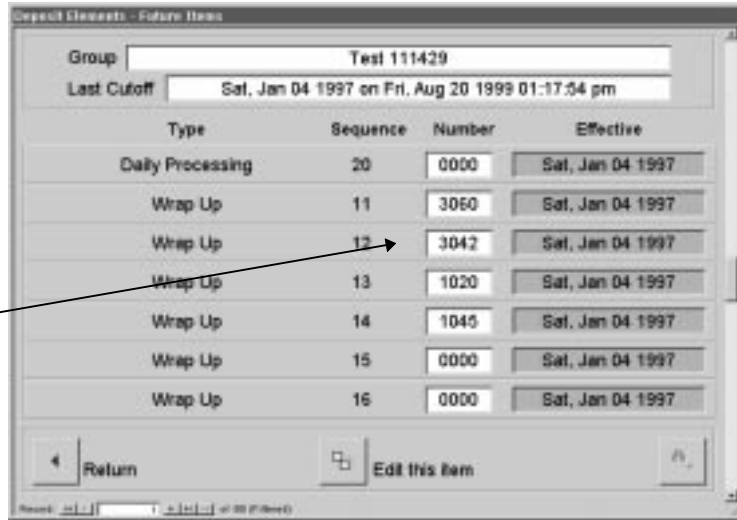
4. Using the PC Ancillary application, add Transaction Posting Element **4320**, **4321**, or **4322** to the Tran Crit file for every tran code that is to appear on report 2417. Whichever of these three elements you choose, make sure it is listed **BEFORE** the **Balance Update** element.

To assist you with selecting the appropriate Transaction Posting element, following is a brief discussion of each one.

- **4320** — Increments the Number of Items Paid With Float Money fields (60DP Record), ignoring Regulation CC. If items are paid with float money, Transaction Posting triggers an extract record for report 2417. Currently this element is used with the following transactions:

  0139, 0145, 0146, 0147, 0148, 0149, 0151, 0152, 0157, 0158, 0178, 0249, 0251, 0257, 0258, 0261, 0278, 0282, 0287, 0349, 0351, 0357, 0358, 1144, 1145, 1146, 1147, 1249, 1259, 1260, 1261, 1263, 1264, 1265, 1349, 1356, 1357, 1358, 1975, 1976, 1977, 1978, 1979, 1980, 1981, 1982, 1983, 1984, 1985, 1986, 1987, 1988, 1989, 1990, 1991, 1992, 1993, 1996, 1997, 2007, 2008, 2009, 2010, 2011, 2012, 2019, 2020, 2021, 2022, 2023, 2024, 2037, 2038, 2039, 2040, 2041, 2042, 2049, 2050, 2051, 2052, 2053, 2054, 2061, 2063, 3145, 3146, 3147, 3148, 3149, 3150, 3157, 3158.

If you wish to use this element with other transactions, it must be listed **BEFORE** the alteration criteria's **Balance Update Element**.

- **4321** — Increments the Number of Items Paid With Float Money fields (60DP Record) with a revocable debit that complies to Reg CC. If items are paid with float money, Transaction Posting triggers an extract record for report 2417.

  Currently, this element is not used with any of the released transactions. If you wish to include it, it must be listed **BEFORE** the alteration criteria's **Balance Update Element**.

- **4322** — Increments the Number of Items Paid With Float Money fields (60DP Record) with an irrevocable debit that complies to Reg CC. If items are paid with float money, Transaction Posting triggers an extract record for report 2417.

  Currently, this element is not used with any of the released transactions. If you wish to include it, it must be listed **BEFORE** the alteration criteria's **Balance Update Element**.

Following is an example of report 2417.

New Report

```
INST NBR:   0010   BRANCH NBR: 0001          FUNDS DRAWN ON UNCOLLECTED MONIES                    PAGE   1
REPORT NBR: 2417   OFFSITE CD: 0001                                                               AUG  24, 1999

ACCOUNT NBR.        NAME & ADDRESS 1           CURRENT BALANCE         1 DAY FLOAT  AVG FLOAT CYCLE       RET ITMS YTD
PROFIT CENTER       NAME & ADDRESS 2           BANK COLLECTED BALANCE  2 DAY FLOAT  ITMS PAID W/ FLT CYC  NSF YTD
CLASS CODE          NAME & ADDRESS 3           CUST COLLECTED BALANCE  3 DAY FLOAT  ITMS PAID W/ FLT YTD  TIMES OD YTD
OFFICER CODE        NAME & ADDRESS 4           HOLD AMOUNT             4-10 DAY FLOAT AVG BALANCE CYCLE   DAYS OD YTD
DATE OPENED         NAME & ADDRESS 5           BEG OF DAY FLT AMT      11-15 DAY FLOAT NBR OF DEBITS TODAY
                    NAME & ADDRESS 6           NOT AVAIL $ USED TODAY   FLOAT AMOUNT AMT OF DEBITS TODAY
--------------------  -------------------------------  ----------------------  --------------  ---------------------  ------------
          TRAN CODE    SERIAL NBR    TRACER NBR    TRAN AMT
          ------------------------------------------------------

       01088706406   SANDY B BELCHER                      823.43      826.03            336.61            1
0100                 OR JESSICA N BELCHER                102.60-         .00                 1            6
1025                 19638 E COUNTRY CLUB LN               2.60-         .00                16            4
AL                   AVENTURA        FL 33180              .00          .00            5,079.75           15
03-23-1998                                                826.03         .00                 1
                                           p__v             2.60      826.03            657.36

          158    00000528     00037850      657.36

       01101828206   RAYMOND W BOORSHEAD A S I D        4,255.61         .00          8,895.47            0
0100                 INTERNATIONAL DESIGNS, INC         1,708.56-    5,964.17               3             0
0110                 2988 GRIFFIN ROAD                  1,708.56-        .00              82             0
                     FT LAUDERDALE    FL 33312-5648         .00          .00         19,399.03            0
01-01-1978                                               5,964.17         .00               2
                                           p__v         1,708.56     5,964.17          1,950.73

          158    00025520     00018990      699.29
          158    00025541     00009160    1,251.44

       01103118806   WILLIAM C KOPPLY, MBA                  .00       700.00            531.83           48
0100                 2421 NE 199 ST                      800.00-         .00              14            18
1027                 N MIAMI BCH      FL 33180-1829      700.00-         .00              66             9
NO                                                         .00          .00             56.09           72
11-01-1980                                               800.00         .00               1
                                                          20.10      700.00             20.10

          158    00000238     00054410       20.10

       01105964806   WRITEDATA, CORP                  695,897.36         .00        153,833.09            2
0100                 701 BRICKELL AVENUE #1400         695,897.36         .00                5            0
0110                 MIAMI            FL 33131-2822    695,897.36         .00                5            0
AA                                                          .00          .00        819,862.92            0
01-30-1990                                          1,800,000.00         .00                5
                                                    1,104,102.64         .00      1,808,586.32

          158    00010623     00028330       85.00
          158    00010635     00062860      581.00
          151    00000000     00030650    1,807,859.57
          158    00010619     00034230       10.75
          158    00010627     00063630       50.00
      .              .              .              .                                     .
      .              .              .              .                                     .
      .              .              .              .                                     .

TOTALS  BRANCH NBR  TOTAL NOT AVAIL $ USED TODAY  TOTAL AMT OF DEBITS TODAY    TOTAL NBR OF DEBITS TODAY
        0001                 1,368,311.89                2,090,052.24                       139
```

111431 — Unknown Branch G/L Modification

Purpose

This feature works in conjunction with feature 111433 to optionally separate deposit and loan transaction detail provided on the Unposted Transaction Journal report (3010). It serves to assist bank personnel with researching and reconciling "Unknown Branch" items.

For more information about the report 3010 modifications, refer to feature **111433 — Unposted Transaction Report Modifications**, found elsewhere in this chapter.

New Bank Option

To activate this feature, the following new bank option must be activated in the Bank Options (bank.opt) file.

Run Option	Valid Value
`unknown-reject-decipher`	Indicates whether or not to separate deposit and loan detail on the Unposted Transaction Journal (3010). **no** = Do not separate the detail (default). **yes** = Separate the detail.

Program Modifications

Coding added to the following modules accommodates this feature.

- INPUTCAP — Processes the new `unknown-reject-decipher` bank option.
- INPUTVAL — Verifies debits from a mixed input batch.
- ABETLNRE and ABETRNRE — Sets the class code to 9998 in the common sort key .
- ABETRNGL and ABETLNGL — Sets the class code to 9998 in the transaction .

Note: Previously, the class code for unknown items was set to 9999.

New G/L Suspense Accounts

To better accommodate G/L for unknown items and to separate deposit and loans on report 3010, the following new suspense accounts now exist:

Account Number	Account Name
11779998	Deposit Unposted Suspense - Debits
12669998	Deposit Unposted Suspense - Credits
11789998	Loan Unposted Suspense - Debits
12679998	Loan Unposted Suspense - Credits

111433 — Unposted Transaction Report Modifications

Purpose

This feature works in conjunction with feature 111431 to optionally separate deposit and loan transaction detail provided on the Unposted Transaction Journal report (3010). It serves to assist bank personnel with researching and reconciling "Unknown Branch" items.

Previously, the Unposted Transaction Journal (report 3010) listed all unposted and unknown items together, making it difficult for bank personnel to resolve the activity. This feature enables AUTOBANK® to separate the report's contents into three categories: Unknown, Deposits, and Loans.

Program Modifications

Coding added to module ABE3010 accommodates the new and modified report-detail lines.

For information regarding modifications to additional programs, refer to feature **111431 — Unknown Branch G/L Modification**, found earlier in this chapter.

Report Modifications

When the system cannot differentiate between deposit and loan items, it prints the report with the following format. Note that:

- Prior to the account-detail, a new report heading (Application - Unknown) indicates the items are unknown.

- The four-character product abbreviation to the left of the class code defaults to **xxxx** (unknown).

- The class code for unknown items is always set to **9998**. Formerly, it was set to **9999**.

Unknown

```
INST NBR:   0010   BRANCH NBR: 0001            UNPOSTED TRANSACTION JOURNAL                           PAGE   1
REPORT NBR: 3010   OFFSITE CD: 0001                                                                  AUG 18, 1999


CLASS CODE         ACCOUNT NUMBER      BTCH NBR    TLLR NBR    TRAN CODE    UNPOSTED DATA/SERIAL NBR/TRACER NBR   ORIG BTCH
                   AVERAGE BALANCE     CRIT CODE   REAS CODE   REASON NOT POSTED                                          REMARKS
APPLICATION - UNKNOWN


XXXX  9998         00083615368         6666        0000        0022 C         622.78    26319103     97554       0001
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         00116739506         1111        0000        0158 D         200.00        3421     16150       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         00152084590         6666        0000        0022 C          32.75     5300021   5884668       2142
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01087877428         1111        0000        0202 C      40,000.00           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01108414615         1111        0000        0102 C      79,526.37           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01203623430         1111        0000        0202 C      55,000.00           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01213019406         1111        0000        0158 D         188.32        2818     31520       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01213804806         1111        0000        0147 D          39.58           0     20380       0000
                   $0.00               0001        3500        REJECTED IN INPUT
XXXX  9998                             1111        0000        0147 D         200.00           0     20390       0000
                   $0.00               0001        3500        REJECTED IN INPUT
XXXX  9998                             1111        0000        0147 D         300.00           0     20400       0000
                   $0.00               0001        3500        REJECTED IN INPUT
XXXX  9998                             1111        0000        0102 C         559.45           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01213908906         5011        0000        0129 N    0000030000~0`````````````````````      0000
                   $0.00               0001        3500        REJECTED IN INPUT
XXXX  9998                             1111        0000        0102 C       9,250.21           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01213909206         1111        0000        0102 C         500.00           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01304615506         1111        0000        0132 C     100,000.00           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT

XXXX  9998         01310464463         1111        0000        0725 C         392.15           0         0       0000
                   $0.00               0001        3500        REJECTED IN INPUT
```

Totals for Unknown Items

```
INST NBR:   0010   BRANCH NBR: 0001            UNPOSTED TRANSACTION JOURNAL                           PAGE   4
REPORT NBR: 3010   OFFSITE CD: 0001                                                                  AUG 18, 1999


UNKNOWN - TOTALS:


             EXTERNAL           EXTERNAL   EXTERNAL            EXTERNAL   INTERNAL         INTERNAL   INTERNAL        INTERNAL NON-DOLLAR
CLASS CODE   DB COUNT       DEBIT AMOUNT   CR COUNT       CREDIT AMOUNT   DB COUNT     DEBIT AMOUNT   CR COUNT   CREDIT AMOUNT      COUNT

XXXX  9998         25         51,273.47         22         394,336.95          0             0.00          0           0.00          6
      TOTAL        25         51,273.47         22         394,336.95          0             0.00          0           0.00          6


      TOTAL        25         51,273.47         22         394,336.95          0             0.00          0           0.00          6


DEBIT TOTL         25         51,273.47
CREDIT TOT         22        394,336.95
```

When the system can differentiate between incoming deposits and loan items, it prints the report with the following format. Note that:

- Prior to the account-detail, a new report heading (Application - Deposits) indicates the items are deposits.

- The appropriate four-character product abbreviation prints to the left of the class code.

- The appropriate class code prints to the right of the product abbreviation.

Deposits

Note: When the system cannot differentiate an entry between a debit or credit in a mixed batch, the item defaults to a debit.

```
INST NBR:  0010   BRANCH NBR: 0001              UNPOSTED TRANSACTION JOURNAL                              PAGE    5
REPORT NBR: 3010   OFFSITE CD: 0001                                                                  AUG  18, 1999


CLASS CODE              ACCOUNT NUMBER     BTCH NBR    TLLR NBR    TRAN CODE   UNPOSTED DATA/SERIAL NBR/TRACER NBR   ORIG BTCH
                        AVERAGE BALANCE    CRIT CODE   REAS CODE   REASON NOT POSTED                                            REMARKS
APPLICATION - DEPOSITS


MICHAEL R GORF
00CD  3051              01084959631        1111        0000          0258 D       49,300.17           0      30440     0000
                        $11,360.58         4032        2312        INSUFFICIENT FUNDS

00CD  3051              01084959632        1111        0000          0258 D       17,818.06           0      30420     0000
                        $4,105.53          4032        2312        INSUFFICIENT FUNDS

              EXTERNAL            EXTERNAL  EXTERNAL         EXTERNAL   INTERNAL             INTERNAL  INTERNAL           INTERNAL NON-DOLLAR
CLASS CODE DB COUNT         DEBIT AMOUNT  CR COUNT   CREDIT AMOUNT   DB COUNT      DEBIT AMOUNT  CR COUNT      CREDIT AMOUNT      COUNT

00CD  3051       2          67,118.23         0           0.00          0             0.00         0             0.00          0
CD    TOTAL      2          67,118.23         0           0.00          0             0.00         0             0.00          0


DEBIT TOTL       2          67,118.23
CREDIT TOT       0               0.00

JAMES BROWN
NICK  0011              01213711706        1111        0000          0158 D          12.00         547      5870      0000
                        $356.30            4010        1714        ASSOCIATED LOAN OVER CREDIT LINE

DOING BUSINESS AS WRITEDATA
NICK  0110              01106455206        1111        0000          0158 D         160.72        2315      55420     0000
                        $12,936.88         4015        2334        NSF DUE TO HOLDS
NICK  0110                                 1111        0000          0158 D         250.00        2310      21500     0000
                        $12,936.88         4015        2334        NSF DUE TO HOLDS

AMI LONG DISTANCE INC
NICK  0110              01106520606        1111        0000          0158 D          50.00       20700      6260      0000
                        $144,356.09        4015        2334        NSF DUE TO HOLDS
NICK  0110                                 1111        0000          0158 D          52.80       20477      60810     0000
                        $144,356.09        4015        2334        NSF DUE TO HOLDS
NICK  0110                                 1111        0000          0158 D          60.03       20587      56400     0000
                        $144,356.09        4015        2334        NSF DUE TO HOLDS
NICK  0110                                 1111        0000          0158 D          62.50       20576      5940      0000
                        $144,356.09        4015        2334        NSF DUE TO HOLDS
NICK  0110                                 1111        0000          0158 D         102.62       20659      54230     0000
                        $144,356.09        4015        2334        NSF DUE TO HOLDS
```

Totals for Deposit Items

```
INST NBR:   0010   BRANCH NBR: 0001          UNPOSTED TRANSACTION JOURNAL                                            PAGE    7
REPORT NBR: 3010   OFFSITE CD: 0001                                                                                 AUG  18, 1999


DEPOSITS - TOTALS:


              EXTERNAL             EXTERNAL EXTERNAL            EXTERNAL INTERNAL            INTERNAL INTERNAL           INTERNAL NON-DOLLAR
CLASS CODE DB COUNT         DEBIT AMOUNT CR COUNT          CREDIT AMOUNT DB COUNT       DEBIT AMOUNT CR COUNT      CREDIT AMOUNT     COUNT
00CD  3051        2           67,118.23        0                  0.00        0               0.00        0               0.00          0
CD    TOTAL       2           67,118.23        0                  0.00        0               0.00        0               0.00          0

NICK  0011        1               12.00        0                  0.00        0               0.00        0               0.00          0
NICK  0110       15           18,658.38        0                  0.00        0               0.00        0               0.00          1
INCK  1027        2            2,408.65        0                  0.00        0               0.00        0               0.00          0
CK    TOTAL      18           21,079.03        0                  0.00        0               0.00        0               0.00          1

00SV  2611        1            1,391.22        1                500.03        0               0.00        0               0.00          0
SV    TOTAL       1            1,391.22        1                500.03        0               0.00        0               0.00          0


      TOTAL      21           89,588.48        1                500.03        0               0.00        0               0.00          1


DEBIT TOTL       21           89,588.48
CREDIT TOT        1              500.03
```

Branch Totals

```
INST NBR:   0010   BRANCH NBR: 0001          UNPOSTED TRANSACTION JOURNAL                                            PAGE    8
REPORT NBR: 3010   OFFSITE CD: 0001                                                                                 AUG  18, 1999


BRANCH TOTALS:


              EXTERNAL             EXTERNAL EXTERNAL            EXTERNAL INTERNAL            INTERNAL INTERNAL           INTERNAL NON-DOLLAR
CLASS CODE DB COUNT         DEBIT AMOUNT CR COUNT          CREDIT AMOUNT DB COUNT       DEBIT AMOUNT CR COUNT      CREDIT AMOUNT     COUNT
XXXX  9998       25           51,273.47       22            394,336.95        0               0.00        0               0.00          6
      TOTAL      25           51,273.47       22            394,336.95        0               0.00        0               0.00          6

00CD  3051        2           67,118.23        0                  0.00        0               0.00        0               0.00          0
CD    TOTAL       2           67,118.23        0                  0.00        0               0.00        0               0.00          0

NICK  0011        1               12.00        0                  0.00        0               0.00        0               0.00          0
NICK  0110       15           18,658.38        0                  0.00        0               0.00        0               0.00          1
INCK  1027        2            2,408.65        0                  0.00        0               0.00        0               0.00          0
CK    TOTAL      18           21,079.03        0                  0.00        0               0.00        0               0.00          1

00SV  2611        1            1,391.22        1                500.03        0               0.00        0               0.00          0
SV    TOTAL       1            1,391.22        1                500.03        0               0.00        0               0.00          0


      TOTAL      46          140,861.95       23            394,836.98        0               0.00        0               0.00          7


DEBIT TOTL       46          140,861.95
CREDIT TOT       23          394,836.98
```

111435 — Return Item Chargeback Notice Modification

Purpose

This feature enables AUTOBANK® to include the Returned Item Service Charges on the Return Deposit Item Notice (report 2526). This informs the customer that the amount of the deposited item has been reversed from the account balance, and that the account has been assessed a service charge.

Program Modifications

Coding added to the following modules accommodates this feature.

- ABETRNSC — Obtains the service charge amount and stores it for processing.
- ABETRNRE — Builds the notice extract with the new service charge information.
- ABER2526 — Adds the new service-charge column to the 2526 notice.

Notice Modification

Following is an example of the revised 2526 notice.

```
         INVESTORS UNLIMITED
         123 MAIN STREET
         DAYTON              OH 45479-0001


            01234567890    CHECKING


         THE CHECK LISTED BELOW, WHICH WAS DEPOSITED TO
         YOUR ACCOUNT, HAS BEEN RETURNED BY THE DRAWEE
         BANK.  ACCORDINGLY, YOUR ACCOUNT HAS BEEN DEBITED
         BY THE INDICATED AMOUNT PLUS A SERVICE CHARGE.


            DATE              AMOUNT         CHARGE
         JUL 19,1999          $375.00        $15.00
         JUL 19,1999          $376.00        $15.00
         JUL 19,1999          $410.00        $15.00
```

New column

114423 — Loan Billing Statement

Purpose

With Release 3.2.4, the Loan Billing Statement (report number 3452) was enhanced and made available only for line-of-credit loans subject to Reg Z. With Release 3.2.6, this statement is also produced without Reg Z information for other than line-of-credit loans.

For line-of-credit loans, interest continues to be reported as it has in the past. For all other loans, interest is projected up to and including the due date.

Statement Samples

Example 1 — Reg Z Line-of-Credit Loan

Following is an example of the statement with Reg Z information for a line-of-credit loan.

```
                         FROM APR  01, 1999 TO APR  30, 1999
                              1-0100146-9-89     PAGE    1
                         0040


    YOUR MINIMUM PAYMENT OF       $394.17      PRINCIPAL          $118.72
    WILL BE DUE ON            MAY  20, 1999    INTEREST            $94.95
                                               PAST DUE           $180.50
                                               LATE CHARGES         $0.00
                                               OTHER CHARGES        $0.00
        SCOTT R. LOEW
        KRISTA S PETERS
        414 STRATHMORE DR.                     TOTAL DUE          $394.17
        HAVERTOWN          PA 19083




ACCOUNT NUMBER         1-0100146-9-89      Equity Lines

CREDIT LIMIT               $10,000.00      AVAILABLE CREDIT      $2,890.98

PAYMENT DUE DATE       MAY  20, 1999       PAYMENT DUE FOR MONTH   $213.67

CLOSING DATE           APR  30, 1999       PAYMENT PAST DUE        $180.50

DAYS IN CYCLE                   30         OTHER FEES DUE            $0.00

UNCOLLECTED LATE CHRGS       $0.00         MINIMUM PAYMENT         $394.17

** FINANCE CHARGE **        $56.97         SERVICE CHARGE FEES DUE   $0.00

PREV BAL + FINANCE CHARGE  $7,170.80       END BAL + FINANCE CHARGE $7,265.75

THE ** FINANCE CHARGE ** IS COMPUTED BY ADDING THE DAILY FINANCE CHARGE FOR THE
TOTAL NUMBER OF DAYS -030- IN THE BILLING PERIOD. THE DAILY FINANCE CHARGE IS
COMPUTED BY MULTIPLYING THE DAY'S DAILY BALANCE BY THE PERIODIC RATE IN
EFFECT FOR THAT DAY. TO FIGURE THE DAILY BALANCE, WE TAKE THE BEGINNING BALANCE
OF YOUR ACCOUNT EACH DAY, ADD ANY ADVANCES\PRINCIPAL DEBITS AND SUBTRACT ANY
PRINCIPAL\CREDITS.

THE DAILY PERIODIC RATE ON THIS LOAN MAY CHANGE IN ACCORDANCE WITH YOUR LOAN
AGREEMENT. THE PERIODIC RATE IN EFFECT FOR THIS BILLING PERIOD WAS  .00027633369

           THE ** ANNUAL PERCENTAGE RATE ** WAS  10.08618%
```

```
                              FROM APR  01, 1999 TO APR  30, 1999
                               1-0100146-9-89     PAGE    2
                              0040




         SCOTT R. LOEW
         KRISTA S PETERS
         414 STRATHMORE RD.
         HAVERTOWN          PA 19083




*********************************************************************************

ACCOUNT NUMBER         1-0100146-9-89      Equity Lines


****************************** ACCOUNT ACTIVITY ********************************

      PREVIOUS   ADVANCES +    PAYMENTS +     CREDIT  PAID FINANCE      CLOSING
      BALANCE  OTHER DEBITS OTHER CREDITS   LIFE INS      CHARGES      BALANCE

     $7,109.02        $0.00        $0.00      $0.00       $56.97    $7,109.02

*** NO ACTIVITY ***
```

Example 2 — Non-Reg Z, Non-Line-of-Credit Loan

Following is an example of the statement without Reg Z information for other than a line-of-credit loan.

```
                               FROM OCT  24, 1998 TO APR  30, 1999
                                1-0100320-8-67     PAGE    1
                               0040


    YOUR MINIMUM PAYMENT OF       $764.36      PRINCIPAL        $495.55
    WILL BE DUE ON           MAY  07, 1999     INTEREST         $268.81
                                               PAST DUE           $0.00
                                               LATE CHARGES       $0.00
                                               OTHER CHARGES      $0.00
         VIC MARTIN
         ANGEL MARTIN
         P.O. BOX 66                           TOTAL DUE        $764.36
         UPPER DARBY       PA 19082




ACCOUNT NUMBER         1-0100320-8-67      Commercial Real Estate

PAYMENT DUE DATE       MAY  07, 1999      PAYMENT DUE FOR MONTH     $764.36

CLOSING DATE           APR  30, 1999      PAYMENT PAST DUE            $0.00

DAYS IN CYCLE                     89      OTHER FEES DUE              $0.00

UNCOLLECTED LATE CHRGS         $0.00      MINIMUM PAYMENT           $764.36

                                          SERVICE CHARGE FEES DUE     $0.00
```

```
                                FROM OCT  24, 1998 TO APR  30, 1999
                                   1-0100320-8-67     PAGE    2
                                0040




         VIC MARTIN
         ANGEL MARTIN
         P.O. BOX 66
         UPPER DARBY        PA 19082




******************************************************************************

ACCOUNT NUMBER          1-0100320-8-67    Commercial Real Estate


****************************** ACCOUNT ACTIVITY ********************************

      PREVIOUS                                             CLOSING
      BALANCE        DEBITS       CREDITS                  BALANCE

   $49,112.18        $0.00     $4,586.16                 $46,715.06

  DATE DESCRIPTION              SERIAL         AMOUNT  DATE       BALANCE
11/02 PAYMENT                                  764.36  PREV    49,112.18
       ---- PAYMENT DISTRIBUTION ----                  11/02   48,728.44
       -INTEREST DISTRIBUTION                  380.62 12/04    48,329.06
       -PRINCIPAL DISTRIBUTION                 383.74  1/06    47,938.95
12/04 PAYMENT                                  764.36  2/04    47,546.02
       ---- PAYMENT DISTRIBUTION ----                   3/08   47,114.18
       -PRINCIPAL DISTRIBUTION                 399.38  4/09    46,715.06
       -INTEREST DISTRIBUTION                  364.98
 1/06 PAYMENT                                  764.36
       ---- PAYMENT DISTRIBUTION ----
       -PRINCIPAL DISTRIBUTION                 390.11
       -INTEREST DISTRIBUTION                  374.25
 2/04 PAYMENT                                  764.36
       ---- PAYMENT DISTRIBUTION ----
       -PRINCIPAL DISTRIBUTION                 392.93
       -INTEREST DISTRIBUTION                  371.43
 3/08 PAYMENT                                  764.36
       ---- PAYMENT DISTRIBUTION ----
       -PRINCIPAL DISTRIBUTION                 431.84
       -INTEREST DISTRIBUTION                  332.52
 4/09 PAYMENT                                  764.36
       ---- PAYMENT DISTRIBUTION ----
       -PRINCIPAL DISTRIBUTION                 399.12
       -INTEREST DISTRIBUTION                  365.24
```

Example 3 — Mortgage Loan With Escrow

Following is an example of the statement for a mortgage loan that carries an escrow balance.

```
                         FROM OCT  24, 1998 TO APR  30, 1999
                             1-0100320-8-67     PAGE    1
                         0040


    YOUR MINIMUM PAYMENT OF       $764.36      PRINCIPAL           $413.80
    WILL BE DUE ON          MAY  07, 1999      INTEREST            $350.56
                                               PAST DUE              $0.00
                                               LATE CHARGES          $0.00
                                               OTHER CHARGES         $0.00
         VIC MARTIN
         ANGEL MARTIN
         P.O. BOX 66                           TOTAL DUE           $764.36
         UPPER DARBY        PA 19082




 ACCOUNT NUMBER          1-0100320-8-67     Commercial Real Estate

 PAYMENT DUE DATE        MAY  07, 1999      PAYMENT DUE FOR MONTH      $764.36

 CLOSING DATE            APR  30, 1999      PAYMENT PAST DUE             $0.00

 DAYS IN CYCLE                      89      OTHER FEES DUE               $0.00

 UNCOLLECTED LATE CHRGS         $0.00       MINIMUM PAYMENT            $764.36

                                            SERVICE CHARGE FEES DUE      $0.00

                                            ESCROW BALANCE         $123,456.99
```

Printed only
if the loan has
escrow.

115201 — Wizard Security

Purpose

This feature provides log-in security for the AUTOBANK® Wizard desktop. Previously, the Wizard was run in an offline mode with no security provisions. Because of this enhancement, users will no longer be able to run the Wizard in an offline mode.

Implementation Considerations

As a result of this enhancement, the user must be set up in the Security Desktop as a Wizard Supervisor and be connected to the Delivery database. This requires the following activities.

1. Using the AUTOBANK® Security Desktop, establish the user with the role of **Wizard Supervisor**.

   For instructions on this process, refer to the *AUTOBANK® User Security Desktop User Guide* provided with this release.
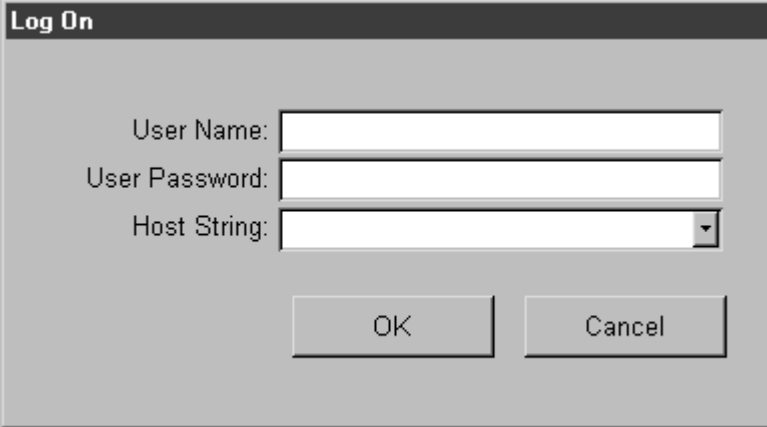
2. Prior to using the Wizard with Release 3.2.6, Oracle objects for OLE must be installed on the Wizard client.

   The Wizard client's ORACLE configuration **must** include the Oracle Objects for OLE v.2.3.0.2.0. The objects are included in the ORACLE Client standard installation.

   - If you do not have Oracle 8.05 installed, you should install <u>only</u> the Oracle objects for OLE — not the complete Oracle installation.
   - If you have Oracle 8.05 installed without the Oracle objects for OLE, use the **Oracle Installer** to install them.

3. The database group's grants directory must include the `AB_WIZARD_GRANTS.sql` grants script. The call to run the script must also be added to the appropriate run script.

New Sign-On Procedures

After you launch the Wizard application and successfully connect to the Delivery database, the **Log On** screen displays.

```
┌─────────────────────────────────────────────────┐
│ Log On                                           │
├─────────────────────────────────────────────────┤
│                                                  │
│                                                  │
│      User Name: [                            ]   │
│  User Password: [                            ]   │
│    Host String: [                         ] [▼]  │
│                                                  │
│                                                  │
│              [    OK    ]    [  Cancel  ]        │
│                                                  │
└─────────────────────────────────────────────────┘
```

Complete this screen with the following information.

NOTE   You may attempt access up to three times. After a third unsuccessful attempt, the Wizard shuts down.

User Name

This field defaults to the Windows logon name. Enter your AUTOBANK® user name.

User Password

Enter your AUTOBANK® user password.

Host String

Initially, this field is blank. The first time you sign on, you must enter the appropriate database name. During each subsequent session, you may select a database name from the drop-down menu.

Note: Each time you enter a database name in this field, the system stores it in the WizDbName.txt file, which is located in the same directory as the Wizard application database.

Chapter 6

Wizard Modifications

Wizard Modifications

This chapter provides a brief description of the changes that have been applied **only** to the AUTOBANK® Wizard application for Release 3.2.6.

TARs Resolved

- **114895** — Rates message indicating duplicated interest rate received in error

- **115062** — Changed the three-digit bank number to a two-digit bank number

- **117731** — Incorrect abeinit parameter in the WizBuild01ANNN.bat. Altered the WizBuild01ANN.bat file by changing the '-b' to NN and adding the '-s XXXX' options to the abeinit command line.

- **117740** — The Wizard setup title bar displays incorrect version numbers. Changed the setup.exe to display the full release number.

- **117742** — No migration option in the Custom installation of WizServer. Changed the setup.exe to include a separate migration component.

- **117748** — Setup.exe of WizServer3.2.5 fails to install wizard server. Modified setup.exe to always replace the migration program (not just when the file date is greater).

- **117752** — Problem in WizBuild01ANNN.bat file. Altered the 'rmdir' commands in the WizBuild01ANNN.bat file to execute only if the file exists.

- **118172** — WizServerInstall - An initial install does not build the WizFileIn directory. Added a note and an example to the wizbuild01ANN.bat file explaining the use of the '-c' abeinit option when installing to a path that does not exist.

- **119119** — Migration can loop when canceling password message. Removed the code for an informational message that caused the looping from the migration program.

RFCs Resolved

For information regarding these Wizard-related RFCs, refer to their respective feature write-ups found in Chapter 5.

- **111429** — Funds Drawn on Uncollected Monies

- **115201** — Wizard Security

Y2K TARs

Y2K Implications

For AUTOBANK® Release 3.2.6, the following TARs have Y2K implications:

- 114634
- 116318

The AUTOBANK® Development Software Integration team has completed Y2K testing for all of these items.

NCR   User Feedback Form

Title: AUTOBANK® Release 3.2.6 Document

Number: **Issue:**   **Date:** September, 1999

NCR welcomes your feedback on this publication. Your comments can be of great value in helping us improve our information products.

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Completeness	5	4	3	2	1	0	2 = Fair
Organization	5	4	3	2	1	0	1 = Poor
Appearance	5	4	3	2	1	0	0 = Not applicable
Examples	5	4	3	2	1	0	
Illustrations	5	4	3	2	1	0	
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