```
1 ALTER SESSION SET NLS DATE FORMAT = 'DD-MON-YYYY';
 2 SET feedback OFF
 3 SET echo OFF
 4 --|-----
5 --|
6 --
        SENTRY_STATS_VALIDATION.SQL
7 --|
8 --| FUNCTION: Run some integrity checks prior to inserting into UNLS
9 --|
10 -- MODIFICATION HISTORY:
11 --|
12 -- PROJECT# TASK DATE TECH ACTION
13 -- -----
14 -- PLI32502.31220 20-JUN-2016 JPC INITIAL CREATION
15 --|
16 --|-----
17 SET SERVEROUT ON
18 prompt -----
19
20
21
   prompt Beginning VALIDATION Process
22 DECLARE
23
    WS POLNUM SUNL.SUNL WC POLNUMBER%TYPE;
24
    WS POLEFF SUNL.SUNL WC EFFDATE%TYPE;
25
26
    WS RPTDTE SUNL.SUNL CL REPORT DATE%TYPE;
    WS CLSCDE SUNL.SUNL CL RVHS CLASS CODE%TYPE;
27
28
    WS REPIND SUNL.SUNL CL PREV REP IND%TYPE;
    WS CVGCDE SUNL.SUNL CL LOSS COVG CODE%TYPE:
29
    WS NOCLMS SUNL.SUNL CL NUMBER OF CLAIMS%TYPE;
30
    WS ACCDTE SUNL.SUNL CL ACCIDENT DATE%TYPE;
31
32
    WS CLMNUM SUNL.SUNL CL CLAIM NUMBER%TYPE;
33
    WS CLSTTS SUNL.SUNL CL CLAIM STATUS%TYPE;
    WS_INJCDE SUNL.SUNL_CL_INJURY_CODE%TYPE;
34
35
    WS CATNUM SUNL.SUNL CL CAT NUMBER%TYPE;
    WS INDAMT SUNL.SUNL CL INDEMNITY AMOUNT%TYPE;
36
37
    WS MEDAMT SUNL.SUNL CL MEDICAL AMOUNT%TYPE;
38
    WS FEINNO SUNL.SUNL CL SSN%TYPE;
39
    WS UPDTYP SUNL.SUNL CL UPDATE TYPE%TYPE;
40
    WS LSSACT SUNL.SUNL CL LOSS ACT%TYPE;
    WS LSSTYP SUNL.SUNL CL LOSS TYPE%TYPE;
41
42
    WS LSSREC SUNL.SUNL CL LOSS RECOVERY%TYPE;
43
    WS LSSCOV SUNL.SUNL CL LOSS COVERAGE%TYPE;
    WS LSSSTL SUNL.SUNL CL LOSS SETTLEMENT%TYPE;
44
    WS_STATNO SUNL.SUNL_STAT_GB_STATE_NO%TYPE;
45
    WS HMOTYP SUNL.SUNL CL MANG CARE ORG TYPE%TYPE;
46
    WS POBINO SUNL.SUNL CL INJ DESC CODE PART%TYPE;
47
48
    WS NOSINO SUNL.SUNL CL INJ DESC CODE NAT%TYPE;
    WS COLTNO SUNL.SUNL CL INJ DESC CODE CLAUSE%TYPE;
49
    WS OCCDSC SUNL.SUNL CL OCCUPATION DESC%TYPE;
50
    WS REHIND SUNL.SUNL CL VOCATION REHAB IND%TYPE;
51
    WS LUMPSM SUNL.SUNL CL LUMP SUM IND%TYPE;
52
    WS FRDIND SUNL.SUNL CL FRAUD CLAIM IND%TYPE;
53
    WS DEDCDE SUNL.SUNL CL DEDUCT CODE%TYPE;
54
55
    WS PAIDWI SUNL.SUNL CL PAID INDEMNITY AMT%TYPE:
    WS PAIDWM SUNL.SUNL CL PAID MEDICAL AMT%TYPE;
56
```

```
57
     WS_PDALAE SUNL.SUNL_CL_ALAE_PAID_AMT%TYPE;
 58
     WS INALAE SUNL.SUNL CL ALAE INCURRED AMT%TYPE:
    WS_WKLYWG SUNL.SUNL_CL_AVG_WKLY_WAGE%TYPE;
 59
     WS INREHB SUNL.SUNL CL INCUR VOC REHAB%TYPE;
60
    WS GRSINC SUNL.SUNL CL CA GROS$ INCUR%TYPE;
61
62
     WS DISABL SUNL.SUNL CL PERM DISABL RATING%TYPE;
     WS DEDAMT SUNL.SUNL CL DEDUCT AMT%TYPE;
63
64
     WS_DESDED SUNL.SUNL_CL_DEDUCT_AMT%TYPE;
65
     WS HIRDTE SUNL.SUNL US HIREDATE%TYPE;
     WS LAWIND VARCHAR2(1);
66
67
     WS RPTNUM VARCHAR2(1);
     WS ENDDTE DATE := '30-SEP-2017';
68
69
     WS RECUPD DATE;
     WS OCCDTE DATE:
 70
 71
     WS SUNLID NUMBER;
72
    WS FULLPOLICY VARCHAR2(12);
 73
     WS GOOD
               NUMBER := 0;
74
    WS BAD
               NUMBER := 0:
75
     WS SKIPPED NUMBER := 0;
76
     WS MONTHLY NUMBER := 0;
77
     WS LENGTH NUMBER(2);
78
     WS CONTROL VARCHAR2(1);
79
     V ENDDATE VARCHAR2(3);
80
81
    V RPM
             NUMBER := 0;
82
    V POL COUNT NUMBER;
83
    V STATUS VARCHAR2(2);
84
    V SECTN VARCHAR2(8);
85
     V POLDAT VARCHAR2(2);
86
87
     RD UNPLID SUNL.SUNL CL NO%TYPE;
88
     RD CLAIM BO RECOVERABLE DEDUCTIBLE.CLAIM NUMBER%TYPE;
89
     RD AMT BO RECOVERABLE DEDUCTIBLE.DEDUCTIBLE AMT%TYPE;
     RD RPTAMT SUNL.SUNL CL DEDUCT AMT%TYPE;
90
91
92
93
     UPDATE SWITCH BOOLEAN := FALSE;
94
     ANOMALY exception;
 95
 96
     CURSOR SENTRY DATA
97
98
      SELECT DISTINCT
                                    AS SUNLID,
99
       SUNL CL NO
       SUBSTR(SUNL WC POLNUMBER,4,5)
100
                                               AS POLNUMBER,
       SUNL_WC_EFFDATE
101
                                        AS POLEFF.
       SUNL CL REPORT DATE
102
                                          AS REPRIDIE,
      SUNL CL_RVHS_CLASS_CODE
103
                                            AS CLASSCDE,
       SUNL CL_PREV_REP_IND
                                        AS PREVREP,
104
       SUNL CL LOSS COVG CODE
                                            AS LOSSCOVGCODE,
105
106
       SUNL CL NUMBER OF CLAIMS
                                             AS MANYCLAIMS,
       SUNL CL ACCIDENT DATE
107
                                          AS ACCDATE,
       NVL(SUNL CL CLAIM NUMBER, SUNL SENTRY CLAIM NUMBER) AS CLAIMNO,
108
       SUNL CL CLAIM STATUS
109
                                          AS STATUS,
      SUNL CL INJURY CODE
110
                                         AS INJCODE.
111
       SUNL CL CAT NUMBER
                                         AS CATNUM,
      SUNL CL INDEMNITY_AMOUNT
112
                                             AS INDAMT,
```

```
113
       SUNL CL MEDICAL AMOUNT
                                             AS MEDAMT,
114
       SUNL CL SSN
                                      AS FEINNO.
       SUNL_CL_UPDATE_TYPE
115
                                           AS UPDTYPE.
116
       SUNL CL LOSS ACT
                                         AS LOSSACT,
       SUNL CL LOSS TYPE
117
                                         AS LOSSTYPE.
118
       SUNL CL LOSS RECOVERY
                                            AS LOSSRECOV,
       SUNL CL LOSS COVERAGE
119
                                             AS LOSSCOVG.
120
       SUNL CL LOSS SETTLEMENT
                                             AS LOSSSETTLE,
       SUNL STAT GB STATE NO
121
                                            AS STATENO.
       SUNL CL MANG CARE ORG TYPE
122
                                                AS MANGCARE,
123
       SUNL CL INJ DESC CODE PART
                                               AS POBICODE.
       SUNL_CL_INJ_DESC_CODE_NAT
124
                                              AS NOSICODE.
       SUNL CL INJ DESC CODE CLAUSE
125
                                                AS COLTCODE,
       SUNL CL OCCUPATION DESC
126
                                              AS OCCDESC.
       SUNL CL VOCATION_REHAB_IND
127
                                              AS VOCREHAB,
       SUNL CL LUMP SUM IND
128
                                          AS LUMPSUM,
       SUNL CL FRAUD CLAIM IND
129
                                            AS FRAUDIND.
       SUNL CL DEDUCT CODE
130
                                           AS DEDUCTCODE,
131
       SUNL CL PAID INDEMNITY AMT
                                              AS PAIDIND,
       SUNL CL PAID MEDICAL AMT
132
                                             AS PAIDMED,
133
       SUNL CL ALAE PAID AMT
                                           AS PAIDALAE,
       SUNL CL ALAE INCURRED AMT
134
                                              AS INCURALAE,
       SUNL CL AVG WKLY WAGE
135
                                             AS WEEKLYWAGE.
       SUNL CL INCUR VOC REHAB
136
                                             AS INCVOCREHAB,
       SUNL CL CA GROSS INCUR
137
                                             AS GROSSINCUR.
138
       SUNL CL PERM DISABL RATING
                                              AS DISABLERATE,
       SUNL CL DEDUCT AMT
139
                                          AS DEDUCTAMT.
       SUNL US HIREDATE
140
                                         AS HIREDATE,
141
       SUNL WC POLNUMBER AS FULLPOLY,
142
       ALREADY REPORTED AS SEND IT
143
144
      FROM
145
       SUNL
146
      WHERE
147
       SUBSTR(SUNL CL REPORT DATE,4,3)
                                            = V ENDDATE
      AND TO CHAR(SUNL CL REPORT DATE, 'YYYYMMDD') <=
148
      TO CHAR(WS ENDDTE, 'YYYYMMDD'
149
150
      AND NVL(ALREADY REPORTED, 'N') = 'N'
151
      ORDER BY
152
       SUNL WC EFFDATE,
153
       SUBSTR(SUNL_WC_POLNUMBER,4,6);
154
   BEGIN
155
156
157
     SELECT
     -- PPDT GB CUR DATE
158
      '30-SEP-2017'
159
160
     INTO
161
     WS ENDDTE
162
     FROM
163
     PPDT
164
     WHERE
165
      PPDT GB KEY VAL = 'DATEDISP2';
166
167
     V ENDDATE := SUBSTR(WS ENDDTE,4,3);
```

```
168
169
     FOR S1REC IN SENTRY DATA
170
     LOOP
171
      WS SUNLID := S1REC.SUNLID;
172
      WS POLNUM := S1REC.POLNUMBER;
173
      WS POLEFF := S1REC.POLEFF;
174
      WS RPTDTE := S1REC.REPRTDTE;
175
      WS CLSCDE := S1REC.CLASSCDE;
176
      WS REPIND := S1REC.PREVREP;
      WS CVGCDE := S1REC.LOSSCOVGCODE;
177
      WS NOCLMS := S1REC.MANYCLAIMS:
178
179
      WS ACCDTE := S1REC.ACCDATE;
180
      WS CLMNUM := S1REC.CLAIMNO;
      WS CLSTTS := S1REC.STATUS;
181
182
      WS_INJCDE := S1REC.INJCODE;
183
      WS CATNUM := S1REC.CATNUM;
184
      WS INDAMT := S1REC.INDAMT;
185
      WS MEDAMT := S1REC.MEDAMT;
186
      WS FEINNO := S1REC.FEINNO;
      WS UPDTYP := S1REC.UPDTYPE;
187
      WS LSSACT := S1REC.LOSSACT;
188
189
      WS LSSTYP := S1REC.LOSSTYPE;
      WS LSSREC := S1REC.LOSSRECOV;
190
      WS LSSCOV := S1REC.LOSSCOVG;
191
      WS LSSSTL := S1REC.LOSSSETTLE;
192
193
      WS STATNO := S1REC.STATENO;
194
      WS HMOTYP := S1REC.MANGCARE;
195
      WS POBINO := S1REC.POBICODE;
      WS NOSINO := S1REC.NOSICODE;
196
197
      WS COLTNO := S1REC.COLTCODE;
198
      WS OCCDSC := S1REC.OCCDESC;
      WS REHIND := S1REC.VOCREHAB;
199
200
      WS LUMPSM := S1REC.LUMPSUM;
201
      WS FRDIND := S1REC.FRAUDIND;
202
      WS DEDCDE := S1REC.DEDUCTCODE;
203
      WS PAIDWI := S1REC.PAIDIND;
204
      WS PAIDWM := S1REC.PAIDMED;
205
      WS PDALAE := S1REC.PAIDALAE;
      WS INALAE := S1REC.INCURALAE;
206
      WS WKLYWG := S1REC.WEEKLYWAGE;
207
208
      WS INREHB := S1REC.INCVOCREHAB;
209
      WS GRSINC := S1REC.GROSSINCUR;
210
      WS DISABL := S1REC.DISABLERATE;
211
      WS DEDAMT := S1REC.DEDUCTAMT;
      WS HIRDTE := S1REC.HIREDATE;
212
      ws CONTROL := S1REC.SEND_IT;
213
214
215
      WS MONTHLY := WS MONTHLY + 1;
216
      V SECTN := 'ALPHA';
217
218
219
220
221
      IF WS CONTROL = 'F' THEN
222
       WS BAD
                  := WS BAD + 1;
223
      ELSIF WS_CONTROL = 'Y' THEN
```

```
224
       WS SKIPPED := WS SKIPPED + 1;
225
      END IF:
226
227
      V SECTN
                       := 'BRAVO';
228
229
      IF SUBSTR(WS CLMNUM,1,3) <> '55C' THEN
230
      IF ws length
                       > 9 THEN
231
        DBMS OUTPUT.PUT LINE('FIXING CLAIM NUMBER1'||WS CLMNUM);
232
        UPDATE
233
         UNIT STATS LOSS
234
        SET
235
        UNLS CL CLAIM NUMBER = SUBSTR(WS CLMNUM,1,7)
236
        WHERE
237
        UNLS CL NO = WS SUNLID;
238
        COMMIT;
239
        ws good := ws good+1;
       END IF;
240
241
      END IF:
242
243
                      := 'CHARLIE';
244
      V SECTN
245
246
      IF SUBSTR(WS CLMNUM,1,1) = '0' THEN
247 --
        DBMS OUTPUT.PUT LINE('FIXING CLAIM NUMBER2'||WS CLMNUM);
248
       UPDATE
249
        SENTRY UNITSTAT LOSS
250
       SET
251
        SUNL CL CLAIM NUMBER = SUBSTR(WS CLMNUM,2,6)
252
        where SUNL CL NO = WS SUNLID;
253
       COMMIT:
254
      END IF;
255
256
257
      V SECTN := 'DELTA':
258
      IF WS CONTROL = 'N' THEN
       WS FULLPOLICY := S1REC.FULLPOLY:
259
260
261
262
263
       IF SUBSTR(WS POLNUM,1,1) NOT IN ('0','1','2','3','4','5','6','7','8','9')
264
        THEN
265
        DBMS OUTPUT.PUT LINE('----');
266
        DBMS OUTPUT.PUT LINE('BAD POLICY NUMBER A '||WS FULLPOLICY);
        UPDATE SWITCH := TRUE;
267
268
       END IF:
269
270
       V SECTN
                        := 'ECHO';
       IF LENGTH(WS FULLPOLICY) < 10 THEN
271
272
        WS FULLPOLICY := WS FULLPOLICY||SUBSTR(WS POLEFF, 10, 2);
273
        UPDATE
274
         SENTRY UNITSTAT LOSS
275
        SET
276
         SUNL WC POLNUMBER = WS FULLPOLICY
277
        WHERE
278
         SUNL CL NO = WS SUNLID;
279
        COMMIT:
```

```
ELSE
280
281
        IF LENGTH(WS FULLPOLICY) > 10 THEN
282
         DBMS OUTPUT.PUT LINE('-----');
283
         DBMS OUTPUT.PUT LINE('BAD POLICY NUMBER B'||WS FULLPOLICY);
284
         UPDATE SWITCH := TRUE;
285
        END IF;
286
       END IF:
287
288 --
289
290
291
292
293
       V SECTN := 'FOXTROT';
294
295
296 V POLDAT := F VERIFY RECORD DATA(WS FULLPOLICY, WS POLEFF);
297
298 if substr(V POLDAT,1,1) = 'N' then
299
        DBMS OUTPUT.PUT LINE('-----
300
        DBMS OUTPUT.PUT LINE('BAD POLICY NUMBER C '||WS FULLPOLICY||' '||
        WS POLEFF||' '||WS CLMNUM);
301
        DBMS OUTPUT.PUT LINE(V POLDAT);
302
        UPDATE SWITCH := TRUE;
303
304 end if:
305
306
307
    if substr(V POLDAT,1,1) = 'M' then
308
        DBMS OUTPUT.PUT LINE('----');
309
        DBMS OUTPUT.PUT LINE('MISSING POLICY SUFFIX F '||WS FULLPOLICY||' '||
        WS POLEFF||' '||WS CLMNUM);
310
        UPDATE SWITCH := TRUE;
311
312 end if;
313
314
315
316 if substr(V POLDAT,1,1) = 'Y' and substr(V POLDAT,2,1) = 'N' then
317
        DBMS OUTPUT.PUT LINE('----');
318
        DBMS_OUTPUT.PUT_LINE('BAD EFFECTIVE DATE '||WS_FULLPOLICY||' '||
        WS POLEFF||' '||WS CLMNUM);
319
        UPDATE SWITCH := TRUE;
320
321
    end if;
322
323
324 -- SELECT
325 --
       COUNT(UNPL WC NO)
326 --
       INTO
327 -- V POL COUNT
328 -- FROM
329 --
       UNPL
330 --
       WHERE
        SUBSTR(UNPL.UNPL WC NCCI POL NUMBER,1,8)||SUBSTR(
331 --
    UNPL.UNPL WC POLY EFF DATE, 10,2) = WS FULLPOLICY
332 -- AND UNPL.UNPL_WC_POLY_EFF_DATE = WS_POLEFF;
333
       IF V POL COUNT < 1 THEN
334 --
```

```
335 --
          DBMS_OUTPUT_LINE('-----');
          DBMS OUTPUT.PUT LINE('BAD POLICY NUMBER C '||WS FULLPOLICY||' '||
336 --
         WS_POLEFF||' '||WS_CLMNUM);
337 --
338 --
         UPDATE SWITCH := TRUE;
339 --
        END IF;
340
341
       V SECTN := 'GOLF';
342
       BEGIN
343
        SELECT
344
         'OK'
345
        INTO
        V STATUS
346
347
        FROM
348
         SUNL
349
        WHERE
350
         WS CLSTTS IN ('O','C','0','1','2')
        AND SUNL CL NO = WS SUNLID;
351
352
       EXCEPTION
353
       WHEN NO DATA FOUND THEN
354
        V STATUS := 'ZZ':
355
       END;
356
       V SECTN := 'HOTEL';
357
358
       IF V STATUS != 'OK' THEN
359
        DBMS OUTPUT.PUT LINE('----');
360
        DBMS OUTPUT.PUT LINE('BAD CLAIM STATUS D'||WS FULLPOLICY||' '||
361
        WS CLMNUM||' status: '||WS CLSTTS);
362
        UPDATE SWITCH := TRUE;
363
       END IF:
364
       V_STATUS := NULL;
365
366
       SELECT
367
        LENGTH(WS INJCDE)
368
       INTO
369
        ws length
370
       FROM
371
        dual;
372
       IF ws length > 1 THEN
373
        DBMS OUTPUT.PUT LINE('----');
374
        DBMS OUTPUT.PUT LINE('BAD INJURY CODE E '| WS FULLPOLICY);
375
        UPDATE SWITCH := TRUE;
376
       END IF;
377
378
       BEGIN
379
        V SECTN := 'INDIAN';
        SELECT
380
381
         CLAIM NUMBER,
382
         DEDUCTIBLE AMT,
383
         SUNL CL DEDUCT AMT
384
        INTO
385
         RD CLAIM,
386
         RD AMT,
387
         RD RPTAMT
388
        FROM
389
         BO RECOVERABLE DEDUCTIBLE BORD,
390
         SUNL
```

```
391
        WHERE
         SUBSTR(CLAIM NUMBER,2,7) = RTRIM(SUNL_CL_CLAIM_NUMBER)
392
        AND SUBSTR(CLAIM NUMBER,1,1) = |W|
393
394
        AND SUNL CL NO
                          = WS SUNLID;
395
396
        IF RD AMT <> RD RPTAMT THEN
397
        DBMS OUTPUT.PUT LINE('----');
398
        DBMS OUTPUT.PUT LINE('ID# CLAIM# DEDUCT REPORTED');
399
        DBMS_OUTPUT_LINE(WS_SUNLID||' '||RD_CLAIM||' '||RD_AMT||'
400
                                                                    '||RD RPTAMT);
401
402
        update SUNL
403
        set SUNL CL DEDUCT AMT = RD AMT
404
        where SUNL CL NO = WS SUNLID;
405
        commit;
406
407
408
        END IF:
409
410
       EXCEPTION
411
       WHEN NO DATA FOUND THEN
412
        NULL;
413
       END:
414
       V SECTN := 'JESTER';
415
416
417
      IF UPDATE SWITCH THEN
      -- DBMS OUTPUT.PUT LINE('DO NOT REPORT POLICY '||WS FULLPOLICY);
418
419
      -- DBMS OUTPUT.PUT LINE('-----');
420
421
        UPDATE
422
         SUNL
423
        SET
424
        ALREADY REPORTED = 'F'
425
        WHERE
         SUNL WC POLNUMBER = WS FULLPOLICY
426
427
        AND SUNL CL NO = WS SUNLID;
428
        COMMIT:
429
430
        UPDATE SWITCH := FALSE;
431
       WS BAD := WS BAD + 1;
432
       ELSE
433
434
        WS GOOD := WS GOOD + 1;
435
       END IF:
436
      END IF;
437
438
439
440
441
     END LOOP:
442
443
     DBMS OUTPUT.PUT LINE('
444
     DBMS OUTPUT.PUT LINE('
445
     DBMS OUTPUT.PUT LINE('
     DBMS_OUTPUT_LINE(' '||WS_MONTHLY||' TOTAL RECORDS for '||WS_ENDDTE);
446
```

```
447
     DBMS_OUTPUT.PUT_LINE('_Passed '||WS_GOOD||'Records');
448
     DBMS OUTPUT.PUT LINE(' Failed '||WS BAD||' Records');
     DBMS OUTPUT.PUT LINE(' Skipped '||WS SKIPPED||' Records');
449
450
451
    EXCEPTION
452 WHEN VALUE ERROR THEN
453
     DBMS OUTPUT.PUT LINE('VALUE ERROR POL#'||WS POLNUM||' SUNL ID: '||WS SUNLID||
     ''||SQLCODE);
454
455 WHEN INVALID NUMBER THEN
     DBMS OUTPUT.PUT LINE('INVALID NUMBER POL#'||WS POLNUM||' SUNL ID: '||
456
457
     WS SUNLID||' '||SQLCODE);
458 WHEN ROWTYPE MISMATCH THEN
459
     DBMS OUTPUT.PUT LINE('ROWTYPE MISMATCH POL#'||WS POLNUM||' SUNL ID: '||
     WS SUNLID||' '||SQLCODE);
460
461
    WHEN TOO MANY ROWS THEN
462
     DBMS OUTPUT.PUT LINE('TOO MANY ROWS POL#'||WS POLNUM||' SUNL ID:
     'IIWS SUNLID
463
     ||' '||SQLCODE);
464 WHEN NO DATA FOUND THEN
     DBMS_OUTPUT.PUT_LINE('NO_DATA_FOUND POL#'||WS_POLNUM||' SUNL ID: '||WS_SUNLID
465
466
     ||' '||V_SECTN);
467 WHEN OTHERS THEN
468
     DBMS OUTPUT.PUT LINE('FAILURE ON POL#'||WS POLNUM||' SUNL ID: '||WS SUNLID||
469
    ''||SQLCODE);
470 END;
```

471 472