



OFFICE OF THE SENIOR VICE PRESIDENT —  
BUSINESS AND FINANCE

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Re:	Release:	1541
	Reference Releases:	1281
	Service Requests:	15454
	Error Reports:	1896
	Programs:	PPEC134, PPEC706
	CICS Programs	None
	Copymembers:	None
	Include Members:	None
	DDL Members:	None
	Bind Members:	None
	CICS Maps:	None
	Forms:	None
	Table Updates:	None
	Urgency:	Urgent (see Timing of Installation)

This release addresses the following error report. The error report below addresses HIPAA related errors in the EDB File Maintenance Process.

### **Error Report 1896**

It has been reported from at least two campuses that when processing OE (Open Enrollment) transactions to enroll dependents in dental with a DCED (Dependent Coverage Effective Date) of 01/01/2004, message 08-610 (DEPENDENT DENTAL ENROLLMENT NOT ALLOWED – EMPLOYEE NOT ENROLLED) is issued with a severity level of '4' (Data Override) in batch. The rejection occurs when the employee was formerly opted-out of dental insurance (Plan Code of 'XX') and has chosen to re-enroll during OE and to enroll one or more dependents. The issuance of message 08-610 is incorrect. Since the employee is re-enrolling into dental with a future dental effective date of 01/01/2004 (via FP transaction), and the dependents are enrolling into dental also with a future DCED of 01/01/2004 (DM transactions), the system should not reject the DM transactions.

After further research, it has been found that module PPEC706 contained two subscribing errors found in section 1500-FIND-EMPL-FUT-DENTAL-REC. Two separate EFCB entries within the PERFORM loop referenced an incorrect subscript field of ENTRY-X (where ENTRY-X equals zero), causing references to the data of the two FCB entries outside the boundary of the defined FCB Array. If the FCB entry in location zero contains a value of 'XX' and the current dental plan value contains a value of 'XX', the initial date of '0001-01-01' in working storage field WS-FUT-DENTL-COVEFF-DATE is never set to the future plan coverage effective date, causing message 08-610 to be erroneously issued later in the edits of the dependent data. The correct subscript of ENTRY-Y should have been referenced on the two particular EFCB entries. The problem has been verified by recompiling unmodified PPEC706 from Base with the SSRANGE compiler option, and executing PPP080. As expected, the job terminated

and issued a message that the subscript referencing table EFCB-FUTURE-BENEFITS-COV-DATA addressed a data outside the boundaries of the table.

While researching the problem addressed above, it has been found that PPEC134, which does dental consistency edits, referenced the SAVE-HLTH-PLAN field, instead of SAVE-DENTAL-PLAN field. If a future dental plan exists, the second condition tests whether the value of Dental Plan is different from Saved Health Plan. If that condition is true, the third set of conditions test whether the future Dental Plan is unchanged, no current dental end date, and future dental plan is equal to the current dental plan. If that condition is true, message 08-579 (FUTURE PLAN CODE MAY NOT BE THE SAME AS THE CURRENT PLAN CODE) is issued. The incorrect reference to the SAVE-HLTH-PLAN field causes no functional error other than always falling into the testing of the third set of conditions.

### **Programs**

#### **PPEC134**

Currently, PPEC134 does dental consistency edits.

This module has been modified such that in section 5100-IMPLIED-MAINT-MAINLINE the reference made to field SAVE-HLTH-PLAN has been changed to SAVE-DENTAL-PLAN.

#### **PPEC706**

Currently, PPEC706 does dependent dental consistency edits.

This module has been modified such that in section 1500-FIND-EMPL-FUT-DENTAL-REC the two FCB entries coded with subscripts of ENTRY-X within the PERFORM loop have been corrected to reference the subscript of ENTRY-Y.

### **Test Plan**

1. To verify that the ***unmodified*** version of PPEC706 contains a subscript range error where subscript named ENTRY-X is used to locate the future dental data on the FCB Array in section 1500-FIND-EMPL-FUT-DENTAL-REC, compile ***unmodified*** PPEC706 with the SSRANGE compiler option. Next, bind plans for PPP080 and PPP120.

Select an existing employee with one or more dependents who has formerly opted-out of Dental Plan (EDB 0272) with a Dental Opt-Out Indicator (EDB 0378) value of 'X'. Run the batch EDB File Maintenance to process a FP transaction to re-enroll the employee to a Dental Plan (D1 or D3) with a Future Effective Date of 010104. Also process one or more DM transactions to enroll the employee's dependents in the dental plan with a future Dependent Coverage Effective Date (EDB 0640) of 010104.

#### **Expected Result:**

PPP080 should terminate. Look in the SYSOUT for the following message:

```
THE REFERENCE TO TABLE EFCB-FUTURE-BENEFITS-COV-DATA BY VERB NUMBER 01 ON LINE 008716  
ADDRESSED AN AREA OUTSIDE THE REGION OF THE TABLE.
```

2. To verify that the ***modified*** version of PPEC706 does not abend with a subscript range error, compile ***modified*** PPEC706 with the SSRANGE compiler option. Next, bind plans for PPP080 and PPP120.

Using the same employee as step 1, run the batch EDB File Maintenance to process the same FP transaction to re-enroll the employee to a Dental Plan (D1 or D3) with a Future Effective Date of 010104. Also process the

same DM transactions to enroll the employee's dependents in the dental plan with a future Dependent Coverage Effective Date (EDB 0640) of 010104.

**Expected Result:**

PPP080 should run successfully to completion. Generate a PPP1800 report or PPP2501 report to verify that the employee has a dental plan with a future effective date of 010104 on the FCB table. In addition, verify that the dependents are enrolled in the dental plan with an effective date of 010104 on the DEP table.

**Installation Instructions**

1. Program Preparation

Note: 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), and DUAL-ONLINE programs must be compiled once only and linked into the online library. "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) Install, compile, and link the *modified* programs listed in Table 1

<b>Program Name</b>	<b>DB2?</b>	<b>Compile</b>	<b>Package Bind?</b>	<b>Done?</b>
PPEC134	Yes	Dual	No	
PPEC706	Yes	Dual	Yes	

**Table 1**

2. Bind plans for PPP080 and PPP120.

3. Testing

Perform installation verification testing as described above.

Perform any desired additional campus testing.

4. Place modified objects in production.

**Timing of Installation**

The installation of this release is *Urgent*.

This release should be installed to prevent message 08-610 from being issued erroneously, and to prevent the rejection of future dependent enrollments to the dental plan when an employee is re-enrolling in the dental plan with a future effective date, and is enrolling one or more dependents to the dental plan with a same future effective date.

As usual, campuses are encouraged to install this release in as timely a fashion as possible and in the normal numeric sequence.

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