

**Release 1592**  
**Generalized Direct Deposit GTN Process**  
**Changes**

**INSTALLATION INSTRUCTIONS**

July 27, 2004  
09:00 AM  
Revised August 17, 2004 (03:30 PM)  
Revised August 18, 2004 (11:00 AM)

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## **Introduction**

This document provides installation instructions for release 1592. Please review these instructions carefully before proceeding with the installation.

## Installation Sequence

1. Install the following new DDL members listed in the following table, replacing \*AUTHID\*, \*STOGROUP\*, and database name “PPPCTL” with the appropriate campus values.

DDL Members	Database	Installed?
IXNGL00C		
IXNGO00C		
PPPVZNGL		
PPPVZNGO		
TBNGL00C		
TBNGO00C		
TSNGL00C		
TSNGO00C		

2. The RC/Migrator strategy in ANALYSIS (R1592U) can be used to perform the above DB2 changes, or the environments may be updated using the DDL members. You should be aware that the strategies do not provide for local changes to referenced objects. If you do not wish to use the RC/Migrator strategy, skip this step and continue with Step 3.
  - Modify strategy member R1592U by replacing \*AUTHID\* with the appropriate campus value. Replace “PPPCTL” with the local database name, if different.
  - Use RC/Migrator to execute the strategies. Skip the next step 3, and **continue with step 4**.
3. Create tables PPPNGO and PPPNGL by executing the DDL members in the following order.
  - Execute DDL member TSNGO00C to create Tablespace PPPNGO.
  - Execute DDL member TBNGO00C to create Table PPPNGO.
  - Execute DDL member IXNGO00C to create Index PPPXNGO.
  - Execute DDL member PPPVZNGO to create View PPPVZNGO\_NGO.
  - Execute DDL member TSNGL00C to create Tablespace PPPNGL.
  - Execute DDL member TBNGL00C to create Table PPPNGL.
  - Execute DDL member IXNGL00C to create Index PPPXNGL.
  - Execute DDL member PPPVZNGL to create View PPPVZNGL\_NGL.

4. Install the following new copy members listed in the table:

<b>Copylib members</b>	<b>Installed?</b>
CPCTNGLI	
CPCTNGOI	
CPLNKNGO	
CPWSRNGO	
CPWSRNGL	

5. Modify and install the following campus-specific copy members listed in the table. *Do not overlay local values with Base values.*

<b>Copylib Members</b>	<b>Installed?</b>
CPWSXIC2	
CPWSXIDC	

6. Modify and install the following modified copy members listed in the table:

<b>Copylib members</b>	<b>Installed?</b>
CPWSEDDG	
CPWSGETM	
CPWSXCWA	
CPWSXRTN	

7. Install the following new bind members listed in the table:

**Replace the collection ID value and the owner ID as needed.**

<b>Bind members</b>	<b>Installed?</b>
PPNGOUT2	

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<b>Bind members</b>	<b>Installed?</b>
PPWEDDG	
PPWIDDG	

8. Install the following modified bind members listed in the table:

<b>Bind members</b>	<b>Installed?</b>
PPP004	
PPP080	
PPP120	
PPP420	
PPP430	
PPP520	
PPP530	

9. Install the following new Include members listed in the table.

<b>Include Member</b>	<b>Installed?</b>
PPPVZGL	
PPPVZNGO	

10. CICS Map Generation:

- a) Install the source code member listed in the following table:
- b) Use SDF II option 6 to generate the BMS macro and the COBOL data structure.
- c) Assemble the BMS macros to produce the physical map description used by CICS/BMS.

<b>Map Name</b>	<b>DGIPNL Member</b>	<b>Installed?</b>	<b>Generated</b>	<b>Assembled?</b>
PPEDDG0	PPEDDG0			
PPIDDG0	PPIDDG0			

## 11. COBOL Program Installation

At UCOP, all COBOL programs pass through the DB2 pre-compiler, whether or not the program contains embedded SQL, to resolve INCLUDE references. Your site may have different requirements.

**Note:** "DUAL" programs must be compiled twice and linked into batch and online libraries ("LOADLIB" and "OLOADLIB" respectively). "CICS" programs must be CICS pre-compiled and compiled once and linked into OLOADLIB. "BATCH" programs must be compiled once and linked into the batch LOADLIB only.

a) Modify, install, compile and link the **modified** programs listed in the following table.

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPEC717	Yes	Dual	Yes	
PPEG600	Yes	Dual (Previously batch)	No	
PPEULOAD	Yes	CICS	Yes	
PPGETMN	No	CICS	No	
PPP420	Yes	Batch	No	
PPP430	Yes	Batch	No	
PPP520	Yes	Batch	No	
PPP530	Yes	Batch	No	
USER08	Yes	Dual	Yes	
USER12	Yes	Dual	Yes	

b) Install, compile and link the **new** programs listed in the following table.

PROGRAM	DB2 Pre-Compile	Compile	Package Bind?	Done?
PPCTC09	Yes	Batch	No	
PPCTNGLE	Yes	Batch	No	
PPCTNGLU	Yes	Batch	No	
PPCTNGOE	Yes	Batch	No	

<b>PROGRAM</b>	<b>DB2 Pre-Compile</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPCTNGOU	Yes	Batch	No	
PPCTR45	Yes	Batch	No	
PPCTT45	No	Batch	No	
PPCTT45A	Yes	Batch	No	
PPCTT45B	Yes	Batch	No	
PPNGOUT2	Yes	Dual	Yes	
PPWEDDG	Yes	CICS	Yes	
PPWIDDG	Yes	CICS	Yes	

c) Compile and link the **unmodified** programs listed in the following table.

<b>PROGRAM</b>	<b>DB2 Pre-Compile</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPAPEUFE	Yes	CICS	Yes	
PPAPEULF	Yes	CICS	No	
PPAPEUPN	Yes	CICS	Yes	
PPAPEUPU	Yes	CICS	Yes	
PPAPEUSR	Yes	CICS	Yes	
PPDDGFET	No	Dual	No	
PPDDGUPD	No	Dual	No	
PPDDGUTL	Yes	Dual	Yes	
PPEC146	No	Batch	No	
PPESTEDB	Yes	Batch	No	
PPKEYCHD	Yes	Dual	Yes	
PPP080	Yes	Batch	No	
PPP120	Yes	Batch	No	
PPP130	Yes	Batch	No	

12. Bind the following Plans.

<b>Bind Plans</b>	<b>Done?</b>
PPP004	
PPP040	
PPP050	
PPP080	
PPP120	
PPP130	
PPP170	
PPP250	
PPP420	
PPP430	
PPP520	
PPP530	
PPP700	

13. CICS Help

Import the revised CICS Data Dictionary Definitions for EDB 0780, EDB 0782, and EDB0785 on file HELPDDSE. Refer to sample JCL in JCL (LOADDDSE).

Import the new CICS Screen Helps on file HELPSCRN. Refer to sample JCL in JCL (LOADSCRN).

Import the new CICS Anchors on file HELPANCH. Refer to sample JCL in JCL (LOADANCH).

14. CICS Resource Definition Operations (RDO)

A Processing Program Table entry is required for the following Mapsets and Programs. The CICS Resource Definition Operations (RDO) are provided in CARDLIB(RDOPROD). Replace \*GROUPID\* with the campus group.

<b>RDO Entry</b>	<b>Done?</b>
PPEDDG0	

<b>RDO Entry</b>	<b>Done?</b>
PPIDDG0	
PPNGOUT2	
PPWEDDG	
PPWIDDG	

15. Execute and verify the rest of the test plan, per supplied instructions.
16. Perform any desired additional campus testing.
17. Place modified objects in production.
18. Update CTL PPPTOT Table with new Table Number 45 associated with tables PPPNGO and PPPNGL.

Replace \*AUTHID\* with the appropriate campus values.

Use the SQL in CARDLIB (UPTOT) to add the new Table Number 45 to the CTL PPPTOT Table.

19. Install Control Table (CTL) updates into production.

Execute **PPP004** to update the following DB2 CTL tables with **release transactions**.

- Data Element Table (06) – Use the transactions in CARDLIB (DETPROD).
- System Messages Table (08) – Use the transactions in CARDLIB (MSGPROD).
- Data Element-to-Screens Table (39) – Use the transactions in CARDLIB (DESPROD).

Execute **PPP004** to update the following new DB2 CTL table with **campus-generated transactions**.

- NACHA GTN Organization Table (NGO/NGL) - Table (45)

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 provided. 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. In addition, look at the sample test NGO/NGL transactions used for testing purposes in PAYDIST.R1592.CARDLIB (NGOTEST).

20. Update UC0CFN with new functions IDDG and EDDG:

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Replace \*AUTHID\* with the appropriate campus values.

Use the SQL in CARDLIB (UPCFN) to add the new IDDG and EDDG functions to table UCOCFN.

21. Update the EDB Menu with new function EDDG:

Use the online EMNU function to add EDDG to the EEDB menu as follows:

```
UCEMNU0-E0875                System Administration          07/18/04 18:22:
                               Menu Maintenance           Userid:  PAYJXQ
Subsystem ID: EU  EDB Entry/Update
Menu ID:  EEDB Function Code Menu
Delete Function Codes From Menu:
Sequence  Function      Sequence  Function      Sequence  Function
Number    Code                Number    Code          Number    Code
      37    EVAL                38    EDDG
```

22. Update the IDDB and IEDB Menu with new function IDDG:

Use the online EMNU function to add IDDG to the menus as follows:

```
UCEMNU0-E0875                System Administration          07/18/04 18:52:4
                               Menu Maintenance           Userid:  PAYJXQ
Subsystem ID: EI  EDB Inquiry
Menu ID:  IEDB Central Menu
Delete Function Codes From Menu:
Sequence  Function      Sequence  Function      Sequence  Function
Number    Code                Number    Code          Number    Code
      01    IGEN                02    IGNL                03    IAPS
      04    IAPP                05    IAPT                06    IGTN
      07    IBAL                08    IINP                09    IRTR
      10    IPER                11    IALN                12    ILAH
      13    IBND                14    INBI                15    ITAX
      16    IHR2                17    WHO                 18    ELEM
      19    PRNT                20    IFNA                21    IFNW
      22    IHRS                23    ILOF                24    IMEM
      25    IUCI                26    ILSC                27    ILCD
      28    ISSP                29    IHSP                30    IFBC
      31    IADD                32    IDDG
```

```
UCEMNU0-E0875                System Administration          07/18/04 18:54:39
                               Menu Maintenance           Userid:  PAYJXQ
Subsystem ID: EI  EDB Inquiry
Menu ID:  IDDB Departmental Menu
Delete Function Codes From Menu:
Sequence  Function      Sequence  Function      Sequence  Function
Number    Code                Number    Code          Number    Code
      01    IGEN                02    IGNL                03    IAPS
      04    IAPP                05    IDED                06    IHRS
      07    IINS                08    IRET                09    IPER
```

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10	IALN	11	ILAH	12	IBND
13	INBI	14	ITAX	<b>15</b>	<b>IDDG</b>
16		17	WHO	18	PRNT
19	IFNA	20	IFNW	21	ILOF
22	IMEM	23	IUCI	24	
25	ILSC	26	ILCD	27	ISSP
28	IHSP	29	IFBD	30	IADD

23. Security Considerations (RACF)

Define protected profiles in the installation-defined resource class for the functions codes of EDDG and IDDG. Permit READ access to EDDG and/or IDDG to the individual users or groups who are authorized to use the functions.

24. Production JCL – PPP004

Modify the PPP004 JCL.

Add an entry for the new report output file associated with the NACHA GTN Organization report. They are all standard report files, LRECL=133, RECFM=FBA

DD PPP0445

25. CTL Database Unload/Load JCL changes

Add the new CTL tables PPPNGO and PPPNGL to all relevant database backup, unload, and load JCLs. The tables have been defined as SYSREC76 for the PPPNGO Table and SYSREC77 for the PPPNGL Table in the **Base CTL load JCL**, and as SYSREC77 for the PPPNGO Table and SYSREC78 for the PPPNGL Table in the **Base CTL unload JCL**.

26. UPAY Forms (New and Revised forms)

Campuses should follow local procedures for distributing the new form **UPAY918**, and revised form **UPAY 907B**.

27. Obsolete object

The following object is obsolete as of the installation of this release and should be handled per campus procedures for obsolete Base Payroll/Personnel System objects:

The following copy member is now obsolete:

- CPWSXNGO