

Release 1592
Detailed Design
Service Request 16932

Generalized Direct Deposit GTN

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Introduction

Service Request 16932

In Release 1487, TIAA-CREF ScholarShare was established as an organization using the Direct Deposit Gross-to-Net method in the Payroll/Personnel System (PPS). In order to accommodate the remittance arrangement for ScholarShare specifically, the existing ACH mechanism was modified such that ScholarShare deductions were processed so as to direct deposit individual GTN deductions through multiple ACH transactions to the appropriate financial institution involved. Release 1487 also established the ability to record the employee's individual account number associated with a GTN, in a new Direct Deposit GTN (DDG) table on the Employee Data Base (EDB). The ability to update this information was limited to batch transactions received from the TIAA-CREF ScholarShare.

General Description of Proposed Changes

There is a need to extend the ACH process established in Release 1487 such that it is made available in conjunction with other organizations such as credit unions, and banks using the Direct Deposit GTN method.

In order to accomplish this, the ability to record individual account numbers associated with GTNs which are identified as 'direct deposit GTNs' is required. The Direct Deposit GTN data should be updateable in both the on-line and batch environments. Batch update was made available in release 1487 via the 'DG' transaction. These requirements will specify the creation of on-line entry/update screens, along with appropriate edits on the data.

In addition, several references to 'Surepay' will be removed. Surepay is a proprietary term used by Wells Fargo, and should not be used to apply to non-Wells Fargo direct deposit activity. Note however that the name of the existing Surepay Bank Table will not be changed as part of this project.

Data Elements

All the required data elements to implement a generalized direct deposit process were added in release 1487.

Data element EDB 0785 was added with the data element name "Direct Deposit GTN Surepay Bank Key". "Surepay" is a proprietary term used by Wells Fargo, and should not be used to apply to non-Wells Fargo direct deposit activity. This data element name should be changed in the Data Dictionary and in on-line help to remove the reference to Surepay. Thus, the data element name should be changed to "Direct Deposit GTN Bank Key".

On-line Screens

Two new CICS screens (IDDG and EDDG) must be developed for display and update of DDG data.

The creation of a Web EDB Inquiry screen is not being requested at this time.

Sample screen layouts (Attachments A and B) are in the Attachment section.

On-line Help

Field-level help should be provided for all data elements on the screen based on existing data dictionary definitions. Additionally, the ability to go to the Surepay Bank Table to view valid values should be provided on the IDDG and EDDG screen for data element 0785 (Direct Deposit GTN Bank Key). Screen-level help should be provided for the IDDG and EDDG screens.

EDB File Maintenance Edits

Release 1487 added minimal edits for the DDG data. Additional edits should be added and existing edits modified in support of on-line update of DDG data. Some of these edits may have been tailored specifically to the ScholarShare GTN, and these should be made available to any GTN where the Direct Deposit Indicator is 'Y'.

Maximum DDG Entries Edit

Currently, DDG array processing is controlled by the maximum number of DDG entries defined in copy members CPWSIC2 and CPWSXIDC.

Release 1487 established a limit of 10 DDG entries per employee, "...to limit unneeded array processing". It should be determined during the design phase whether this limit should be increased. At this time, only the ScholarShare deduction and the upcoming 457(b) deductions have been positively identified as needing the Direct Deposit GTN process, but future possibilities that have been mentioned are Fidelity 403(b) and DCP deductions, and credit unions.

NACHA File Processing – Direct Deposit GTN Related

The process that recognizes GTNs to be included in ACH files must be modified to recognize GTNs where the new Direct Deposit GTN Indicator field (on the GTN Table) is "Y", and to include the following associated Direct Deposit GTN Account information on ACH file records:

- EDB 0783 – Direct Deposit GTN Account Number
- EDB 0784 – Direct Deposit GTN Account Type
- EDB 0785 – Direct Deposit GTN Bank Key

In addition, to assign the Transit Routing Number to the ACH file records, the value in EDB 0782 – Direct Deposit GTN Bank Transit Number should be used if the Direct Deposit GTN Bank Key is not provided (blank). If the Direct Deposit GTN Bank Key is provided on the DDG table, then the Transit Number from the Surepay Bank Table should be used.

This process must create a separate batch for each unique organization using the Direct Deposit GTN method.

New Control Tables for Direct Deposit Activity

In addition to the requirements specified in Service Request 16932, it is proposed that the NACHA Prenote and Deposit information currently stored in copy member CPWSXNGO be moved to the DB2 Control Table(s). This should provide ease of maintenance for the establishment of future direct deposit deductions. Thus, neither programming nor copy member changes will be necessary.

Overview

Data Elements

Release 1487 added data element EDB 0785 with a data element name of “Direct Deposit GTN Surepay Bank Key”.

This data element name will be changed in the Data Dictionary and in on-line help to remove the reference to Surepay. The data element name will be changed to “Direct Deposit GTN Bank Key”.

CICS On-Line Screens

On-line Screens EDDG and IDDG will be developed for display and update of DDG data.

EDB Update Screen ‘EDDG’

A new EDB Entry/Update screen will be created to allow entry/update of Direct Deposit GTN data. This screen should include the following data elements:

- EDB 0780 - GTN For Direct Deposit Deductions
- EDB 0782 – Direct Deposit GTN Bank Transit Number
- EDB 0783 – Direct Deposit GTN Account Number
- EDB 0784 – Direct Deposit GTN Account Type
- EDB 0785 – Direct Deposit GTN Bank Key

See screen layout (Attachment A).

Inquiry Screen ‘IDDG’

A new EDB Inquiry screen will be created to display the employee’s Direct Deposit GTN data. This screen will include the following data elements:

- EDB 0780 - GTN For Direct Deposit Deductions
- EDB 0782 – Direct Deposit GTN Bank Transit Number
- EDB 0783 – Direct Deposit GTN Account Number
- EDB 0784 – Direct Deposit GTN Account Type
- EDB 0785 – Direct Deposit GTN Bank Key

See screen layout (Attachment B).

CICS On-line Help

Field-level help will be provided for all data elements on the screen based on data dictionary definitions. Additionally, the ability to go to the Surepay Bank Table to view valid values will be provided on the IDDG and EDDG screen for data element 0785, the Direct Deposit GTN Bank Key.

Screen-level help will be provided for the IDD and EDDG screens.

EDB File Maintenance Edits

Additional edits will be added and existing edits modified in support of on-line update of DDG data. Some of these edits may have been tailored specifically to the ScholarShare GTN, and these should be made available to any GTN where the Direct Deposit Indicator is 'Y'.

NACHA File Processing - Direct Deposit GTN Related

The process in PPP430 that recognizes GTNs to be included in ACH files must be modified to recognize GTNs where the new Direct Deposit GTN Indicator field (on the GTN Table) is "Y", and to include the following associated Direct Deposit GTN Account information on ACH file records:

EDB 0783 – Direct Deposit GTN Account Number
EDB 0784 – Direct Deposit GTN Account Type
EDB 0785 – Direct Deposit GTN Bank Key

In addition, to assign the Transit Routing Number to the ACH file records, the value in EDB 0782 – Direct Deposit GTN Bank Transit Number should be used if the Direct Deposit GTN Bank Key is not provided (blank). If the Direct Deposit GTN Bank Key is provided on the DDG table, then the Transit Number from the Surepay Bank Table should be used.

This process must create a separate batch for each unique organization using the Direct Deposit GTN method.

New DB2 Control Tables for Direct Deposit Activity

Copy member CPWSXNGO contains [NACHA Prenote and Deposit information](#) for Fidelity deductions. Release 1487 added direct deposit information related to ScholarShare to the existing copy member CPWSXNGO.

The existing NACHA Organization data from the CPWSXNGO copy member will be moved to two new DB2 Control Tables.

The NACHA Organization data must first be loaded to the PPPNGO Table. Each Organization row will be identified with a unique Link Number. The second DB2 table named PPPNGL will contain the GTN Number and the Link Number. For each unique GTN Number defined on this table, a Link number value will be established which will point to the same Link Number of the Organization row on the PPPNGO Table. A new utility program will be developed to take the NACHA Organization data from the two DB2 CTL tables, and populate the internal arrays for other processes to access.

System File Changes

The existing NACHA Organization data that resides in the CPWSXNGO copy member will be moved to two new DB2 Control Tables, the PPPNGO and PPPNGL Tables.

The NACHA Organization data must first be established on the PPPNGO Table. This DB2 table will contain the same data as the data defined for the XNGO-ORG-ROWS Array. Each NACHA Organization row will be identified with a unique Link Number (Key). The following items will be established on the PPPNGO Table.

- Link Number (key field)
- Prenote Indicator
- Prenote Cycle Type
- Prenote Routing Number
- Prenote Check Digit
- Prenote Bank Account
- Prenote Pay End Date
- Prenote Individual ID

- Organization Name
- Organization Group Sort Code

- Deposit Routing Number
- Deposit Check Digit
- Deposit Bank Account
- Deposit First Pay Period End Date Range
- Deposit Last Pay Period End Date range

- Process Negative Amount Accept Indicator
- Process Addenda Record Required Indicator
- Process Format Routine

The second table named PPPNGL will contain the GTN Number and the Link Number. For each unique GTN Number defined on this table, the Link Number value will be used to access the appropriate Organization data row on the PPPNGO Table. The following items will be established on the PPPNGL Table.

- Link Number (key field)
- Link GTN Number (key field)

Note that deleting a particular row on the PPPNGO Table will cause the automatic deletion of all rows in the PPPNGL Table with the same Link Number value.

Related Direct Deposit Data on PPPNGO/PPPNGL Tables

Currently, CPWSXNGO contains the Prenote and Deposit data related to ScholarShare as follows:

- Link Number (Occurrence 7)
- Prenote Indicator ('N')
- Prenote Cycle Type (blank)
- Prenote Routing Number (00000000)

Prenote Check Digit (0)
Prenote Bank Account (blank)
Prenote Pay End Date (000000)
Prenote Individual ID (blank)

Organization Name (Scholarshare)
Organization Group Sort Code (L)

Deposit Routing Number (00000000)
Deposit Check Digit (0)
Deposit Bank Account (blank)
Deposit First Pay Period End Date Range (030103)
Deposit Last Pay Period End Date range (999999)

Process Negative Amount Accept Indicator (N)
Process Addenda Record Required Indicator (N)
Process Format Routine Number (04)

The Direct Deposit data above for ScholarShare will be loaded into the PPPNGO and PPPNGL Tables. It is presumed that the data values loaded into the PPPNGO and PPPNGL Tables for future Direct Deposit GTNs will be similar to the direct deposit data for ScholarShare, except for Link Number, Organization Group Sort Code and possibly the Process Format Routine Number. *Note that the Organization Group Sort Code value is used in PPP430 to sort and separate batches for each unique organization in the Direct Deposit GTN Process.*

DDL Members

The standard DDL members defining the tablespaces, tables, indexes and views for the PPPNGO and PPPNGL tables will be created.

TSNGO00C

This member will contain the DDL statements to create the table space for table PPPNGO.

TBNGO00C

NACHA GTN Organization Table (PPPNGO)

This member will contain the DDL statements to create Table PPPNGO. The table will contain the following columns:

```
CREATE TABLE PPPNGO
(NGO_LINK                SMALLINT                NOT NULL,
 NGO_PRENOTE_IND        CHAR(1)                NOT NULL WITH DEFAULT,
 NGO_PRENOTE_CYC_TP     CHAR(02)                NOT NULL WITH DEFAULT,
 NGO_PRENOTE_RTE_NB     DECIMAL(8,0)            NOT NULL WITH DEFAULT,
 NGO_PRENOTE_CHK_DG     DECIMAL(1,0)            NOT NULL WITH DEFAULT,
 NGO_PRENOTE_BNK_AC     CHAR(17)               NOT NULL WITH DEFAULT,
 NGO_PRENOTE_END_DT     DATE                    NOT NULL,
 NGO_PRENOTE_IDV_ID     CHAR(15)               NOT NULL WITH DEFAULT,
 NGO_ORG_NAME           CHAR(13)               NOT NULL WITH DEFAULT,
 NGO_ORG-GROUP_SORT     CHAR(1)                NOT NULL WITH DEFAULT,
 NGO_DEPOSIT_RTE_NB     DECIMAL(8,0)            NOT NULL WITH DEFAULT,
 NGO_DEPOSIT_CHK_DG     DECIMAL(1,0)            NOT NULL WITH DEFAULT,
 NGO_DEPOSIT_BNK_AC     CHAR(17)               NOT NULL WITH DEFAULT,
 NGO_DEP_END_DT_FST     DATE                    NOT NULL,
 NGO_DEP_END_DT_LST     DATE                    NOT NULL,
 NGO_PROC_NEG_IND       CHAR(1)                NOT NULL WITH DEFAULT,
 NGO_PROC_ADDN_IND      CHAR(1)                NOT NULL WITH DEFAULT,
 NGO_PROC_FRMT_RTE      CHAR(2)                NOT NULL WITH DEFAULT,
 NGO_LAST_ACTION        CHAR(1)                NOT NULL WITH DEFAULT,
 NGO_LAST_ACTION_DT     DATE                    NOT NULL,
 PRIMARY KEY
 (NGO_LINK))
IN PPPCTL.PPPNGL      ;
```

IXNGO00C

This member will contain the DDL statements to create index for table PPPNGO.

PPPVZNGO

This member will contain DDL statements to create the view of table PPPNGO.

TSNGL00C

This member will contain the DDL statements to create the table space for table PPPNGL.

TBNGL00C

NACHA GTN Organization Link Table (PPPNGL)

This member will contain the DDL statements to create Table PPPNGL. The table will contain the following columns:

```
CREATE TABLE PPPNGL
(
    NGL_LINK          SMALLINT  NOT NULL,
    NGL_GTN           CHAR(3)   NOT NULL,
    NGL_LAST_ACTION   CHAR(1)   NOT NULL WITH DEFAULT,
    NGL_LAST_ACTION_DT DATE     NOT NULL
    PRIMARY KEY (NGL_LINK, NGL_GTN),
    FOREIGN KEY (NGL_LINK)
    REFERENCES PPPNGO ON DELETE CASCADE)
IN PPPCTL.PPPNGL      ;
```

IXNGL00C

This member contains the DDL statements to create index for table PPPNGL.

PPPVZNGL

This member will contain DDL statements to create the view of table PPPNGL.

Include Members

PPPVZNGO

The standard Include member contains the COBOL fields and DB2 columns for a table row in the PPPNGO Table.

PPPVZNGL

The standard Include member contains the COBOL fields and DB2 columns for a table row in the PPPNGL table will be created.

Bind Members

PPNGOUT2

A package bind member will be created for the new utility program PPNGOUT2.

PPP004

The plan bind for PPP004 will be modified to add the necessary members for SQL active modules related to processing the PPPNGO table:

- PPCTNGOE
- PPCTNGOU
- PPCTNGLE
- PPCTNGOU
- PPCTR45

PPP080

The module PPNGOUT2 will be added to the list of bind members.

PPP120

The module PPNGOUT2 will be added to the list of bind members.

PPP420

The module PPNGOUT2 will be added to the list of bind members.

PPP430

The module PPNGOUT2 will be added to the list of bind members.

PPP520

The module PPNGOUT2 will be added to the list of bind members.

PPP530

The module PPNGOUT2 will be added to the list of bind members.

PPWEDDG

A package bind member will be created for the new screen detail processor PPWEDDG.

PPWIDDG

A package bind member will be created for the new screen detail processor PPWIDDG.

Copy Members

CPCTNGLI

A copy member will be created to define the NACHA GTN/Link Table inputs for the PPPNGL Table.

CPCTNGOI

A copy member will be created to define the NACHA GTN Organization Table inputs for the PPPNGO Table.

CPLNKNGO

A copy member will be created to serve as linkage between new module PPNGOUT2 and the calling programs.

It will contain the following information to return to the calling program for appropriate action:

- Data from PPPNGO and PPPNGL Tables completely loaded (return code of 0) or
- Data from one of two tables loaded (return code of 70) or
- Number of rows to load exceeded the maximum load limit (return code of 80) or
- A DB2 error has occurred (return code of 90)

CPWSEDDG

Existing copy member CPWSEDDG defines working storage for an array of PPPDDG rows for a single Employee ID. Note that the OCCURS value must match IDC-MAX-NO-DDG in copy members CPWSXIC2 and CPWSXIDC.

The OCCURS 10 will be changed to OCCURS 12.

CPWSGETM

This copy member contains the linkage to communicate with program PPGETMN.

The Resource ID for the DB2 PPPNGO and PPPNGL tables will be added to this copy member.

CPWSRNGL

The fields defined in this copy member will be initially replicated from copy member CPWSXNGO. Thus, existing programs currently referencing those field names will not have to be changed where possible. Note that the two arrays defined in existing copy member CPWSXNGO will be separated into two new copy members (CPWSRNGL and CPWSRNGO).

The array defined in this copy member will contain the following data:

- GTN Number
- Link Number
- Direct Deposit Indicator

CPWSRNGO

The fields defined in this copy member will be initially replicated from copy member CPWSXNGO. Thus, existing programs currently referencing those field names will not have to be changed where possible.

The fields defined in this copy member will contain the following data:

- Organization Link
- Organization Name
- Organization Sort Code
- Organization Level Prenote Indicator

- Organization Prenote Transit Routing Number
- Organization Prenote Transit Routing Number
- Organization Prenote Check Digit
- Organization Prenote Bank Account Number
- Organization Prenote Trigger Pay Period End Date
- Organization Prenote Pay Cycle Type
- Organization Prenote Individual ID Number

- Organization Deposit Transit Routing Number
- Organization Deposit Check Digit
- Organization Deposit Bank Account Number
- Organization Deposit First Effective Pay Period End Date
- Organization Deposit Last Pay Period End Date

- Organization Process Net Negative Amount Indicator
- Organization Process Addenda Record Indicator
- Organization Process Format Routine Indicator

It is noted that a new utility program will take the data from the DB2 Control Tables PPPNGO and PPPNGL, and populate the arrays in copy members CPWSRNGO and CPWSRNGL, and return the data to the calling program.

CPWSXCWA

This copy member contains the pointer definitions for the CICS Communication Work Area (CWA).

Pointer definitions for the DB2 PPPNGO and PPPNGL Tables will be added to this copy member.

CPWSXIC2

The OCCURS value related to IDC-MAX-NO-DDG will be changed to 12 so that the CICS Direct Deposit GTN screens (EDDG and IDDG) can fully display 6 DDG records per screen page with a maximum of 2 screen pages. Array processing considerations should be reviewed when the maximum number of DDG entries is increased which may cause unnecessary array processing.

The maximum number of NGO and NGL entries that can be loaded into the NGO/NGL internal arrays (defined in CPWSRNGO and CPWSRNGL) will be set to '99'.

CPWSXIDC

The maximum number of NGO and NGL entries that can be loaded into the NGO/NGL internal arrays (defined in CPWSRNGO and CPWSRNGL) will be set to '99'.

The OCCURS value related to IDC-MAX-NO-DDG will be changed to 12 so that the CICS Direct Deposit GTN screens (EDDG and IDDG) can fully display 6 DDG records per screen page with a maximum of 2 screen pages. Array processing considerations should be reviewed when the maximum number of DDG entries is increased which may cause unnecessary array processing.

CPWSXNGO

This copy member will be made obsolete. The copy member will be replaced with new copy members CPWSRNGO and CPWSRNGL.

CPWSXRTN

CPWSXRTN contains hard-coded program names for commonly called modules. PPNGOUT2 will be added.

CICS Maps (DGIPNL)

PPEDDG0

This map will define the label fields and data fields for the new EDDG screen.

PPIDDG0

This map will define the label fields and data fields for the new IDDG screen.

Programs

With the addition of two new DB2 control Tables PPPNGO and PPPNGL, the standard set of programs for direct DB2 update of a Control Table via PPP004 will be created.

PPCTC09

A consistency edit module will be created to report on inconsistencies between the NACHA GTN Organization Link Table and the Gross-to-Net Table. Warning messages will be issued for the following condition:

- A GTN Number on NACHA GTN Organization Link Table that does not exist on the GTN Table (PPPGTN). This appears redundant given the transaction edit, but the consistency edit program can also be triggered by GTN Table updates, e.g. deletions.

The output of the consistency edit module will be written to the transaction message report at DD WRNPRT, as other consistency edit modules do.

The Table of Table (TOT) entry for Table 45 will contain 09 in the TOT_CON_EDITS column. This triggers the execution of PPCTC09 any time Table 45 is successfully updated.

PPCTNGLE

PPCTNGLE will edit the NACHA GTN Organization transaction data for the following conditions.

- The GTN Number cannot be blank, and must be on the Gross-to-Net Table. Otherwise the transaction will be rejected.

Note: These edits are only performed at the time the NACHA GTN Link Table is updated. The NACHA GTN Link Table is not linked referentially to the Gross-to-Net Table. Therefore subsequent update activity against the Gross-to-Net Table, i.e., deletions, can result in PPPNGL entries that no longer match an entry on the PPPGTN.

Standard A/D/C logic will also be performed. A record cannot be added when it already exists. A record cannot be changed or deleted when it does not exist.

PPCTNGLU

PPCTNGLU will update the NACHA GTN Organization Link Table during update mode for transaction data which passes the edits. It will perform Inserts and Deletes. *Changes are not allowed to the GTN or Link values, since the GTN and Link fields are defined as keys.* User should enter a delete type transaction to delete the GTN/Link pair on the PPPNGL Table.

Last Action Code and Last Action Date will be updated as well.

PPCTNGOE

PPCTNGOE will edit the NACHA GTN Organization transaction data for the following conditions. If the following conditions are not satisfied, the entire set of transactions (Trans Type '1' and '2') will be rejected.

- Prenote Indicator must be 'Y' or 'N'.
- Negative Amount Indicator must be 'Y' or 'N'
- Addenda Required Indicator must be 'Y' or 'N'
- Prenote Pay End Date must be valid
- Prenote Routing Number must be numeric
- Prenote Check Digit must be numeric
- Organization Name must not be blank
- Deposit Pay End Date First must be valid
- Deposit Pay End Date Last must be valid
- Deposit Routing Number must be numeric
- Deposit Check Digit must be numeric
- Format Routine Indicator must be '01', '02', '03', or '04'
- Organization Group Sort Code must be 'F', 'G', 'H', 'I', 'J', 'K', or 'L'

Standard A/D/C logic will also be performed. A record cannot be added when it already exists. A record cannot be changed or deleted when it does not exist.

PPCTNGOU

PPCTNGOU will update the NACHA GTN Organization Table during update mode for transaction data which passes the edits. It will perform Inserts, Updates and Deletions.

Last Action and Last Action Date will be updated as well.

PPCTR45

PPCTR45 will generate a report listing of the NACHA GTN Organization Table and the related NACHA GTN Organization Link Table. It will be called whenever the tables are successfully updated, or when a specific request is made for a Table 45 report.

The report will display data taken from each row on the PPPNGO Table, and all GTN numbers associated with the same Link Number on the NACHA GTN Organization Link (PPPNGL) Table. See Attachment C for sample report format.

PPCTT45

PPCTT45 will be the transaction handler for the National Automated Clearing House Association (NACHA) GTN Organization Table 45. It will pass all Table 45 transactions to the appropriate modules. If the Transaction Type is '1' or '2' (NGO data), the input transaction data will be passed to module PPCTT45A. If the Transaction Type is '3' (NGL data), the input will be passed to module PPCTT45B.

Similar to other existing transaction handler modules, the standard edit of the Transaction Type will be made to each transaction passed to PPCTT45.

PPCTT45A

PPCTT45A will be passed all Table 45 transactions with a Transaction Type of '1' or '2', and will move the data into the structure defined by copy member CPCTNGOI for processing by edit module PPCTNGOE and update module PPCTNGOU.

PPCTT45A will call the NACHA GTN Organization transaction edit program PPCTNGOE to edit the transaction data. If the transactions are 'Add' type transactions, Transaction Types '1' and '2' must be present. Otherwise message CT-023 "One or more required transactions missing" is issued.

Depending on the results of the edit and the run mode, i.e. update or not, PPCTT45A will call the NACHA GTN Organization table update program PPCTNGOU.

PPCTT45B

PPCTT45B will be passed all Table 45 transactions with Transaction Type of '3', and will move the data into the structure defined by copy member CPCTNGOI for processing by edit module PPCTNGOE and update module PPCTNGOU.

PPEC717

Currently, this module specifically edits ScholarShare data. That is, the edit logic is executed only by the presence of DDG (Direct Deposit GTN) deduction number value of 600 in the DDG Array. This module will be modified such that the direct deposit edit logic will be executed for any GTN where the associated Direct Deposit Indicator value is a 'Y' on the GTN Table.

The following edits will be added:

- If the input DDG Bank Key does not exist on the Surepay Bank Table (SPB), existing message 08-145 (INVALID BANK TABLE KEY) will be issued, and the update will be blocked.
- If the DDG Bank Key is entered, and the DDG Transit Number is entered, 08-018 (TRANSIT NUMBER MUST BE BLANK WHEN BANK TABLE KEY IS ENTERED) will be issued, and the update will be blocked.
- If the DDG Account Type and DDG Account Number are entered, the DDG Account Number will be edited to match the format for that specific Bank Key and Account Type from the SPB Table. If the specific Account Format returned from the SPB Table is not blank and the DDG Account Number does not match the appropriate format, existing message 08-146 (INVALID BANK ACCOUNT NUMBER FORMAT) will be issued, and the update will be blocked. However, If the specific Account Format returned from the SPB Table is blank (Deposit not available for that Account Type), new message 08-079 (ACCOUNT TYPE NOT AVAILABLE FOR THAT BANK TABLE KEY) will be issued, and the update will be blocked.
- If the DDG Account data associated with a particular GTN is deleted, and there is an existing G-balance for that GTN, message 08-177 (DDG ACCOUNT DATA BEING DELETED; DEDUCTION WILL BE SET TO ZERO) will be issued. The severity level will be '2' (Implied Maintenance).

In addition, the following logic will be modified:

- Currently, if the Direct Deposit Transit Number is missing, message 08-150 (REQUIRED DIRECT DEPOSIT DATA MISSING) is issued.

The edit will be modified such that if the Direct Deposit Bank Table Key and the Direct Deposit GTN Bank Transit Number are entered, message 08-018 (TRANSIT NUMBER MUST BE BLANK WHEN BANK TABLE KEY IS ENTERED) will be issued. Otherwise, existing message 08-150 (REQUIRED DIRECT DEPOSIT DATA MISSING) will be issued if the Direct Deposit GTN Bank Transit Number is missing (when Direct Deposit Bank Table Key is also blank).

- Currently, the entire DDG record is completely initialized (blank) when the DDG entry contains a value of 'D' in the ADC Code field.

That logic will be modified such that if the deduction associated with Direct Deposit GTN is greater than zero, the DDG GTN key and the ADC Code values will be retained so that PPEG600 can properly issue message 08-177 (DDG ACCOUNT DATA BEING DELETED; DEDUCTION WILL BE SET TO ZERO), and not message 08-119 (DEDUCTION NOT ALLOWED - DIRECT DEPOSIT ACCOUNT NUMBER REQUIRED) is issued.

PPEG600

Currently, this module does GTN Consistency Edits. It is triggered by changes to a GTN 600 entry on the PPPDBL Table or any data element on the PPPDDG Table. *It is noted that as additional Direct Deposit deductions are established on the PPPGTN Table, the value of 600 should be coded in the GTN Consistency Edit field on the PPPGTN Table so that PPEG600 is triggered, and the Direct Deposit Indicator be set to 'Y' as well.*

The iteration logic of DDG entries will be changed as follows:

Currently, the number of iterations through the DDG Array is controlled by the presence of the first space encountered in the occurrence key (Bank GTN Key).

The iteration logic will be changed to loop through the entire 12 DDG entries. Thus, future increase of the maximum number of entries defined in copy members CPWSIC2 and CPWSXIDC should be carefully considered for processing impact.

The following changes will be made:

- The XNGO Array (EXTERNAL) and XNGL Array (EXTERNAL) will replace the single XNGO record defined in Working Storage.
- If the DDG Account data entry contains a non-blank DDG GTN Number and the ADC Code is equal to 'D' (both fields retained from PPEC717), the DDG GTN Number and ADC Code will be set to blank, and the **Suppress-Message flag** will be set on to identify this entry further down in the logic that the entire DDG Account data is explicitly deleted.

Note that the rest of the DDG data items were initialized in PPEC717 prior to executing PPEG600.

- If the **Suppress-Message flag** is off (No DDG Account data) and the deduction (G-balance) is greater than zero, message 08-119 (DEDUCTION NOT ALLOWED - DIRECT DEPOSIT ACCOUNT NUMBER REQUIRED) will be issued.
- If the **Suppress-Message flag** is on (DDG Account data is explicitly deleted) and the deduction (G-balance) is greater than zero, message 08-177 (DDG ACCOUNT DATA BEING DELETED; DEDUCTION WILL BE SET TO ZERO) will be issued.

PEULOAD

Logic will be added to reference the DB2 NGO Pointer and DB2 NGL Pointer (defined in CPWSXCWA) for the GETMAIN and FREEMAIN phases of CICS.

PPGETMN

PPGETMN will be modified to reference the DB2 NGO Pointer and DB2 NGL Pointer (defined in CPWSXCWA) for the GETMAIN and FREEMAIN phases of CICS.

PPIIVR

No required changes are necessary at this time. However, if new GTN numbers are established for the Direct Deposit Gross-to-Net method, then PPIIVR must be modified similar to the changes in Release 1487.

PPNGOUT2

This utility module will be developed to retrieve NGO (NACHA GTN Organization) records from the NACHA GTN Organization Table (PPPNGO) and the NACHA GTN Organization Link Table (PPPNGL). NGO records will be loaded into the internal NACHA GTN Organization Array (fields defined in CPWSRNGO). NGL records will be loaded into the internal NACHA GTN Organization Link Array (fields defined in CPWSRNGL), and both arrays will be returned via structures CPWSRNGO and CPWSRNGL to the calling program. In addition, the appropriate return code will be returned to the calling program for proper handling.

Two DECLARE cursors will be defined separately to fetch records from the PPPNGO and the PPPNGL Tables.

The DECLARE cursor defined for the NACHA GTN Organization (NGO) data will return NGO records in Link Number order. The DECLARE cursor defined for the NACHA GTN Organization Link (NGL) data will return NGL records in Link Number and within Link Number GTN Number order.

The XNGO-ORG-ROWS-IN-USE and XNGO-ORG-LINKS-IN-USE will be initialized to zero.

For each fetched NGO record, the XNGO-ORG-ROW-IN-USE counter will be incremented by 1 until no more NGO records. An entry will be created in the internal XNGO-ORG-ROW Array, and the entry will be populated with data from the NGO record.

For each fetched NGL record, the XNGO-ORG-LINKS-IN-USE counter will be incremented by 1 until no more NGL records. An entry will be created in the internal XNGO-ORG-LINKS Array, and the entry will be populated with data from the NGL record.

In addition, the Direct Deposit Indicator value (from GTN Table) associated with the DDG GTN Number will be moved to the XNGO-GTN-ORG-LINKS Array. Thus, DDG GTN numbers associated with Direct Deposit Process (value of 'Y') will be identified on the XNGO-GTN-ORG-LINKS Array.

Any errors returned from DB2 or overflow of the internal arrays will be signaled back to the calling program via the linkage CPLNKNGO.

PPP420

PPP420 performs the check and surepay advice print.

Copy member CPWSXNGO will be replaced with new copy members CPWSRNGL and CPWSRNGO. PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays in the initialization phase, and return the data via structures CPWSRNGL and CPWSRNGO.

PPP430

PPP430 creates the direct deposit ACH (Automated Clearing House) file. It currently processes the employee's net pay.

Copy member CPWSXNGO will be replaced with new copy members CPWSRNGL and CPWSRNGO. Initially, PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays in the initialization phase, and return the data via structures CPWSRNGL and CPWSRNGO.

The logic will be changed such that the Transit Number from the Surepay Table will be assigned to the ACH record if the DDG Bank Key (EDB 0780) is not blank. If the DDB Bank Key is blank, the transit number will be taken from the DDG Transit Number (EDB 0782).

PPP520

Copy member CPWSXNGO will be replaced with new copy members and CPWSRNGL and CPWSRNGO. Initially, PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays, and return the data via structures CPWSRNGL and CPWSRNGO.

PPP530

Copy member CPWSXNGO will be replaced with new copy members CPWSRNGL and CPWSRNGO. Initially, PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays, and return the data via structures CPWSRNGL and CPWSRNGO.

PPWEDDG (new)

This program will be the new screen processor for the EDB/Entry Update function EDDG. This function will allow entry and update of Direct Deposit GTN (DDG) data.

Functional Overview:

DDG data will be edited via system edit processes (no programming necessary), special Consistency edits (PPEC7171 and PPEG600 modules), and special edits coded in the PPWEDDG program. Refer to modules PPEC717 and PPEG600 for the specific edits. The following standard edits will be coded in this program:

- If an invalid value other than "DELETE xxx" or "GOTO xxx" (where xxx equals the GTN) is entered on the Command Line, message P-0018 will be issued.
- If the DDG GTN is not defined on the Gross-to-Net Table, message P-0601 will be issued.
- If the DDG GTN is already (duplicate) on the Direct Deposit Table, message P-0617 will be issued.
- If attempting to delete a DDG entry and the DDG GTN is not found on the Direct Deposit Table, message P-0621 will be issued.
- If attempting to delete a DDG entry and the user is not authorized to delete, message P-0635 will be issued.

By positioning the cursor on the first character of a value and pressing key ERASE EOF, the current value will be replaced with the value last updated (Standard with EDB Entry/Update programs).

Standard Forward and Backward PF keys will be displayed in the bottom footer when appropriate.

Standard function switching while in update mode will be permitted.

To delete a particular DDG entry, "DELETE xxx", where xxx equals the DDG GTN key, will be entered on the Command Line of the screen (Similar to the EDEP function).

To position the cursor on a specific entry on the current screen page, "GOTO xxx", where xxx equals the DDG GTN key will be entered on the Command Line (Similar to the EDEP function).

Paging is supported by this program. The maximum number of DDG entries per screen page will be set at 6 with a maximum number of screen pages set at 2.

PPWIDDG (new)

This program will be the new screen processor for the Inquiry function IDDG.

The employee's DDG data (same as on the EDDG screen) will be displayed on the IDDG screen. The screen format will be similar to the EDDG screen except that the account number format will not be displayed.

USER08

USER08 is the main EDB maintenance edit driver called both online and in batch. USER08 loads several other specific CTL data to internal arrays.

PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays, and return the data via structures CPWSRNGL and CPWSRNGO. These two copy members will be defined as External, so that PPEG600 can access the data for consistency editing.

USER12

USER12 is the main EDB maintenance edit driver called both online and in batch. USER12 loads several other specific CTL data to arrays.

PPNGOUT2 will be called to load the NGO and NGL data into the internal NACHA GTN Organization arrays, and return the data via structures CPWSRNGL and CPWSRNGO. These copy members will be defined as External, so that PPEG600 can access the data for consistency editing.

Data Dictionary Definition/CICS On-Line Help

On-Line field-level help will be provided for all data elements on the screen based on existing Data Dictionary Definitions.

EDB0780

As released in Release 1487, a punctuation mark is missing at the end of the first sentence in the Description section of the CICS On-Line Help. In addition, the text in the Description section is not the same as the text in the Data Dictionary Definition.

A period will be placed at the end of the first sentence in the Description section of the CICS On-Line Help. The text in the Description section of the Data Dictionary Definition will be changed to reflect the same text as in the CICS On-Line Help.

EDB0782

The word “routing” will be placed between the words “Transit” and “number” in the description section.

EDB0785

The data element name of “Direct Deposit GTN Surepay Bank Key” will be changed to “Direct Deposit GTN Bank Key” on the CICS On-Line Help and the Data Dictionary Definition.

EDBHEDDG

CICS on-Line Screen-level help will be provided for the EDDG screen. The screen-level help text is shown below.

For EDDG:

Function: EDDG allows the user to enter and update information concerning the Employee’s direct deposit GTNs.

Nature of Information: EDDG contains the GTN and its description, the Bank Code, the Transit Routing Number, the Account Number, and the checking/savings indicator. If a Bank Code and checking/savings indicator are entered, the appropriate account format will be displayed when the ‘enter’ key is pressed.

The following commands are available to assist the user in performing this function:

DELETE nnn – to delete the DDG data associated with GTN nnn

GOTO nnn – to position the screen on GTN nnn

EDBHIDDG

CICS On-Line Help Screen-level help will be provided for the IDDG screen. The screen-level help text is shown below.

For IDDG:

Function: IDDG enables the user to view the employee's direct deposit information.

Nature of Information: IDDG contains the direct deposit GTN and its description, the Bank Code, the Transit Routing Number, the Account Number, and the checking/savings indicator.

Forms

UPAY907B

PPP004 – List Requests (UPAY907B)

The new table 45 (NACHA GTN Organization Table) will be added to the form.

TABLE CODE	TABLE NO.	
1	2	3
L	45	

The following text will be added to the bottom of the form:

45 NACHA GTN Organization Table

UPAY918

NACHA GTN Organization Table (UPAY918)

The following tables contain transaction formats for Transaction Numbers '1', '2', and '3'.

Transaction Number 1

Position	Length/ Format	Field Description	Comments
1	1	A/D/C	'A (Add), D (Delete), C' (Change)
2 – 3		Table No.	Constant '45'
4 – 5	2	Link No.	Key
6		Transaction No.	Constant '1'
7	1	Prenote Indicator	Organization level Prenote Indicator 'N' = Prenote not required 'Y' = Prenote required
8 – 9	2	Prenote Cycle Type	MO, B1, or B2
10 – 17	8	Prenote Transit Routing No.	Must be numeric
18	1	Prenote Transit Routing Chk Digit	Must be numeric
19 – 35	17 Left justified	Prenote Bank Account No.	
36 – 41	6 (MMDDYY)	Prenote Pay Period End Date	Trigger event for producing an Organization-level Prenote

Position	Length/ Format	Field Description	Comments
42 – 56	15	Prenote Individual ID	
57- 69	13	Organization Name	Organization Name
70	1	Organization Group Sort	Internal sorting used in program PPP430 to sort Organization Groups per batch

Transaction Number 2

Position	Length/ Format	Field Description	Comments
1	1	A/D/C	'A (Add), D (Delete), C' (Change)
2 – 3		Table No.	Constant '45'
4 – 5	2	Link No.	Key
6		Transaction No.	Constant '2'
7 – 09			Blank
10 – 17	8	Deposit Transit Routing No.	Must be numeric
18	1	Deposit Transit Routing Check Digit	Must be numeric
19 – 35	17 Left justified	Deposit Bank Account Number	
36 – 41	6 (MMDDYY)	Deposit Pay Period End Date First	First Pay Period End Date for which deposits are to be made
42 – 47	6 (MMDDYY)	Deposit Pay Period End Date Last	Last Pay Period End Date for which deposits are to be made
48	1	Process Account Negative Indicator	'Y' = Organization accepts Negative Amounts 'N' = Organization does not accept negative Amounts
49	1	Process Addenda Require Indicator	'Y' = Organization requires an Addenda Record to be written. 'N' = Organization does not require an Addenda Record.
50 – 51	2	Process Format Routine Number	Format Routine Number. Used in PPP430.

Transaction Number 3

Position	Length/ Format	Field Description	Comments
1	1	A/D	'A (Add), D (Delete) – Note that 'C' is not valid
2 – 3		Table No.	Constant '45'
4 – 5	2	Link No.	Key
6		Transaction No.	Constant '3'
7 – 09	3	GTN	Key

JCL

PPP004

JCL to run PPP004 will be modified to add a standard report file (LRECL=133, RECFM=FBA) for table 45. The DD name will be as follows:

- PPP0445

System Control Table Updates

NACHA GTN Organization (new)

Because the NACHA data is campus-specific at each location, the NACHA transactions to initially load the NACHA GTN Organization Tables (NGO and NGL) will not be released. The UPAY918 form should be used for coding the campus-specific input transactions. It is suggested that each location determine the appropriate data to load the new NGO/NGL Tables by examining the data currently defined in copy member CPWSXNGO.

Data Element to Screens

Entries are needed to define DE 0780, 0781, 0782, 0783, 0784, and 0785 (DDG data) as appearing on the EDDG screen. The fields will be identified as not protected.

A39 EDB0780EDDGN
A39 EDB0781EDDGN
A39 EDB0782EDDGN
A39 EDB0783EDDGN
A39 EDB0784EDDGN
A39 EDB0785EDDGN

Data Element

Valid edit values of 'S' and 'C' will be added to existing data element 0784 .

System Messages

The message texts will be changed for the following message numbers:

08-119 "DEDUCTION NOT ALLOWED - DIRECT DEPOSIT ACCOUNT NUMBER REQUIRED" with severity levels of '5' (Transaction Reject) in batch and '7' (Employee Reject) in on-line.

08-145 "INVALID BANK TABLE KEY" with severity levels of '5' (Transaction Reject) in batch and '7' (Employee Reject) in on-line.

08-146 "INVALID BANK ACCOUNT NUMBER FORMAT" with severity levels of '5' (Transaction Reject) in batch and '7' (Employee Reject) in on-line.

08-150 "GTN NOT SET UP FOR DIRECT DEPOSIT - DIRECT DEPOSIT IND NOT 'Y'" with severity levels of '5' (Transaction Reject) in batch and '7' (employee Reject) in on-line.

08-151 "REQUIRED DIRECT DEPOSIT DATA MISSING" with severity levels of '5' (Transaction Reject) in batch and '7' (employee Reject) in on-line.

12-119 "DEDUCTION NOT ALLOWED - DIRECT DEPOSIT ACCOUNT NUMBER REQUIRED" with severity levels of '5' (Transaction Reject) in batch and '7' (Employee Reject) in on-line.

12-145 “INVALID BANK TABLE KEY” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

12-146 “INVALID BANK ACCOUNT NUMBER FORMAT” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

12-150 “GTN NOT SET UP FOR DIRECT DEPOSIT - DIRECT DEPOSIT IND NOT 'Y'” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (employee Reject) in on-line.

12-151 “REQUIRED DIRECT DEPOSIT DATA MISSING” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (employee Reject) in on-line.

The following message numbers and associated texts will be added:

P0- 621 “Direct Deposit Deduction not found for deletion” with severity level of ‘2’ (Implied Maintenance).

01- 438 “NACHA GTN NUMBER IS NOT ON GROSS-TO-NET TABLE” with severity level of ‘5’ (Transaction Reject).

01- 439 “BOTH LINK AND GTN ARE KEYS ON PPPNGL TABLE; USE ADD TYPE TRANS” with severity level of ‘5’ (Transaction Reject).

01- 440 “NGL TABLE: BOTH LINK AND GTN VALUES MUST BE ENTERED ON TRANS” with severity level of ‘5’ (Transaction Reject).

01- 441 “NGL TABLE: LINK NUMBER NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).

01- 442 “NGL TABLE: LINK NBR MUST ALREADY BE PRESENT ON THE PPPNGO TABLE” with severity level of ‘5’ (Transaction Reject).

01-443 “NGL TABLE: GTN NUMBER IS NOT ON GROSS-TO-NET TABLE” with severity level of ‘5’ (Transaction reject).

01-444 “NGL TABLE: NACHA ORGANIZATION LINK RECORD NOT ON PPPNGL TABLE” with severity level of ‘5’ (Transaction Reject).

01-445 “NGL TABLE: NACHA ORGANIZATION LINK RECORD ALREADY ON PPPNGL TABLE” with severity level of ‘5’ (Transaction Reject).

01-446 “NGL TABLE: TRIED TO DELETE NGL LINK RECORD THAT DOES NOT EXIST” with severity level of ‘5’ (Transaction Reject).

01-447 “NGO TABLE: PRENOTE INDICATOR VALUE MUST BE 'N' OR 'Y'” with severity level of ‘5’ (Transaction Reject).

01-456 “NGO TABLE: ORGANIZATION GROUP SORT CODE NOT VALID” with severity level of ‘5’ (Transaction Reject).

01-457 “NGO TABLE: PRENOTE END DATE NOT VALID” with severity level of ‘5’ (Transaction Reject).

- 01-458 “NGO TABLE: DEPOSIT END DATE FIRST NOT VALID” with severity level of ‘5’ (Transaction Reject).
- 01-459 “NGO TABLE: DEPOSIT END DATE LAST NOT VALID” with severity level of ‘5’ (Transaction Reject).
- 01-577 “NGO TABLE: PROCESS NEGATIVE INDICATOR MUST BE 'N' OR 'Y'” with severity level of ‘5’ (Transaction Reject).
- 01-578 “NGO TABLE: PROCESS ADDENDA INDICATOR MUST BE 'N' OR 'Y'” with severity level of ‘5’ (Transaction Reject).
- 01-579 “NGO TABLE: PROCESS FORMAT ROUTINE INDICATOR VALUE INVALID” with severity level of ‘5’ (Transaction Reject).
- 01-480 “NGO TABLE: LINK NUMBER NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).
- 01-876 “NGO TABLE: PRENOTE ROUTING NUMBER CANNOT BE BLANK; ENTER ZEROES” with severity level of ‘5’ (Transaction Reject).
- 01-877 “NGO TABLE: PRENOTE ROUTING NUMBER NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).
- 01-878 “NGO TABLE: PRENOTE CHECK DIGIT CANNOT BE BLANK; ENTER ZEROES” with severity level of ‘5’ (Transaction Reject).
- 01-879 “NGO TABLE: PRENOTE CHECK DIGIT NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).
- 01-880 “NGO TABLE: ORGANIZATION NAME CANNOT BE BLANK” with severity level of ‘5’ (Transaction Reject).
- 01-882 “NGO TABLE: DEPOSIT ROUTING NUMBER CANNOT BE BLANK; ENTER ZEROES” with severity level of ‘5’ (Transaction Reject).
- 01-883 “NGO TABLE: DEPOSIT ROUTING NUMBER NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).
- 01-884 “NGO TABLE: DEPOSIT CHECK DIGIT CANNOT BE BLANK; ENTER ZEROES” with severity level of ‘5’ (Transaction Reject).
- 01-885 “NGO TABLE: DEPOSIT CHECK DIGIT NOT NUMERIC” with severity level of ‘5’ (Transaction Reject).
- 08-018 “TRANSIT NUMBER MUST BE BLANK WHEN BANK TABLE KEY IS ENTERED” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.
- 08-079 “ACCOUNT TYPE NOT AVAILABLE FOR THIS BANK TABLE KEY” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.
- 08-177 “DDG ACCOUNT DATA BEING DELETED; DEDUCTION WILL BE SET TO ZERO” with severity levels of ‘5’ (transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

08-265 “DATA MISSING FROM EITHER PPPNGO TABLE OR PPPNGL TABLE” with severity level of ‘8’ (SEE OPERATIONS).

08-266 “PPPNGO TABLE OR PPPNGL TABLE EXCEEDED MAX TABLE LIMIT” with severity level of ‘5’ (SEE OPERATIONS).

08-267 “SQL ERROR ENCOUNTERED – REVIEW PPDB2MSG DIAGNOSTIC” with severity level of ‘5’ (SEE OPERATIONS).

12-079 “ACCOUNT TYPE NOT AVAILABLE FOR THIS BANK TABLE KEY” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

12-018 “TRANSIT NUMBER MUST BE BLANK WHEN BANK TABLE KEY IS ENTERED” with severity levels of ‘5’ (Transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

12-177 “DDG ACCOUNT DATA BEING DELETED; DEDUCTION WILL BE SET TO ZERO” with severity levels of ‘5’ (transaction Reject) in batch and ‘7’ (Employee Reject) in on-line.

12-275 “DATA MISSING FROM EITHER PPPNGO TABLE OR PPPNGL TABLE” with severity level of ‘8’ (SEE OPERATIONS).

12-276 “PPPNGO TABLE OR PPPNGL TABLE EXCEEDED MAX TABLE LIMIT” with severity level of ‘5’ (SEE OPERATIONS).

12-277 “SQL ERROR ENCOUNTERED – REVIEW PPDB2MSG DIAGNOSTIC” with severity level of ‘5’ (SEE OPERATIONS).

42-038 “DATA MISSING FROM EITHER PPPNGO TABLE OR PPPNGL TABLE” with severity level of ‘8’ (SEE OPERATIONS).

42-039 “PPPNGO TABLE OR PPPNGL TABLE EXCEEDED MAX TABLE LIMIT” with severity level of ‘5’ (SEE OPERATIONS).

42-040 “SQL ERROR ENCOUNTERED – REVIEW PPDB2MSG DIAGNOSTIC” with severity level of ‘5’ (SEE OPERATIONS).

43-035 “DATA MISSING FROM EITHER PPPNGO TABLE OR PPPNGL TABLE” with severity level of ‘8’ (SEE OPERATIONS).

43-036 “PPPNGO TABLE OR PPPNGL TABLE EXCEEDED MAX TABLE LIMIT” with severity level of ‘5’ (SEE OPERATIONS).

43-037 “SQL ERROR ENCOUNTERED – REVIEW PPDB2MSG DIAGNOSTIC” with severity level of ‘5’ (SEE OPERATIONS).

53-055 “DATA MISSING FROM EITHER PPPNGO TABLE OR PPPNGL TABLE” with severity level of ‘8’ (SEE OPERATIONS).

53-056 “PPPNGO TABLE OR PPPNGL TABLE EXCEEDED MAX TABLE LIMIT” with severity level of ‘5’ (SEE OPERATIONS).

53-057 “SQL ERROR ENCOUNTERED – REVIEW PPDB2MSG DIAGNOSTIC” with severity level of ‘5’ (SEE OPERATIONS).

Attachments

- Attachment A Direct Deposit GTN Screen (EDB/Entry Update)
- Attachment B Direct Deposit GTN Screen (Inquiry)
- Attachment C NACHA GTN Organization Table Report (45)

Attachment C

PPP0445 /PPCTR45 /070104
 RETN: See Rpts Disp Schedule/Dist.

UNIVERSITY OF CALIFORNIA-SYSTEMWIDE
 Control File Maintenance
 NACHA GTN Organization Table

Page No. 1
 Run Date 07/02/04
 Run Time 12:30:36

LINK	ORG NAME/ PRNOTE INDV ID/ GTN	PRENOTE/DEPOSIT TRANSMIT RTE	CHK DGT	PRENOTE/DEPOSIT BANK ACCOUNT	PRENOTE PAY END DATE	DEPOSIT PAY END DATE FIRST DATE LAST	PRNOTE CYCL/ FORMAT RTE	ORG GRP SORT	NEG IND	ADDENDA IND	PRENOTE IND
01	FIDELITY-403B 999999999 246 247	02100103 02100103	3 3	00163002 00163002	10/31/91	11/01/91 99/99/99	MO 01	F	Y	Y	Y
02	DCP-FIDELITY 999999999 217	02100103 02100103	3 3	00163002 00163002	99/99/99	09/30/94 99/99/99	MO 02	G	Y	Y	N
03	DCP-SH-FIDEL 999999999 278	02100103 02100103	3 3	00163002 00163002	99/99/99	09/30/94 99/99/99	MO 02	H	Y	Y	N
04	FIDELITY-NTD 999999999 279	02100103 02100103	3 3	00163002 00163002	99/99/99	09/30/94 99/99/99	MO 02	I	Y	Y	N
05	SSDCP-FIDEL-D 999999999 387	02100103 02100103	3 3	00163002 00163002	99/99/99	09/30/94 99/99/99	MO 03	J	Y	Y	N
06	SSDCP-FIDEL-C 999999999 380	02100103 02100103	3 3	00163002 00163002	99/99/99	09/30/94 99/99/99	MO 03	K	Y	Y	N
07	SCHOLARESHARE 600	00000000 00000000	0 0		00/00/00	03/01/03 99/99/99	04	L	N	N	N