

Test Plan
RELEASE 1476
Addition of Foreign Address to UCRS File

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Information Systems & Computing
Office of the President
University of California

Testing Overview

This test plan addresses the test runs and cases constructed to verify the correct installation of Release 1476.

CONTROL TABLE (CTL) INITIAL LOAD (LOADCTL)

Description

This job loads the DB2 CTL database.

If there are any Control Table Transaction updates for this release, the Control Table Transaction updates are already reflected in the particular PDS members used for the loading of the DB2 CTL database.

Verification

Ensure that the DB2 CTL has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

EDB TABLE (EDB) INITIAL LOAD (LOADEDDB)

Description

This job loads the DB2 EDB database.

Verification

Ensure that the DB2 EDB has been successfully restored by verifying normal completion of the job and ensuring that all tables have been successfully loaded into the database.

RUN PPI740 BASE VERSION TO CREATE THE HISTORY FILE

Description

Compile PPI740 from base pointing to the test EDB database.

Allocate a dataset like PAYDIST.R1476.HISTORY1 with LRECL of 299. Add a Header Control record and a second record with a high value key(999999999). This is done because PPI740 considers all the records from EDB are less than history file key and so all the EDB records are considered for new additions logic.

Then run the JCL RUNI740B which creates the History file output PAYDIST.R1476.HISTORY2 in the old format (Record Length 299). The job also has a step to dump the file contents of all the input and output files for future comparison.

Verification

Check the Run Statistics and make sure that it has the following counts.

RUN STATISTICS:

| | |
|--|-----|
| NUMBER OF EMPLOYEES READ ON EDB | 346 |
| NUMBER OF NEW UCRS EMPLOYEES ON EDB | 333 |
| NUMBER OF UCRS EMPLOYEES WITH CHANGES | 0 |
| TOTAL NUMBER OF EMPLOYEES WRITTEN TO TRANSACTION FILE FOR PROCESSING AT UCRS | 333 |
| TOTAL NUMBER OF EMPLOYEES DROPPED FROM HISTORY FILE | 0 |
| TOTAL NUMBER OF EMPLOYEES ON NEW UCRS HISTORY FILE | 333 |

UCRS INFORMATION:

| RETIREMENT PLAN | ADD TRANSACTIONS |
|---------------------------------|------------------|
| UCRS COORDINATED FICA | 262 |
| UCRS NOT COORDINATED FICA | 13 |
| UCRS FY LIMITED COORD | 2 |
| UCRS FY LIMITED NOT COORD | 0 |
| UCRS TIER 2 COORDINATED FICA | 0 |
| UCRS TIER 2 NOT COORD FICA | 1 |
| UCRS 100% HAPC COORDINATED FICA | 0 |
| UCRS 100% HAPC NOT COORD FICA | 0 |
| SAFE HARBOR | 51 |
| LIMITED UCRS | 4 |
| VOLUNTARY UCRS | 0 |

CHANGE TRANSACTIONS and STATUS UNCHANGED will all have a value of 0.

Also check the file lengths and the counts of the dump matches with the above numbers.

EXPAND OLD HISTORY FILE LENGTH FROM 299 TO 445

Description

PPO14761 is a one-time program to expand length of UCRS History file from 299 to 445 for the add of Foreign Address fields and First, Middle & Last names. This expansion is done because we are adding Foreign Address fields in the middle of the history file inside the Home Address area and name details just above the last filler (26) in the file.

The exact location of the fields insertion is shown below:

HISTORY-RECORD.

| | | |
|------------------------------------|--------------|--|
| HISTORY-RECORD-PART1 | X(169) | -- Same as Old History |
| HISTORY-FOREIGN-ADDRESS-IND | X(1) | -- Foreign Address Indicator Added |
| HISTORY-RECORD-PART2 | X(11) | -- Same as Old History |
| HISTORY-FOREIGN-ADDRESS-DET | X(55) | -- Foreign Address Details Added |
| HISTORY-RECORD-PART3 | X(93) | -- Same as Old History |
| HISTORY-NAME-DETAILS | X(90) | -- First, Middle & Last Names Added |
| HISTORY-RECORD-PART3 | X(26) | -- Same as Old History |

Run the JCL PAYDIST.R1476.JCL(RUNONET1).

Give the Old History file created above PAYDIST.R1476.HISTORY2 as the input file in the HISTOLD DD name of the JCL. This onetime program will create the new History File PAYDIST.R1476.HISTORY3 which has the expanded records. This job also has a step to dump the output expanded history file for comparison purposes.

Verification

Now check the run statistics and verify that it has the following counts.

| | |
|-------------------------------|---------------|
| SPEC CARD: | PPO14761-SPEC |
| TOTAL NUMBER OF HISTORY INPUT | 334 |
| NEW HISTORY WRITTEN | 334 |

Check the record length of the new file (which has to be 445) and the number of records (which should be 334 as mentioned above).

CHECK OLD FILE DATA AND EXPANDED FILE DATA ARE SAME

Description

Now we need to verify that the data was not lost while expanding the length of the file. Submit the JCL PAYDIST.R1476.JCL(CRHIST1) which has 3 steps.

1. Deletes the temporary files
2. Extracts (1,169), (171,11), (237,93), (420,26) characters from the expanded history file.
3. Compares the file produced in Step 2 with the old history file used for input to PPO14761.

Verification

Verify that return code is 0 and the difference file PAYDIST.R1476.DIFFER01 is empty.

Also compare the dumps of the history file outputs produced in the above steps (dumps of PAYDIST.R1476.HISTORY2 and PAYDIST.R1476.HISTORY3).

Any Record -- Any Employee ID

| Positions in History3 | Positions in History2 | Check for Value |
|------------------------------|------------------------------|------------------------|
| 1 through 169 | 1 through 169 | EQUAL |
| 170 | | blank |
| 171 through 181 | 170 through 180 | EQUAL |
| 182 through 236 | SPACE | blank |
| 237 through 329 | 181 through 273 | EQUAL |
| 330 through 419 | | blank |
| 420 through 445 | 274 through 299 | EQUAL |

RUN SPUFI TO REPORT ALL FOREIGN ADDRESS DETAILS

Description

Now run the JCL PAYDIST.R1476.SQL(RUNQUERY) which reports all the foreign address details from PPPFAD and their Name Details from PPPPER table.

Verification

The report should look like below.

| | EMPLOYEE_ID | FAD_COUNTRY | FAD_PROVINCE | FAD_POSTAL_CODE |
|----|-------------|-------------|----------------|-----------------|
| 1_ | 000050016 | ID | BANDUNG INDO | 8888888888 |
| 2_ | 000050026 | DA | HORSHOLM DENMK | 8888888888 |
| 3_ | 000050036 | KS | SOUTH KOREA | 8888888888 |
| 4_ | 000050046 | UK | UK | 8888888888 |
| 5_ | 000050066 | SP | SPAIN | 8888888888 |
| 6_ | 000050086 | PM | PANAMA | 8888888888 |
| 7_ | 000050124 | VQ | VIRGIN ISL | 8888888888 |

| | EMPLOYEE_ID | 1st_NAME | MIDDLE_NAME | LAST_NAME |
|----|-------------|----------|-------------|-----------|
| 1_ | 000050016 | SIMON | | SESS |
| 2_ | 000050026 | JUAN | | FORMABABY |
| 3_ | 000050036 | GEORGE | WASHINGTON | SLEPTIER |
| 4_ | 000050046 | COLE | | LA DRINK |
| 5_ | 000050066 | CARSON | | BUSSES |
| 6_ | 000050086 | RAY | D. | ATOR |
| 7_ | 000050124 | MORRIE | | EALE |

| | FAD_COUNTRY | FCT_COUNTRY_NAME |
|----|-------------|------------------------------|
| 1_ | DA | DENMARK |
| 2_ | KS | KOREA, REPUBLIC OF (SOUTH) |
| 3_ | ID | INDONESIA |
| 4_ | VQ | VIRGIN ISLANDS (U.S.) |
| 5_ | UK | UNITED KINGDOM & NO. IRELAND |
| 6_ | SP | SPAIN AND CANARY ISLANDS |
| 7_ | PM | PANAMA |

Except the last record all the 6 records are already in the History file. So first we can use these 6 records for Foreign address changes test.

RUN PPI740 NEW VERSION TO CREATE NEW HISTORY FILE

Description

Compile PPI740 from PAYDIST.R1476.COBOL(PPI740) pointing to the test EDB database.

Use the expanded History file PAYDIST.R1476.HISTORY3 with LRECL of 445 for the input.

Submit the JCL RUNI740 which creates the History file output PAYDIST.R1476.HISTORY4 in the new format(Record Length 445) with all the Foreign Address details and Name details populated. This job also has a step to dump the output history and UCRSFM files for verification purposes.

Verification

Check the Run Statistics and make sure that it has the following counts.

RUN STATISTICS:

| | |
|--|-----|
| NUMBER OF EMPLOYEES READ ON EDB | 346 |
| NUMBER OF NEW UCRS EMPLOYEES ON EDB | 0 |
| NUMBER OF UCRS EMPLOYEES WITH CHANGES | 333 |
| TOTAL NUMBER OF EMPLOYEES WRITTEN TO TRANSACTION FILE FOR PROCESSING AT UCRS | 333 |
| TOTAL NUMBER OF EMPLOYEES DROPPED FROM HISTORY FILE | 0 |
| TOTAL NUMBER OF EMPLOYEES ON NEW UCRS HISTORY FILE | 333 |

UCRS INFORMATION:

| RETIREMENT PLAN | CHANGE TRANSACTIONS |
|---------------------------------|---------------------|
| UCRS COORDINATED FICA | 262 |
| UCRS NOT COORDINATED FICA | 13 |
| UCRS FY LIMITED COORD | 2 |
| UCRS FY LIMITED NOT COORD | 0 |
| UCRS TIER 2 COORDINATED FICA | 0 |
| UCRS TIER 2 NOT COORD FICA | 1 |
| UCRS 100% HAPC COORDINATED FICA | 0 |
| UCRS 100% HAPC NOT COORD FICA | 0 |
| SAFE HARBOR | 51 |
| LIMITED UCRS | 4 |
| VOLUNTARY UCRS | 0 |

ADD TRANSACTIONS and STATUS UNCHANGED will all have a value of 0.

COMPARE HISTORY FILES

Description

Now we are going to prove that there is no data except Foreign Address area and Names area.

In the history file following are the Employee IDs with the foreign address details.

000050016 000050026 000050036 000050046 000050066 000050086

So we need to Filter out all the 6 Foreign Address records. Because if we prove that there is no change in other records then we can concentrate on all the Foreign Address records one by one.

The Transaction type field which is at (28,2) needs to be masked in the comparison.

This masking is done because

- a. In the Old file all the records produced were add transaction (transaction type '10') and
- b. In the New file all the transactions were no add /no change (transaction type '00') or change transaction (transaction type '11').

The newly added First, Middle and Last Name Area (330,90) needs to be masked as well.

Also the Coverage Indicator field which is at (299,1) needs to be masked in the comparison.

This masking of the Coverage Indicator is done because there is a known situation which is explained below:

In PPI740 program, whenever an EDB employee is not found in Old History then a new record is generated and written into New History file and also to the UCRS FM file. While generating the new record in the following code is used to populate the Coverage Indicator.

IF EMP-REP-CODE = 'S'

MOVE 'U' TO FM-EMP-COVERAGE-IND

ELSE

MOVE EMP-REP-CODE TO FM-EMP-COVERAGE-IND.

When an EDB employee matches with the Old History then the following code is executed when we check for a change in Coverage Indicator field with the EDB.

IF EMP-REP-CODE NOT = WI-HIST-EMP-COVERAGE-IND

MOVE EMP-REP-CODE TO FM-EMP-COVERAGE-IND

WO-HIST-EMP-COVERAGE-IND

MOVE WC-AN-11

TO WO-HIST-TRANS-TYPE.

So what appears to be happening is that the employees who are coded 'S' in their coverage indicator have the code reported as a 'U' the very first time their record is sent to UCRS. Thereafter, the record is sent as an 'S' so it basically changes once only. After that it will be seen as an 'S' and unchanged all future times we send an updated record.

We have verified that UCRS is getting the 'S' values from campuses and since we haven't had any complaints from them, so we have decided not to change anything right now because of the potential side effects of this change could be more.

Now run the JCL PAYDIST.R1476.JCL(CRHIST2) which compares the Old and New History files after masking fields and filtering out the 6 foreign address records.

Verification

Verify that return code is zero and there is no difference between these 2 files between 1-27, 30-298, 300-329 and 420-445 for all the records other than the above 6 foreign address records (Record Numbers 18, 28, 37, 47, 63, 81).

Also for the **manual** compare, compare the input file PAYDIST.R1476.HISTORY3 dump and output file PAYDIST.R1476.HISTORY4 dump between **1-27, 30-298, 300-329 and 420-445 for all the records other than the 6 foreign address records mentioned below (Record Numbers 18, 28, 37, 47, 63, 81).**

| Record Number | Employee Number |
|---------------|-----------------|
| 18 | 000050016 |
| 28 | 000050026 |
| 37 | 000050036 |
| 47 | 000050046 |
| 63 | 000050066 |
| 81 | 000050086 |

Any Employee except the 6 Records above

| Positions in History3 | Positions in History4 | Check Value/Condition |
|--------------------------------------|--------------------------------------|-----------------------|
| 1-27 30-298 300-329 420-445 | 1-27 30-298 300-329 420-445 | EQUAL |

There should be no change between these 2 compares.

COMPARE HISTORY FILE'S FOREIGN ADDR EMPLOYEES

Description

The Transaction type field which is at (28,2) needs to be masked in the comparison. This making is done because

- a. In the Old file all the records produced were add transaction(transaction type '10') and
- b. In the New file all the transactions were change (transaction type '11').
- c. The Coverage Indicator field which is at (299,1) needs to be masked in the comparison.

Now we need to prove here that there is no change in the other fields of the record except the Home Address and Name details.

So we should

- a. Filter out all records except 6 Foreign Address records for the comparison.
- b. Mask the Home Address field at (170,67) and Name Area (330,90).

Now run the JCL PAYDIST.R1476.JCL(CRHIST3) which compares the Old and New History files after masking fields and filtering out records as I have mentioned above.

Verification

Make sure the return code is zero and there is no difference between these 2 files.

For the **manual** compare, compare the input file PAYDIST.R1476.HISTORY3 dump and output file PAYDIST.R1476.HISTORY4 dump between **1-27, 30-169, 237-298, 300-329 and 420-445 for the 6 foreign address records (Record Numbers 18, 28, 37, 47, 63, 81).**

| Record Number | Employee Number | Positions in History3 | Positions in History4 | Check Value/ Condition |
|---------------|-----------------|---|---|------------------------|
| 18 | 000050016 | 1-27 30-169 237-298 300-329 420-445 | 1-27 30-169 237-298 300-329 420-445 | EQUAL |
| 28 | 000050026 | Same as above | Same as above | EQUAL |
| 37 | 000050036 | Same as above | Same as above | EQUAL |
| 47 | 000050046 | Same as above | Same as above | EQUAL |
| 63 | 000050066 | Same as above | Same as above | EQUAL |
| 81 | 000050086 | Same as above | Same as above | EQUAL |

There should be no change between these 2 compares.

COMPARE ADDR AND NAMES FOR 6 FOREIGN ADDR EMPLOYEES

Description

Since we have proved that there is no other change except the Home Address area and all the Newly added First, Middle & Last Names of the 6 Employee IDs, we have to compare these details and verify that we get the same result as input Foreign Address details and Names.

Input Foreign Address details from PPPFAD and PPPPER are:

| | EMPLOYEE_ID | FAD_COUNTRY | FAD_PROVINCE | FAD_POSTAL_CODE |
|----|-------------|-------------|----------------|-----------------|
| 1_ | 000050016 | ID | BANDUNG INDO | 8888888888 |
| 2_ | 000050026 | DA | HORSHOLM DENMK | 8888888888 |
| 3_ | 000050036 | KS | SOUTH KOREA | 8888888888 |
| 4_ | 000050046 | UK | UK | 8888888888 |
| 5_ | 000050066 | SP | SPAIN | 8888888888 |
| 6_ | 000050086 | PM | PANAMA | 8888888888 |

| | EMPLOYEE_ID | 1st_NAME | MIDDLE_NAME | LAST_NAME |
|----|-------------|----------|-------------|-----------|
| 1_ | 000050016 | SIMON | | SESS |
| 2_ | 000050026 | JUAN | | FORMABABY |
| 3_ | 000050036 | GEORGE | WASHINGTON | SLEPTIER |
| 4_ | 000050046 | COLE | | LA DRINK |
| 5_ | 000050066 | CARSON | | BUSSES |
| 6_ | 000050086 | RAY | D. | ATOR |

| | FAD_COUNTRY | FCT_COUNTRY_NAME |
|----|-------------|------------------------------|
| 1_ | DA | DENMARK |
| 2_ | KS | KOREA, REPUBLIC OF (SOUTH) |
| 3_ | ID | INDONESIA |
| 4_ | UK | UNITED KINGDOM & NO. IRELAND |
| 5_ | SP | SPAIN AND CANARY ISLANDS |
| 6_ | PM | PANAMA |

Input file is **PAYDIST.R1476.HISTORY3** and Output file **PAYDIST.R1476.HISTORY4**.
Now verify the Home Address details for the above Employee IDs.

Record Number 18 -- Employee ID 000050016

| Positions | History3 | History4 |
|------------------|-----------------|-----------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'BANDUNG INDO' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'INDONESIA' |
| 330 through 359 | SPACE | SIMON |
| 360 through 389 | SPACE | SPACE |
| 390 through 419 | SPACE | SESS |

Record Number 28 -- Employee ID 000050026

| Positions | History3 | History4 |
|------------------|-----------------|-------------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'HORSHOLM DENMK ' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'DENMARK' |
| 330 through 359 | SPACE | JUAN |
| 360 through 389 | SPACE | SPACE |
| 390 through 419 | SPACE | FORMABABY |

Record Number 37 -- Employee ID 000050036

| Positions | History3 | History4 |
|------------------|-----------------|------------------------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'SOUTH KOREA' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'KOREA, REPUBLIC OF (SOUTH)' |
| 330 through 359 | SPACE | GEORGE |
| 360 through 389 | SPACE | WASHINGTON |
| 390 through 419 | SPACE | SLEPTIER |

Record Number 47 -- Employee ID 000050046

| Positions | History3 | History4 |
|------------------|-----------------|--------------------------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'UK' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'UNITED KINGDOM & NO. IRELAND' |
| 330 through 359 | SPACE | COLE |
| 360 through 389 | SPACE | SPACE |
| 390 through 419 | SPACE | LA DRINK |

Record Number 63 -- Employee ID 000050066

| Positions | History3 | History4 |
|------------------|-----------------|----------------------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'SPAIN' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'SPAIN AND CANARY ISLANDS' |
| 330 through 359 | SPACE | CARSON |
| 360 through 389 | SPACE | SPACE |
| 390 through 419 | SPACE | BUSSES |

Record Number 81 -- Employee ID 000050086

| Positions | History3 | History4 |
|------------------|-----------------|-----------------|
| 170 | SPACE | 'F' |
| 171 through 181 | SPACE | SPACE |
| 182 through 196 | SPACE | 'PANAMA' |
| 197 through 206 | SPACE | '8888888888' |
| 207 through 236 | SPACE | 'PANAMA' |
| 330 through 359 | SPACE | RAY |
| 360 through 389 | SPACE | D. |
| 390 through 419 | SPACE | ATOR |

CHECK UCRSFM FILE

Description

Now we need to verify that all the above records in the history file is also recorded into UCRSFM file. Because UCRSFM file will have all the changes or additions to the History file.

Verify that **Home Address of UCRSFM records in the file PAYDIST.R1476.UCRSFM01 matches with the Foreign Address details shown above for each Employee ID.**

Verification

Record Number 17 -- SOCIAL:55555016 Employee Id: 00050016

| Positions | UCRSFM01 |
|-----------------|----------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | 'BANDUNG INDO' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'INDONESIA' |
| 321 through 350 | SIMON |
| 351 through 380 | SPACE |
| 381 through 410 | SESS |

Record Number 27 -- SOCIAL:453525126 Employee Id: 00050026

| Positions | UCRSFM01 |
|-----------------|-------------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | 'HORSHOLM DENMK ' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'DENMARK' |
| 321 through 350 | JUAN |
| 351 through 380 | SPACE |
| 381 through 410 | FORMABABY |

Record Number 36 -- SOCIAL:566741512 Employee Id: 00050036

| Positions | UCRSFM01 |
|-----------------|------------------------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | 'SOUTH KOREA' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'KOREA, REPUBLIC OF (SOUTH)' |
| 321 through 350 | GEORGE |
| 351 through 380 | WASHINGTON |
| 381 through 410 | SLEPTIER |

Record Number 46 -- SOCIAL: 873345888

Employee Id: 00050046

| Positions | UCRSFM01 |
|------------------|--------------------------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | ' UK' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'UNITED KINGDOM & NO. IRELAND' |
| 321 through 350 | COLE |
| 351 through 380 | SPACE |
| 381 through 410 | LA DRINK |

Record Number 62 -- SOCIAL: 668141771

Employee Id: 00050066

| Positions | UCRSFM01 |
|------------------|----------------------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | ' SPAIN' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'SPAIN AND CANARY ISLANDS' |
| 321 through 350 | CARSON |
| 351 through 380 | SPACE |
| 381 through 410 | BUSSES |

Record Number 80 -- SOCIAL: 666771111

Employee Id: 00050086

| Positions | UCRSFM01 |
|------------------|-----------------|
| 161 | 'F' |
| 162 through 172 | SPACE |
| 173 through 187 | ' PANAMA' |
| 188 through 197 | '8888888888' |
| 198 through 227 | 'PANAMA' |
| 321 through 350 | RAY |
| 351 through 380 | D. |
| 381 through 410 | ATOR |

UPDATE EDB FOR MORE TESTING ON HOME ADDRESS

Description

Let us now do some more testing on random employee selection as described below.

The steps for these changes in CICS Screen are:

- a. EADD with the Employee ID given below.
- b. Change the value as described below.
- c. Press PF5 to Update the changes.
- d. There will be one more screen if there is Foreign Address Indicator is 'F'. Press PF5 again in that screen.
- e. Look for the message "Update process complete" at the bottom of the screen.

| Employee Id / SSN (Name) | EADD Screen Description | Current Value | Changed Value |
|---|---|--|--|
| 000050016 / 555555016 (SESS, SIMON) | Postal Code: | 8888888888 | 9999999999 |
| 000050026 / 453525126 (FORMABABY, JUAN) | Prov: | HORSHOLM DENMK | HORSHOLM |
| 000050046 / 873345888 (LA DRINK, COLE) | City: Prov: Country: Postal Code: | SUSSEX UNITED KINGDOM UK UK 8888888888 | PARIS FRANCE FR 7777777777 |
| 000050054 / 655233334 (BROTHERS, WARNER) | Permanent Address Line 1: Line 2: City: State: Zip: Foreign Addr Ind: Prov: Country: Postal Code: | 1632 SEGOVIA STREET Space GOLETA CA 93017 Space Space Space Space Space | HSB SERVICES CENTER 121 SHERRARD ROAD, FOREST GATE LONDON Space Space F ENGLAND UK 9999999999 |
| 000050086 / 666771111 (ATOR, RAY D.) | Permanent Address Line 1: Line 2: City: State: Zip: Foreign Addr Ind: Prov: Country: Postal Code: | US AGRI CNTR--PANAMA C.Z.SEC.5 CANL Z. 5 PANAMA CITY, PANAMA Space Space F PANAMA PM 8888888888 | BSK DISTRIBUTION 448 DEMPSEY ROAD, #149 MILPITAS CA 94536 Space Space Space Space |

UPDATE EDB FOR TESTING OF FIRST, MIDDLE AND LAST NAMES

Description

Let us now do some more testing on random employee selection as described below.

The steps for these changes in CICS Screen are:

- A Option EEID with the Employee ID given below.
- B Change the value as described below.
- C Press PF5 to Update the changes.
- D Look for the message “Update process complete” at the bottom of the screen.

| Employee Id / SSN (Name) | Screen Desc | Current Value | Changed Value |
|---|---|--|--|
| 000050087 / 717224335 (FORTH,SALLY) | First Name : | SALLY | LINDA |
| 000050091 / 551098541 (CLARE,IDY) | Middle Name: | blank | NOBLE |
| 000050099 / 155673778 (GATE,DELLA) | Last Name : | GATE | APOLONIO |
| 000050101 / 575665778 (MANDER,SALLY) | First Name : Middle Name: Last Name : | SALLY MANDER | CHANDRAPUSHPAMENNAIPETHTHAAMMA ARUNACHALANADARENGALUKKUTHATHA CHITRAVELNADARENNAIPETHTHAAPPA |
| 000050102 / 875665778 (THYME,JUSTIN) | First Name : Middle Name: Last Name : | JUSTIN THYME | JOHN IMMANUEL FITZERALD |
| 000050109 / 100050234 (NELLURUDAIUN ULLAMK, KAKKAC) | First Name : Middle Name: Last Name : | KAKKACHCHITHANKACHITHANGARATHY KALLURANDAIMEANSKALKONAURUNDAI NELLURUDAIUNULLAMKONDAPURUSHAN | KAKKACHCHIKALLURUNDAI UNPURUSHAN NELLURUNDAI |

HIRE EMPLOYEES WITH A FOREIGN AND A DOMESTIC ADDRESS

Description

Let us now hire employees with a foreign address and a domestic address.

The steps needed for these hiring using CICS Screens are also mentioned in the following table in the options section.

HIRE AN EMPLOYEE WITH A DOMESTIC HOME ADDRESS:

| New Employee Id / SSN (Name) | Screen Description | Current Value | Options |
|---|--|---|--|
| 801222020 / 801555020 (JOHNSON, WILLIAM HENRY) | Employee ID : SSN : First Name : Middle Name : Last Name : Date of Birth : | 801222020 801555020 WILLIAM HENRY JOHNSON 101649 | Option HIRE. First screen you get is EEID. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Sex: Ethnic: Citizenship: Student Status: | M F C 1 | Second Screen will be EPD1. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Permanent Address Line 1: Line 2: City: State: Zip: | 1919 STAGE ROAD APARTMENT #302 SMALLVILLE CA 94610 | Third Screen will be EADD. Enter the details as shown here. Press PF11 to go to the next screen. |
| | PIN Signature Date: Oath Signature Date: | 070102 070102 | Fourth Screen will be EPD2. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Assigned BELI : Effective Date : Date of Hire : Employee Relations Unit: Home Department : Primary Title Code : Job Group ID : | 1 070102 070102 99 804918 7274 999 | Fifth Screen will be EPER. Enter the details as shown here. Press PF11 to go to the next screen. Press PF5 to Update the changes. Look for the message "Update process complete" at the bottom. |

HIRE AN EMPLOYEE WITH A FOREIGN HOME ADDRESS:

| New Employee Id / SSN (Name) | Screen Description | Current Value | Options |
|---|--|---|--|
| 802666050 / 802777050 (HELBICK, MIKE JOHN) | Employee ID : SSN : First Name : Middle Name : Last Name : Date of Birth : | 802666050 802777050 MIKE JOHN HELBICK 111859 | Option HIRE. First screen you get is EEID. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Sex: Ethnic: Citizenship: Student Status: | M F C 1 | Second Screen will be EPD1. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Permanent Address Line 1: Line 2: City: Foreign Addr Ind: Prov: Country: Postal Code: | 16 KNOX ROAD STRATFORD LONDON F ENGLAND UK 6666666666 | Third Screen will be EADD. Enter the details as shown here. Press PF11 to go to the next screen. |
| | PIN Signature Date: Oath Signature Date: | 090102 090102 | Fourth Screen will be EPD2. Enter the details as shown here. Press PF11 to go to the next screen. |
| | Assigned BELI : Effective Date : Date of Hire : Home Department : Primary Title Code : Job Group ID : | 1 090102 090102 804918 7275 999 | Fifth Screen will be EPER. Enter the details as shown here. Press PF11 to go to the next screen. Press PF5 to Update the changes. Look for the message "Update process complete" at the bottom. |

RUN PPI740 WITH PREVIOUS OUTPUT HISTORY AS INPUT

Description

Once the update is done as described above, run the JCL PAYDIST.R1476.JCL(RUNI740F) with PAYDIST.R1476.HISTORY4 as the input. This run creates in the new format History file output PAYDIST.R1476.HISTORY5 and UCRSFM02. This job also has a step to dump the output History and UCRSFM files for verification purposes.

Verification

Verify the Run Statistics as shown below.

RUN STATISTICS:

| | |
|--|-----|
| NUMBER OF EMPLOYEES READ ON EDB | 348 |
| NUMBER OF NEW UCRS EMPLOYEES ON EDB | 2 |
| NUMBER OF UCRS EMPLOYEES WITH CHANGES | 11 |
| TOTAL NUMBER OF EMPLOYEES WRITTEN TO TRANSACTION FILE FOR PROCESSING AT UCRS | 13 |
| TOTAL NUMBER OF EMPLOYEES DROPPED FROM HISTORY FILE | 0 |
| TOTAL NUMBER OF EMPLOYEES ON NEW UCRS HISTORY FILE | 335 |

Check the input and output dumps for the new values described below with the position details.

Test 1:

Test to change Postal code of Employee ID **000050016**.

Verify that the new Postal code is updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|--|---------------------------|----------------------------------|----------------------------------|
| 18 | 000050016 / 555555016 (SESS, SIMON) | 197 - 206 | 8888888888 | 9999999999 |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--|---------------------------|--------------------------|
| 1 | 000050016 / 555555016 (SESS, SIMON) | 188 - 197 | 9999999999 |

Test 2:

Test to change Province of Employee ID **000050026**.

Verify that the new Province is updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|--|---------------------------|----------------------------------|----------------------------------|
| 28 | 000050026 / 453525126 (FORMABABY, JUAN) | 182 - 196 | HORSHOLM DENMARK | HORSHOLM |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--|---------------------------|--------------------------|
| 2 | 000050026 / 453525126 (FORMABABY, JUAN) | 173 - 187 | HORSHOLM |

Test 3:

Test to change City, Province, Country and Postal Code of Employee ID **000050046**.

Verify that the new City, Province, Country and Postal Code are updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|---|--|--|---|
| 47 | 000050046 / 873345888 (LA DRINK, COLE) | 149 - 169 182 - 196 207 - 236 197 - 206 | SUSSEX UNITED KINGDOM UK UK 8888888888 | PARIS FRANCE FRANCE 7777777777 |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|--|---|
| 3 | 000050046 / 873345888 (LA DRINK, COLE) | 140 - 160 173 - 187 198 - 227 188 - 197 | PARIS FRANCE FRANCE 7777777777 |

Test 4:

Test to change Permanent Address Line1, Line2, City, State, Zip, Foreign Addr Indicator, Province, Country and Postal Code of Employee ID **000050054**. This employee currently has **Domestic** Home address and we are changing this Home address to a **Foreign** address.

Verify that the new Permanent Address Line1, Line2, City, State, Zip, Foreign Addr Indicator, Province, Country and Postal Code are updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|--|--|--|---|
| 54 | 000050054 / 655233334 (BROTHERS, WARNER) | 89 - 118 119 - 148 149 - 169 171 - 172 173 - 181 170 182 - 196 207 - 236 197 - 206 | 1632 SEGOVIA STREET Space GOLETA CA 93017 Space Space Space Space Space | HSB SERVICES CENTER 121 SHERRARD ROAD, FOREST GATE LONDON Space Space F ENGLAND UNITED KINGDOM & NO. IRELAND 9999999999 |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--|--|---|
| 4 | 000050054 / 655233334 (BROTHERS, WARNER) | 80 - 109 110 - 139 140 - 160 162 - 163 164 - 172 161 173 - 187 198 - 227 188 - 197 | HSB SERVICES CENTER 121 SHERRARD ROAD, FOREST GATE LONDON Space Space F ENGLAND UNITED KINGDOM & NO. IRELAND 9999999999 |

Test 5:

Test to change Permanent Address Line1, Line2, City, State, Zip, Foreign Addr Indicator, Province, Country and Postal Code of Employee ID **000050086**. This employee currently has **Foreign** Home address and we are changing this Home address to a **Domestic** address.

Verify that the new Permanent Address Line1, Line2, City, State, Zip, Foreign Addr Indicator, Province, Country and Postal Code are updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|---|---------------------------|----------------------------------|----------------------------------|
| 81 | 000050086 / 666771111 (ATOR, RAY D.) | 89 - 118 | US AGRI CNTR-- | BSK DISTRIBUTION |
| | | 119 - 148 | PANAMA C.Z.SEC.5 | 448 DEMPSEY ROAD, |
| | | 149 - 169 | CANL Z. 5 | #149 |
| | | 171 - 172 | PANAMA CITY, | MILPITAS |
| | | 173 - 181 | PANAMA | CA |
| | | 170 | Space | 94536 |
| | | 182 - 196 | Space | Space |
| | | 207 - 236 | F | Space |
| | | 197 - 206 | PANAMA | Space |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|---------------------------|--------------------------|
| 5 | 000050086 / 666771111 (ATOR, RAY D.) | 80 - 109 | BSK DISTRIBUTION |
| | | 110 - 139 | 448 DEMPSEY ROAD, |
| | | 140 - 160 | #149 |
| | | 162 - 163 | MILPITAS |
| | | 164 - 172 | CA |
| | | 161 | 94536 |
| | | 173 - 187 | Space |
| | | 198 - 227 | Space |
| | | 188 - 197 | Space |

Test 6:

Test to change only the First Name of an existing Employee ID **000050087**.

Verify that the new First Name is updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|--|---------------------------|----------------------------------|----------------------------------|
| 82 | 000050087 / 717224335 (FORTH,SALLY) | 330 thru 359 | SALLY | LINDA |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--|---------------------------|--------------------------|
| 6 | 000050087 / 717224335 (FORTH,SALLY) | 321 thru 350 | LINDA |

Test 7:

Test to change only the Middle Name of an existing Employee ID **000050091**.

Verify that the new Middle Name is updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|--------------------------------------|---------------------------|----------------------------------|----------------------------------|
| 83 | 000050091 / 551098541 (CLARE,IDY) | 360 thru 389 | SPACE | NOBLE |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--------------------------------------|---------------------------|--------------------------|
| 7 | 000050091 / 551098541 (CLARE,IDY) | 351 thru 380 | NOBLE |

Test 8:

Test to change only the Last Name of an existing Employee ID **000050099**.

Verify that the new Last Name is updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|---------------------------------------|---------------------------|----------------------------------|----------------------------------|
| 84 | 000050099 / 155673778 (GATE,DELLA) | 390 thru 419 | GATE | APOLONIO |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---------------------------------------|---------------------------|--------------------------|
| 8 | 000050099 / 155673778 (GATE,DELLA) | 381 thru 410 | APOLONIO |

Test 9:

Test to change First, Middle & Last names that is less than 30 characters for each field to a full 30 characters for each field for an existing Employee ID **000050101**.

Verify that the new 30 digit First, Middle and Last Names are updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|---|--|----------------------------------|--|
| 85 | 000050101 / 575665778 (MANDER,SALLY) | 330 thru 359 360 thru 389 390 thru 419 | SALLY MANDER | CHANDRAPUSHPAMENNAIPETHTHAAMMA ARUNACHALANADARENGALUKKUTHATHA CHITRAVELNADARENNAIPETHTHAAPPA |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|--|--|
| 9 | 000050101 / 575665778 (MANDER,SALLY) | 321 thru 350 351 thru 380 381 thru 410 | CHANDRAPUSHPAMENNAIPETHTHAAMMA ARUNACHALANADARENGALUKKUTHATHA CHITRAVELNADARENNAIPETHTHAAPPA |

Test 10:

Test to change First, Middle & Last names of an existing Employee ID **000050102**.

Verify that the new First, Middle and Last Names are updated in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|---------------|---|--|----------------------------------|----------------------------------|
| 86 | 000050102 / 875665778 (THYME,JUSTIN) | 330 thru 359 360 thru 389 390 thru 419 | JUSTIN THYME | JOHN IMMANUEL FITZERALD |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|--|-------------------------------|
| 10 | 000050102 / 875665778 (THYME,JUSTIN) | 321 thru 350 351 thru 380 381 thru 410 | JOHN IMMANUEL FITZERALD |

Test 11:

Test to change First, Middle & Last names which is 30 characters for each field to a less than 30 characters for each field for an existing Employee ID **000050109**.

Verify that the new First, Middle and Last Names are updated in the new History record and UCRSFM file.

| Rec No | Employee Id / SSN (Name) | Position at the file Dump | Current Value at HISTORY4 | Changed Value at HISTORY5 |
|--------|--|--|---|--|
| 89 | 000050109 / 100050234 (NELLURUDAI UNULLAMK, KAKKAC) | 330 thru 359 360 thru 389 390 thru 419 | KAKKACHCHITHANKACHITHANGARATHY KALLURANDAIMEANSKALKONAUURUNDAI NELLURUDAIUNULLAMKONDAPURUSHAN | KAKKACHCHIKALLURUNDAI UNPURUSHAN NELLURUNDAI |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|--|--|
| 11 | 000050109 / 100050234 (NELLURUDAIUNULLAMK, KAKKAC) | 321 thru 350 351 thru 380 381 thru 410 | KAKKACHCHIKALLURUNDAI UNPURUSHAN NELLURUNDAI |

Test 12:

Test to Hire an Employee ID **801222020** with a **Domestic address**.

Verify that all the details are as same as the input details in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at HISTORY5 |
|---------------|--|--|--|
| 229 | 801222020 / 801555020 (JOHNSON, WILLIAM HENRY) | 1-9 11-19 30-55 70-75 76 77-82 89 - 118 119 - 148 149 – 169 170 171 - 172 173 - 181 182 – 196 197-206 207 – 236 295-296 311 330 - 359 360 - 389 390 - 419 | 801222020 801555020 JOHNSON, WILLIAM HENRY 491016 M 020701 1919 STAGE ROAD APARTMENT #302 SMALLVILLE Space CA 94610 Space Space Space Space 1 WILLIAM HENRY JOHNSON |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|--|--|--|
| 12 | 801222020 / 801555020 (JOHNSON, WILLIAM HENRY) | 2-10 21-46 61-66 67 68-73 80 - 109 110 - 139 140 – 160 161 162-163 164-172 173-187 188-197 198-227 286-287 302 321-350 351-380 381-410 | 801555020 JOHNSON, WILLIAM HENRY 491016 M 020701 1919 STAGE ROAD APARTMENT #302 SMALLVILLE Space CA 94610 Space Space Space Space Space 1 WILLIAM HENRY JOHNSON |

Test 13:

Test to Hire an Employee ID **802666050** with a **Foreign address**.

Verify that all the details are as same as the input details in the new History record and UCRSFM file.

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at HISTORY5 |
|---------------|---|--|---|
| 230 | 802666050 / 802777050 (HELBICK, MIKE JOHN) | 1-9 11-19 30-55 70-75 76 77-82 89 - 118 119 - 148 149 - 169 170 171 - 172 173 - 181 182 - 196 197-206 207 - 236 295-296 311 330 - 359 360 - 389 390 - 419 | 802666050 802777050 HELBICK, MIKE JOHN 591118 M 020901 16 KNOX ROAD STRATFORD LONDON F Space Space ENGLAND 6666666666 UNITED KINGDOM & NO. IRELAND Space 1 MIKE JOHN HELBICK |

| Record Number | Employee Id / SSN (Name) | Position at the file Dump | Value at UCRSFM02 |
|---------------|---|--|--|
| 13 | 802666050 / 802777050 (HELBICK, MIKE JOHN) | 2-10 21-46 61-66 67 68-73 80 - 109 110 - 139 140 - 160 161 162-163 164-172 173-187 188-197 198-227 286-287 302 321-350 351-380 381-410 | 802777050 HELBICK, MIKE JOHN 591118 M 020901 16 KNOX ROAD STRATFORD LONDON F Space Space ENGLAND 6666666666 UNITED KINGDOM & NO. IRELAND Space 1 MIKE JOHN HELBICK |