Daily Employment Status Derivation

DETAILED DESIGN

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Introduction

Employment Status is displayed in the header of every EDB Online Inquiry screen, but is not always accurate as of the actual date on which the data is being displayed. The EDB File Maintenance process evaluates and updates the Employment Status at two points: when explicit maintenance is performed to an employee record, and when the monthly Periodic Maintenance process is run. The Employment Status derivation process is based on several dates derived from the System Control Record (SCR) dates. Basing derivation on month begin or end dates means that changes in Employment Status that will occur during the month will not be accurately displayed for all days of the month. Secondly, if one employee has had explicit EDB File Maintenance during the month and another has not, the Employment Status can be different for two employees with the same active appointment dates, leaves dates, etc.

It has been requested that the PPS determine and display Employment Status as of the current date, whether or not any explicit activity has been posted to the employee record. Conversely, during EDB File Maintenance, only explicit changes to specific data elements should trigger the Employment Status derivation process.
Changes from the Requirements

The Requirements proposed that Employment Status derivation be performed for any employee record which has a change to Most Recent Hire Date, Separation Date, Leave of Absence Begin Date, Leave of Absence Return Date, Appointment Begin Date or Appointment End Date.

It was decided that, additionally, a change to Leave of Absence Status Indicator (EDB 0154) will also trigger Employment Status derivation.

An Action Code of 07 or 08 will cause an update to the Leave of Absence Status Indicator in PPEA007, so those Action Codes will also indirectly trigger Employment Status derivation.
Overview

Several changes are required to the PPS EDB maintenance process:

First I would like to define several date related terms that will be used in this document. "Today" will refer to today's date in a real-time sense, not to any derived system date, that is, "today" means what is understood in common speech as "today". "Tomorrow," similarly, refers to tomorrow's date in a real-time sense. "Current date" will refer to a derived date which serves as an "effective date" for certain processes discussed below. A specific "current date" discussed below is the Special Daily Process Run Date. The Special Daily Process Run Date can be either today's date or tomorrow's date, depending on other factors which will be explained.

The program which currently performs the Employment Status derivation is PPEMPSTA.

Currently, during EDB File Maintenance, PPEMPSTA is called unconditionally when any explicit maintenance is performed on an employee record. EDB File Maintenance will be changed to trigger PPEMPSTA through standard Data Element Table triggers. The data elements whose change will trigger PPEMPSTA will be Most Recent Hire Date, Separation Date, Leave of Absence Begin Date, Leave of Absence Return Date, Leave of Absence Status Indicator, Appointment Begin Date and Appointment End Date. For EDB File Maintenance, both online and batch, today's date will be used as the current date used for all date comparisons involved in PPEMPSTA Employment Status derivation.

Currently, during Periodic Maintenance, PPP130 calls PPEM003 unconditionally, and it in turn directly calls PPEMPSTA. The direct call of PPEMPSTA will be removed from PPEM003. Employment Status will not be derived during Periodic Maintenance. It is proposed that the new Special Daily Process run after any Periodic Maintenance.

A new Special Daily Process will be added to PPP130. It will initially be limited to Employment Status derivation which will be performed for any employee record which has a Most Recent Hire Date, Separation Date, Leave of Absence Begin Date, Leave of Absence Return Date, Appointment Begin Date or Appointment End Date that falls in a date range from the previous Special Daily Process Run Date (stored on the System Control Record) to the current Special Daily Process Run Date.

A current date will be calculated as either today's date or tomorrow's date, based on the "time of day" the job is run. The detail of how the current date is derived is included in changes to procedure copymembers CPPDXDTS and CPWSXDTS and PPP130. The current date used for all date comparisons involved in PPEMPSTA Employment Status derivation.
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Much consideration has been given to how the "time of day" cutoff would work, both in terms of where the data would reside and how it could be changed. Various scenarios were considered, such as late evening restarts of CICS, weekend CICS startup, campus decisions to run the "daily" process once a week, or to run it late on weekdays and early on Sunday, etc. Various schemes to store and change the cutoff value included a new System Parameter, a new PPP130 Run Specification record, a changed PPP020 System Control Record, run-time PARM’s, and a seven day schedule of varying times. It was decided that the simplest approach is probably the best and all that is necessary. A campus specific default value, indicating a time of day, will be stored in a copymember. Each campus will have to select a time that works best with their anticipated schedule for running the Special Daily Process. Any Special Daily Process running before that time will use today’s date as the current date. Any Special daily Process running at or after that time will use tomorrow’s date as the current date.
EDB Maintenance (Online & Batch)

PPEMPSTA:

This program performs the Employment Status derivation. Currently it performs the following date comparisons, based on dates calculated from the SCR Current Date or the SCR Process Date. SCR Current Date is the first of the current PPS process month, as established during the beginning of the new month in Periodic Maintenance. The End of the Month Date is the SCR Current Date, with the day field changed to 99. End of the Prior Month is the previous month, also with 99 as the day field value. The SCR Process date is from the PPP020 System Control Record Process Date.

1. If Most Recent Hire date (DE 0113) is less than the End of the Month Date, then the Employment Status is set to 'A'. If the Separation Date is less than both the SCR Process Date and Most Recent Hire Date, the Separation date is initialized to zero and the Separation Reason set to blanks.

2. If no Appointment is found that has an Appointment Begin Date (DE 2002) less than or equal to the SCR Process Date and an Appointment End Date (DE 2003) greater than the SCR Process Date, then the Employment Status is set to 'I'.

3. If the Leave of Absence (LOA) Begin Date (DE 0137) is less than the End of the Month Date, then the LOA Status Indicator (DE 0154) is moved to Employment Status.

4. If the LOA Return Date (DE 0138) is less than the End of the Prior Month Date, then the Employment Status is set to 'A' if not already 'A' and the LOA Begin and Return Dates are initialized to zero.

5. If the Separation Date (DE 0140) is less than the End of Month Date, then the Employment Status is set to 'S'. Some balances are also changed and the FICA Derive flag is set to 'Y'.

6. If none of the above conditions has established the Employment Status, and it is still blank, then it defaults to "I".

Proposed Changes:

All these comparisons will be changed to use the current date calculated in copymember CPPDXDTS and available as a date field in an EXTERNAL using CPWSXDTS. For EDB Maintenance, batch and online, this current date will be today's date.
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1. If the Most Recent Hire date is less than or equal to the current date, then the Employment Status will be set to 'A'. Any Separation Date less than both the current date and Most Recent Hire date will be initialized to zero and the Separation Reason set to blanks.

2. If no Appointment is found that has a Begin Date less than or equal to the current date and an End Date greater than or equal to the current date, then the Employment Status will be set to "I".

3. If the LOA Begin Date is less than or equal to the current date, then the LOA Status Indicator will be moved to Employment Status.

4. If the LOA Return Date is less than or equal to the current date, then the Employment Status will be set to 'A' if not already 'A'. The LOA Begin and Return Dates will not be initialized. PPEM105, which runs unconditionally during Monthly Periodic Maintenance, will be changed to reset the LOA dates using code cloned from the current PPEMPSTA, i.e. the comparison will continue to use the End of the Prior Month Date, not the current date.

5. If the Separation Date is less than the current date, then the Employment Status will be set to 'S'. Some balances will also be changed and the FICA Derive flag will be set to 'Y'.

6. If none of the above conditions has established the Employment Status, and it is still blank, then it defaults to "I".

USER08:

USER08 is the main driver for both batch and online EDB edits.

Proposed Changes:

In order to be consistent with changes to copymember CPPDXTDS, all date conversions in USER08 will be changed to use the CPWSXDC3 and CPPDXTDC3 copymember data fields and routines.

USER12:

USER12 is the main driver for both batch and online EDB updates. PPEMPSTA is the subroutine which derives Employment Status. Currently PPEMPSTA is called directly from USER12 whenever there is any explicit maintenance performed to an employee record, but only when some explicit maintenance is performed.
Proposed Changes:

The direct call to PPEMPSTA will be deleted.

In order to be consistent with changes to copymember CPPDXDTS, all date conversions in USER12 will be changed to use the CPWSXDC3 and CPPDXDC3 copymember data fields and routines.

These are the only changes that will be made directly to the USER12 COBOL member. The other changes in its functionality will occur due to changes to copymembers CPPDXDTS, CPWSXDT, CPPDXDC3 and CPWSXDC3, and changes to the Data Element, Process Group and Routine Definition Tables.

CPPDXDTS will be changed to calculate a current date from today's date. It will use LE/370 date routines and fields. Changes will be made to copymembers CPPDXDC3 and CPWSXDC3 to support the use of the new LE/370 routines. The current date will be moved to an EXTERNAL date field defined in CPWSXDT for use by sub-routines. See Copymembers for the changes.

PPEMPSTA will be defined as a routine on the Routine Definition Table. PPEMPSTA will be set up in a new Process Group 002. This Process group is executed in USER12 paragraph 4000-EMPLOYMENT-STATUS-MAINT at the point PPEMPSTA was previously directly called. PPEMPSTA will be triggered by Implied Maintenance triggers set by changes to Most Recent Hire Date, Separation Date, Leave of Absence Begin Date, Leave of Absence Return Date, Leave of Absence Status Indicator, Appointment Begin Date or Appointment End Date. See the Data Element, Processing Group and Routine Definition Table Updates below for detail on the triggering changes.
Periodic Maintenance

PPEM003:

PPEM003 performs Appointment and Distribution purging. It is executed unconditionally during PPP130 Monthly Periodic Maintenance. Currently, PPEM003 performs a direct call to PPEMPSTA.

Proposed Changes:

The direct call to PPEMPSTA will be deleted.

PPEM105:

PPEM105 processes prior pay indicators based on the LOA dates and Employment Status. It is executed unconditionally during PPP130 Monthly Periodic Maintenance.

Proposed Changes:

Code will be added to evaluate the LOA Return Date. If it is less than the End of the Prior Month Date, then the LOA Begin Date, LOA Return date, LOA Status Indicator and LOA Type will be initialized to zeros. This matches code being removed from PPEMPSTA. This will leave LOA dates for Computes until reset by Periodic Maintenance as it is currently done.

PPP130:

PPP130 performs Periodic Maintenance.

Proposed Changes:

No changes will be made directly to the PPP130 COBOL member for Periodic Maintenance.

The deletion of the direct call to PPEMPSTA in PPEM003 means that no Employment Status derivation will occur in PPP130 Periodic Maintenance. If derivation is desired, a Special Daily Process of PPP130 will have to be run after Periodic Maintenance.
Special Daily Process Maintenance

PPEMPSTA:

See above in EDB File Maintenance for a discussion of the current process.

Proposed Changes:

See above in EDB Maintenance for the code changes to PPEMPSTA.

As for EDB Maintenance, all these comparisons will be changed to use a current date. However, for Special Daily Process Maintenance this date can be either today's date or tomorrow's date, depending on the time of day the Special Daily Process runs.

PPP020:

Release 967 introduced Special Process Indicators to the PPP020 Run Specification Record and to the System Control Record. The first three Special Processes were added for Student FICA.

Proposed Changes:

A fourth Special Process will be added for Special Daily Process maintenance. PPP020 will be changed to accept the new Special Process Indicator value '4' on the Run Specification Record and will update the SCR Special Process Indicator field with that value.

When this Special Process Indicator is entered, the PPP0202 control report will display the following description of the Special Processing Indicator: Special Daily Process. See Attachment E for a sample report.

See Forms and Attachment G for the related change to the UPAY630 System Control Record form.

PPP130:

Release 967 introduced Special Process Maintenance logic to PPP130. The first three Special Processes were for Student FICA.
Proposed Changes:

New Special Process logic will be added for the Special Daily Process. It will be triggered by a Special Process Indicator value '4' on the System Control Record (PPPS0R table, as updated by PPP020). Initially the Special Daily Process will only perform Employment Status derivation.

In order to be consistent with changes to copymember CPPDXDTS, all date conversions in PPP130 will be changed to use the CPWSXDC3 and CPPDXDC3 copymember data fields and routines.

CPWSXDT3 and CPPDXDTS are copied into PPP130. As mentioned for EDB Maintenance, those copymembers will be changed to calculate a current date from today's date. See Copymembers for the detail of the date calculations.

The LE/370 date function used in CPPDXDTS to obtain the current date will also return the current time. The returned hour field will be compared to a Daily Process Cutoff Hour which will be coded as a campus specific field added to copymember CPWSXIDC. If the current hour is less than the Daily Process Cutoff Hour, then the current date established by CPPDXDTS, i.e. today's date, will be used as the Special Daily Process Run Date (XDT3-ISO-DLY-RUN-DATE). If the current hour is equal to or greater than the CPWSXIDC value, the current date will be adjusted to tomorrow's date using LE/370 date function CEEDAYS, and this adjusted current date will be used as the Special Daily Process Run Date (XDT3-ISO-DLY-RUN-DATE). This date, adjusted or not, will be the current date used in PPEMPSTA for date comparisons. This will allow the Special Daily Process to run before midnight and still derive Employment Status "current" during tomorrow's online CICS data display.

The previous SCR Daily Run Date will be compared to the "current" calculated Special Daily Process Run Date. If they are the same date a WARNING level message will be issued. When there is no change in the effective Special Daily Process Run Date, PPP130 will go to normal end without processing for Employment Status derivation.

The previous Special Daily Process Run Date will be the beginning date and the current date will be the end date of the Special Daily Process Date Range. This date range will be used during the Special Daily Process to select employee record's for processing. All employee record's will be selected that have a Most Recent Hire Date, Separation Date, Leave of Absence Begin Date, Leave of Absence Return Date, Appointment Begin Date or Appointment End Date that falls within the Special Daily Processing Date Range. Special Daily Process Employment Status derivation will only occur for the selected employee record's.
For each selected employee record the current PPP130 EDB fetch logic will be used to load the EDB data.

A new Process Group consisting solely of PPEMPSTA will be executed unconditionally via the PPRTNMGR Routine Manager. PPEMPSTA will determine whether or not the employee's Employment Status should be changed based on the new date comparisons using the Special Daily Process Run Date.

Current PPEMPSTA logic will perform Auditing Responsibilities if the Employment Status is changed. This, in turn, will trigger current PPP130 logic which performs the EDB updates and writes the EDB Change File record.

Current code in PPP130 disallowing Periodic Maintenance to run at the same time as Special Processing will be retained. Since the SCR Special Process Indicator can only contain a single value, the PPP130 Special Daily Process will not be able to run at the same time as any other Special Process.

The SCR Daily Run Date will be updated with the current date, i.e. the XDTS-ISO-DLY-RUN-DATE value, after successful Special Daily Processing.

An audit report will be printed displaying the previous Special Daily Process Run Date, the new Special Daily Process Run Date, the Date Range used for employee record selection, and a count of the number of employee record's selected (regardless of change in Employment Status). See Attachment F for a sample report.
Copymembers

CPPDXDTS

This procedure code copymember calculates various dates used in EDB Maintenance and Periodic Maintenance. They are calculated from SCR dates. The calculated dates are stored in fields defined in copymember CPWSXDTS. CPWSXDTS is used to define an EXTERNAL 01 structure in USER12 and PPP130, thus making the fields in CPWSXDTS available for use by various sub-routines, including PPEMPSTA.

Proposed Changes.

Two new dates will be calculated.

The previous SCR Daily Run Date will be obtained from the System Control Record and moved to an ISO formatted date (XDTS-ISO-DLY-RNG-DATE). This date will be the begin date of the Special Daily Process Date Range used to select employee records during Special Daily Processing.

Today's date and the current time will be obtained by using LE/370 date function CEEOCT. CEEDATE will then be used to convert the date to an ISO formatted date (XDTS-ISO-DLY-RUN-DATE).

CPWSXDTS

This copymember contains working storage definitions of fields used by CPPDXDTS.

Proposed Changes

Two new working storage data structures will be added.

XDTS-ISO-DLY-RNG-DATE will be an ISO format date. It will contain the beginning date of a Special Daily Processing Date Range.

03 XDTS-ISO-DLY-RNG-DATE.
   05 XDTS-ISO-DLY-RNG-CCYY PIC 9(4).
   05 FILLER REDEFINES XDTS-ISO-DLY-RNG-CCYY.
   10 XDTS-ISO-DLY-RNG-CC PIC 9(2).
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10 XDTS-ISO-DLY-RNG-YY PIC 9(2).
05 XDTS-ISO-DLY-RNG-ISO1 PIC X(1).
05 XDTS-ISO-DLY-RNG-MM PIC 9(2).
05 XDTS-ISO-DLY-RNG-ISO2 PIC X(1).
05 XDTS-ISO-DLY-RNG-DD PIC 9(2).

XDTS-ISO-DLY-RUN-DATE will be an ISO format date. It will contain the end date of a Special Daily Processing Date Range. It will be the source for updating the SCR Daily Run Date at the end of PPP130 Daily Processing. It will be used in PPEMPSTA for date comparisons.

03 XDTS-ISO-DLY-RUN-DATE.
05 XDTS-ISO-DLY-RUN-CCYY PIC 9(4).
05 FILLER REDEFINES
   XDTS-ISO-DLY-RUN-CCYY.
10 XDTS-ISO-DLY-RUN-CC PIC 9(2).
10 XDTS-ISO-DLY-RUN-YY PIC 9(2).
05 XDTS-ISO-DLY-RUN-ISO1 PIC X(1).
05 XDTS-ISO-DLY-RUN-MM PIC 9(2).
05 XDTS-ISO-DLY-RUN-ISO2 PIC X(1).
05 XDTS-ISO-DLY-RUN-DD PIC 9(2).

CPPDXDC3

This procedure copymember performs various date conversions.

Proposed Changes

New code will be added to use date function CEELOCT to get the current date. It returns both the Lilian date (previously defined in CPWSXDC3) and a Gregorian date in the format shown in CPWSXDC3.

XDC3-GET-CURRENT-DATE.
   CALL XDC3-PGM-CEELOCT USING XDC3-LILIAN-DATE,
   XDC3-LILIAN-TIMESTAMP,
   XDC3-GREGORIAN-CHAR,
   XDC3-FC.

CPWSXDC3
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This copymember contains working storage definitions of fields used by CPPDXDC3.

**Proposed Changes**

New LE/370 fields will be added for using date function CEELOCT.

```plaintext
05 XDC3-LILIAN-TIMESTAMP  COMP-2.
05 XDC3-GREGORIAN-CHAR.
   10 XDC3-GREG-CCYY  PICTURE 9(04).
   10 FILLER  REDEFINES
      XDC3-GREG-CCYY.
   15 XDC3-GREG-CC  PICTURE 9(02).
   15 XDC3-GREG-YY  PICTURE 9(02).
10 XDC3-GREG-MM  PICTURE 9(02).
10 XDC3-GREG-DD  PICTURE 9(02).
10 XDC3-GREG-HH  PICTURE 9(02).
10 XDC3-GREG-MI  PICTURE 9(02).
10 XDC3-GREG-SS  PICTURE 9(02).
10 XDC3-GREG-MS  PICTURE 9(03).

10 XDC3-PGM-CEELOCT  PICTURE X(08)
   VALUE 'CEELOCT'.
```

**CPWSXIDC**

This copymember contains various payroll constants including campus specific ones.

**Proposed Changes**

A new campus specific Daily Process Cutoff Hour field will be added. The Base default value will be 12. This value will be compared to the run time to determine whether the Special Daily Process Run Date should be today's date or tomorrow's date.

```plaintext
03 IDC-DAILY-PROCESS-CUTOFF-HOUR  PIC 99 VALUE 12.
```

This value should not be finely tuned to any real expected runtime for the Special Daily Process, or exactly when CICS is expected to shut down. For example, the value of 12 means that any run after noon and before midnight will use tomorrow's date. This would cover most Special Daily Processes after CICS shutdown during the week, but would also work if CICS was up on Saturday but shut down early, say 3:00. In fact, a good default value actually might be the normal CICS startup time, not shutdown time. **Whatever it is, it should be a**
time that most often, in the context of production processing, will result in the Special Daily Process using the desired date for Employment Status derivation logic in PPEMPSTA.
Table Updates

Data Element Table

Implied Maintenance Trigger 310 will be added to the following data elements:

<table>
<thead>
<tr>
<th>Data Element</th>
<th>Description</th>
</tr>
</thead>
<tbody>
<tr>
<td>Most Recent Hire Date Card Types</td>
<td>(EDB 0113)</td>
</tr>
<tr>
<td>Leave of Absence Begin Date Card Types</td>
<td>blank, B1</td>
</tr>
<tr>
<td>Leave of Absence Return Date Card Types</td>
<td>(EDB 0138)</td>
</tr>
<tr>
<td>Leave of Absence Status Indicator Card Types</td>
<td>blank, A2</td>
</tr>
<tr>
<td>Separation Date Card Types</td>
<td>(EDB 0140)</td>
</tr>
<tr>
<td>Appointment Begin Date Card Types</td>
<td>(EDB 2002,2302,2602,2902,3202,3502,3802,4102,4402)</td>
</tr>
<tr>
<td>Appointment End Date Card Types</td>
<td>blank, 10,20,30,40,50,60,70,80,90</td>
</tr>
</tbody>
</table>

Routine Definition Table

PPEMPSTA will be added to the Routine Definition Table as Routine Type I and Routine Number 310.

Processing Group Table

Routine Type I and Number 310 will be added to a new Processing Group 002 for Program ID 12. This Process group will be executed in paragraph 4000-EMPLOYMENT-STATUS-MAINT in USER12 (at the same place PPEMPSTA was previously directly called). It will have one trigger Type I and Number 310. This will cause PPEMPSTA to be executed by USER12 when and only when any of the triggers shown above are set, i.e. whenever one of the data elements is changed.

Routine Type I and Number 310 will be added to a new Processing Group 104 for Program ID 13. It will process unconditionally in PPP130 during Special Daily Processing. This will cause PPEMPSTA to be executed unconditionally for every employee record chosen during
PPP130 Special Daily Processing. See the PPP130 changes above for the new cursor which will select employee record's for this process.

**System Messages Table**

A new WARNING severity level message will be added for processing the Special Daily Process Run Date.

13-015 Daily process run date unchanged; employment status not derived
Forms

UPAY630:

The new value '4' will be added to the Special Process Indicators to trigger Special Daily Processing.

See Attachment G for a sample form.
JCL

PPP130:

A job needs to be created for the Special Daily Process. It should execute PPP020 with a System Control Record input that has a Special Process Indicator of "4". PPP130 should next execute with the following DD change.

DD name PPP1303 will be added for the Special Daily Process control report.

| LRECL = 133 |
| RECFM=FBA |

The report initially will consist of a single page, so if the output is to a dataset the SPACE allocation can be appropriately small.

This control report file will be opened only during Special Daily Process. If separate JCL will be established for executing PPP130 for Special Daily Processing, then it only needs to be included in that JCL. Otherwise, it needs to be added to existing PPP130 JCL.
Run Instructions

Special Daily Process:

The intent is that the Special Daily Process will run every day. If it is not then obviously the Employment Status will not always be current as of the time it is being looked at.

The main impetus for the daily derivation comes from online inquiry. For this purpose the job only needs to be run prior to starting up CICS. If CICS is up every day, then "prior" can in effect be "after" CICS was shutdown the previous day. However, if the job is run as part of CICS shutdown, and CICS is not brought up/shut down over the weekend, then the Employment Status displayed online on Monday will reflect an current date of Friday or Saturday, depending on when the job was run and the local cutoff hour for Special Daily Processing. Whatever the schedule, the campus users must be given some understanding of the schedule and what this implies about the "current" value of Employment Status.

Also, it must be kept in mind that other processes, such as batch Employment Documents (PPP750), could also display a non-current Employment Status if the Special Daily Process is not run every day.

Since EDB Maintenance, batch and online, uses the current date for Employment Status derivation, it would be best to run the Special Daily Process after EDB File Maintenance to ensure consistency of the derivation date.

Since Periodic Maintenance will not now derive Employment Status, the Special Daily Process should be run after Periodic Maintenance.

PPP020 must always be run to update the SCR with a Daily Process Special Process Indicator of "4" before PPP130 executes a Special Daily Process.
Attachments

Attachment A  Data Element Table changes (UPAY553 facsimile)
Attachment B  Processing Group Table changes (UPAY803)
Attachment C  Routine Definition Table changes (UPAY804)
Attachment D  System Messages Table (UPAY554)
Attachment E  Sample PPP0202 System Control Record Report
Attachment F  Sample Employment Status Derivation Control Report
Attachment G  Sample System Control Record UPAY630 form changes
<table>
<thead>
<tr>
<th>A/</th>
<th>Tbl</th>
<th>Tran</th>
<th>Card</th>
<th>Elem</th>
<th>Implied Maintenance Edits</th>
</tr>
</thead>
<tbody>
<tr>
<td>D/</td>
<td>No</td>
<td>Seq</td>
<td>Type</td>
<td>Num</td>
<td></td>
</tr>
<tr>
<td>C</td>
<td></td>
<td></td>
<td></td>
<td></td>
<td></td>
</tr>
<tr>
<td>1</td>
<td>2-3</td>
<td>4</td>
<td>5-6</td>
<td>7-10</td>
<td>12-80</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td></td>
<td></td>
<td></td>
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<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td>B1</td>
<td>0113</td>
<td>001310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td>A2</td>
<td>0137</td>
<td>310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td></td>
<td>0138</td>
<td>310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td>A2</td>
<td>0140</td>
<td>114310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td>A2</td>
<td>0140</td>
<td>114310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
<td></td>
<td>0154</td>
<td>114310</td>
</tr>
<tr>
<td>C</td>
<td>06</td>
<td>6</td>
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PREPARED BY: 

DATE: 

APPROVED BY: 

DATE: 

RET. UNTIL ACTION TAKEN
### PAYROLL/PERSOONNEL
#### PROCESSING GROUP TABLE
UPAY803 (11/92)

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**UNCONDNL IND**
- b - (call based on triggers only)
- Y - (yes, call will always be made)

---

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- X
- X
- X

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**PREPARED BY:**

**DATE:**

**APPROVED BY:**

**DATE:**
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PREPARED BY: [ ]
DATE: [ ]

APPROVED BY: [ ]
DATE: [ ]
## PAYROLL/PERSONNEL

**SYSTEM MESSAGES TABLE**

UPAY554 (R5/93)

| A   | 08 | 13 | 015 | 01 | 02033 | DAILY PROCESS RUN. DATE UNCHANGED; EMPLOYMENT STATUS NOT REDETERMINED |

| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |
| 08  |    |    |     |    |       |                                                                 |

PREPARED BY: __________________________ DATE: ____________

APPROVED BY: __________________________ DATE: ____________

REVIEWED: __________________________ ACTION-TAKEN: ____________
The system control record now contains the following information:

- **Process Date:** 12/01/94
- **Special Processing Indicator:** Special Daily Process
- **Input Data Bypass Indicator:** On -- No input data can be processed, only periodic/special maintenance will occur
- **Data Base Generation Number:** 74
- **Activity Generation Number:** 000

Description for new daily process, value '4'
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<tr>
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UNIVERSITY OF CALIFORNIA-SYSTEMWIDE
PERIODIC MAINTENANCE
EMPLOYMENT STATUS DERIVATION DATE RANGE

PAGE NO. 000001
RUN DATE 05/26/95
### PAYROLL/PERSONNEL
### SYSTEM CONTROL RECORD
### UPAY630 (R3/95)

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<th>INIT PAY</th>
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### FIELD NAME

#### PROCESS DATE

Enter in MMDDYY format.

#### PERIOD INDICATORS

- **MO**: These are set to control periodic maintenance (i.e., next period begin indicators).
  - Enter the number of the month being started (e.g., "02" to end January and to start February).
- **Q**: Enter the number of the quarter being started (e.g., "1" to end the fourth quarter and to start the first).
- **YR**: Enter "1" to start new calendar year.
- **FY**: Enter "1" to start a new fiscal year.
- **INIT**: Enter "X" to initialize all indicators so that no periodic or special processing maintenance takes place. In this case, the prior four indicators must be blank, as must the Special Process Indicator (col. 37).

The next two fields are completed only in the event a restart is necessary. Consult your campus Systems Staff.

#### ACTIVITY GEN. NO.

If a change to the current activity generation number (which is the number of cycles the Activity History File has been through) is required, the desired value is entered in this field. Zeros cause initiation of the Data Base Maintenance edit cycle, i.e., all transactions which may be on the Activity History File are ignored.

#### INIT PAY

If the Payroll information carried in the System Control Record (i.e., date payroll ran, cycles paid) should be deleted, an "X" is placed in this field.

#### APPT/DIST PURGE DATE

Used only with Monthly Periodic Maintenance. Enter in MMDDYY format. Purge date is inclusive.

#### SPEC. PROC. IND.

Used to control Special Process Maintenance:

1. SIS file processing
2. Student FICA "Summer" Process
3. Student FICA "Fall" Process
4. Daily Process

---

**Change for new process:**

PREPARED BY: ___________  DATE: ___________  APPROVED BY: ___________  DATE: ___________