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*****
begin-procedure ignore
*****
:Procedure used handle processing if there is no data to be deleted from temporary
end-procedure
*****
:End-1214062594
*****

```

begin-procedure ignore
 1. Procedure used handle processing if there is no data to be deleted from temporary table

Comparison of Output files before and after running the Modified PAY003.SQR and DDP003.SQR

Please see attached files in SAS Development Unit Testing for supporting documentation of comparisons:

Completed Payroll Process for RunID - KU2-07-01, KU2-07-02, KU2-07-03, KU2-07-04.

- 1) Comparison of an employee who does not have California Wages.
 - a) Paycheck - 0090
 - b) Advice - 0012

Non California Emplid - 0090
 Original Hours and Earnings

Description	Current		YTD	
	Rate	Hours	Earnings	Hours
Regular	33,653846	72.00	2,423.07	312.00
Overtime	42,067188	8.00	437.50	56.00
Automobile Allowance			150.00	300.00
Award - Cash			200.00	400.00
Double Time	67,307692	56.00	3,769.22	112.00
Overtime	45,192188	8.00	450.00	0.00
Bonus			400.00	600.00
Overtime	50,480769	8.00	403.85	0.00
Paid Time Off	33,653846	16.00	538.46	24.00
Advance			200.00	200.00
Compensatory Time Off	33,653846	8.00	269.23	8.00
Overtime	44,871667	16.00	897.44	0.00
Overtime	40,384500	8.00	430.77	0.00
Total:		184.00	9,708.00	512.00

Non California Emplid - 0012
 Original Hours and Earnings

Description	Current		YTD	
	Rate	Hours	Earnings	Hours
Regular	33,653846	72.00	2,423.07	312.00
Overtime	42,067188	8.00	437.50	56.00
Automobile Allowance			150.00	300.00
Award - Cash			200.00	400.00
Double Time	67,307692	56.00	3,769.22	112.00
Overtime	45,192188	8.00	450.00	0.00
Bonus			400.00	600.00
Overtime	50,480769	8.00	403.85	0.00
Paid Time Off	33,653846	16.00	538.46	24.00
Advance			200.00	200.00
Compensatory Time Off	33,653846	8.00	269.23	8.00
Overtime	44,871667	16.00	897.44	0.00
Overtime	40,384500	8.00	430.77	0.00
Total:		184.00	9,708.00	512.00

For other state employees, the earnings section of the paycheck will resemble to original paycheck currently being printed.

TOMORROW NOW

Master Fix Id: CSS-TN-1214062594

Carmen Anaya 50213 Park Goshen, KY 42456		Employee ID: 0012 Department: 10000-Human Resources Location: Corporation Headquarters Job Title: Human Resources Analyst Pay Rate: \$3,750.00 Monthly		For other state employees, the earnings section of the paycheck will resemble to original paycheck currently being printed.	
HOURS AND EARNINGS					
Description	Rate	Current Hours	Current Earnings	Hours	Earnings
Regular	50.480769	80.00	4,038.46	320.00	16,153.84
Autobile Allowance			400.00		700.00
Bonus			500.00		1,300.00
Award - Cash			150.00		400.00
Paid Time Off	50.480769	24.00	1,211.54	64.00	3,230.77
Double Time			0.00	12.00	1,211.54
Overtime			0.00	16.00	1,293.59
Total:		104.00	6,300.00	412.00	24,289.74

2) Comparison of a Salaried Employee who has California Wages.
 a) Paycheck - KUTR02

Paycheck Emplid - KUTR02 - Prior Earnings
 Original Hours and Earnings

John Gardner 444 Glendale Ave Menlo Park CA 94023		Employee ID: KUTR02 Department: 10500-Benefits Location: California Location Job Title: Manager-Compensation/Benefits Pay Rate: \$5,800.00 Monthly		For Salaried California employees, the earnings section of the paycheck will resemble to original paycheck currently being printed.	
HOURS AND EARNINGS					
Description	Rate	Current Hours	Current Earnings	Hours	Earnings
Regular	2,676.92	320.00	856,814.40	320.00	856,814.40
General Credits			119.23		476.92
Medical Credits			7.38		29.52
Dental Credits			1.83		7.40
Total:		320.00	856,814.40	320.00	856,814.40

3) Comparison of Hourly California Employee who has both a check and advice with current and prior are being summarized as "OTHER" earnings on both Paycheck and Advice.
 a) Paycheck - KUZ003
 b) Advice - KUZ003

Paycheck Emplid - KUZ003
 Original Hours and Earnings

John Gardner 444 Glendale Ave Menlo Park CA 94023		Employee ID: KUTR02 Department: 10500-Benefits Location: California Location Job Title: Manager-Compensation/Benefits Pay Rate: \$5,800.00 Monthly		For Salaried California employees, the earnings section of the paycheck will resemble to original paycheck currently being printed.	
HOURS AND EARNINGS					
Description	Rate	Current Hours	Current Earnings	Hours	Earnings
Regular	2,676.92	320.00	856,814.40	320.00	856,814.40
General Credits			119.23		476.92
Medical Credits			7.38		29.52
Dental Credits			1.83		7.40
Total:		320.00	856,814.40	320.00	856,814.40



Master Fix Id: CSS-TN-1214062594

Jonana Misanoud
 1989 Emb Wg
 San Jose CA 94138
 Employee ID: KUZ003
 Department: 13000-Finance
 Location: Delaware Operations
 Job Title: Sr Financial Analyst
 Pay Rate: \$2,562.50 Monthly

Jonana Misanoud
 1989 Emb Wg
 San Jose CA 94138
 Employee ID: KUZ003
 Department: 13000-Finance
 Location: Delaware Operations
 Job Title: Sr Financial Analyst
 Pay Rate: \$2,562.50 Monthly

For an hourly California Employee, the earnings section of the paycheck will now include Earnings Begin and Earnings End dates for both current and prior pay period earnings.

When hourly California Employee warnings section of the check contains the maximum number of earnings which can be displayed on a check with pay period begin and end dates for current earnings displayed, additional current and prior period earnings have been summarized with an earnings description of "Other", the earnings begin date will be populated with minimum earnings begin date and the earnings end with current pay period end date.

NOTE: Earnings are sorted by earnings begin date, desc and earned with "Other" always appearing as the 13 line in earnings section of check when maximum earnings for display are reached.

Description	Current			YTD		
	Rate	Hours	Earnings	Rate	Hours	Earnings
Regular	14.783654	59.00	872.24	14.783654	299.00	4372.32
Autoretrieve Allowance			15.00			15.00
Adjustment			300.00			300.00
Bonus			30.00			30.00
Double Time	39.567368	15.00	443.52	39.567368	15.00	443.52
Earnings Paid	14.783654	16.00	236.54	14.783654	16.00	236.54
Overtime	16.462200	5.00	115.07	16.462200	25.00	560.96
Referral Award			50.00			50.00
Advance			300.00			300.00
Autoretrieve Allowance			30.00			30.00
Award - Cash			100.00			100.00
Compenatory Time Off Adjust	14.783654	16.00	236.54	14.783654	16.00	236.54
Other		46.00	883.42		26.00	447.33
Total:		157.00	5,542.33		397.00	3,542.33

Description	Current			YTD		
	Rate	Hours	Earnings	Rate	Hours	Earnings
Regular	14.783654	48.00	709.62	14.783654	299.00	4372.32
Overtime	16.462200	5.00	115.07	16.462200	25.00	560.96
Autoretrieve All			5.00			5.00
Adjustment			100.00			100.00
Advance			300.00			300.00
Autoretrieve All			50.00			50.00
Award - Cash			100.00			100.00
Bonus			10.00			10.00
Compenatory T	14.783654	16.00	236.54	14.783654	16.00	236.54
Double Time	39.567368	5.00	147.84	39.567368	5.00	147.84
Earnings Paid	14.783654	16.00	236.54	14.783654	16.00	236.54
Referral Award			50.00			50.00
Other		67.00	1,381.77		26.00	447.33
Total:		157.00	5,542.33		397.00	3,542.33

Start Balance: 0.00
 - Earned: 0.00
 - Bought: 0.00
 - Taken: 0.00
 - Sold: 0.00
 - Adjustments: 0.00
 End Balance: 0.00

Start Balance: 0.00
 - Earned: 0.00
 - Bought: 0.00
 - Taken: 0.00
 - Sold: 0.00
 - Adjustments: 0.00
 End Balance: 0.00

MESSAGE: Old SQR Test Payroll for RunID KUZ-07-04
NEW PAYOUT DISTRIBUTION
 Advice #000000000000246 1,899.29
 Check #000000000001587 633.09
Total: 2,532.38

MESSAGE: New SQR Test Payroll for RunID KUZ-07-04
NEW PAYOUT DISTRIBUTION
 Advice #000000000000246 1,899.29
 Check #000000000001587 633.09
Total: 2,532.38

Advice Emplid - KUZ003
 Original Hours and Earnings

New Hours Earnings

TN-1214062594-DEV-Unit Test_04.doc

March 22, 2007

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CONFIDENTIAL
 INFORMATION

SAS-TN-OR-01823633-
 OR-00162

TOMORROW NOW

Master Fix Id: CSS-TN-1214062594

Joanna Miantoni
1989 Esab Way
San Jose, CA 94138

Employee ID: KU003
Department: 13000-Finance
Location: Delaware Operations
Job Title: Sr Financial Analyst
Pay Rate: \$2,562.50 Monthly

Description	Rate	Hours	Earnings	YTD Hours	YTD Earnings
Regular	14.783654	39.00	572.24	299.00	872.24
Automobile Allowance			300.00		15.00
Advancements			30.00		300.00
Bonus			443.52		30.00
Double Time	29.567308	15.00	443.52	15.00	443.52
Earned not Paid	14.783654	16.00	236.54	16.00	236.54
Overtime	18.462200	5.00	92.25	25.00	560.96
Referral Award			50.00		50.00
Advance			300.00		300.00
Automobile Allowance			50.00		50.00
Award -- Cash			100.00		100.00
Compenatory Time Off Adjvtr	14.783654	16.00	236.54	16.00	236.54
Other			893.42	26.00	447.53
Total:			3,542.33		3,542.33

NOTE: Rate * Hours = Earnings unless an hour or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 0.00
- Earned: 0.00
- Bought: 0.00
- Taken: 0.00
- Sold: 0.00
- Advancements: 0.00
End Balance: 0.00

MESSAGE: Old SQR Test Payroll for RmID KU0-07-04

NET PAY DISTRIBUTION	
Advice #0000000000000246	1,899.29
Check #0000000000001587	633.09
Total:	2,532.38

Description	Rate	Hours	Earnings	YTD Hours	YTD Earnings
Regular	14.783654	39.00	572.24	299.00	872.24
Overtime	18.462200	5.00	92.25	25.00	560.96
Automobile All			300.00		15.00
Advancements			30.00		300.00
Automobile All			443.52		30.00
Award -- Cash			50.00		100.00
Bonus			300.00		300.00
Compenatory T	14.783654	16.00	236.54	16.00	236.54
Double Time	29.567308	5.00	147.84	5.00	443.52
Earned not Pai	14.783654	16.00	236.54	16.00	236.54
Referral Award			50.00		50.00
Other			1,581.72	26.00	447.53
Total:			3,542.33		3,542.33

NOTE: Rate * Hours = Earnings unless an hour or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 0.00
- Earned: 0.00
- Bought: 0.00
- Taken: 0.00
- Sold: 0.00
- Advancements: 0.00
End Balance: 0.00

MESSAGE: New SQR Test Payroll for RmID KU0-07-04

NET PAY DISTRIBUTION	
Advice #0000000000000246	1,899.29
Check #0000000000001587	633.09
Total:	2,532.38

4) Comparison of Hourly California Employee who has maximized prior earnings and these earnings are being summarized as "OTHER" earnings on paycheck and advice.

- a) Paycheck - KU0090
- b) Advice - KU0118

Paycheck Emplid - KU0090
Original Hours and Earnings

New Hours Earnings

TOMORROW NOW

Master Fix Id: CSS-TN-1214062594

Jeff Rydholm
6921 Arbor Avenue
Little Rock, AR 72295

Employee ID: KU0090
Department: 55000-Lab Facility
Location: Ratives Location
Job Title: Project Manager
Pay Rate: \$2,166.67 Monthly

HOURS AND EARNINGS			
Description	Current		YTD
	Rate	Hours	
Regular	12.500000	304.00	3,800.00
Overtime	21.093750	8.00	1,284.76
Advancements			400.00
Automobile Allowance			400.00
Bonus			900.00
Double Time	25.000000	32.00	800.00
Overtime	15.625000	8.00	1,250.00
General Credit			221.67
Medical Credits			65.00
Dental Credits			14.00
Award - Cash			56.00
Overtime	13.750000	6.00	200.00
Other			0.00
Total:	150.00	400.00	600.00
Total:	150.00	400.00	10,487.44

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 40.0
+ Earned: 32.0
- Taken: 40.0
- Sold:
+ Advancement:
End Balance: 32.0

MESSAGE: Old SQR Test Payroll for RunID KU2-07-04

Jeff Rydholm
6921 Arbor Avenue
Little Rock, AR 72295

Employee ID: KU0090
Department: 55000-Lab Facility
Location: Ratives Location
Job Title: Project Manager
Pay Rate: \$2,166.67 Monthly

HOURS AND EARNINGS			
Description	Current		YTD
	Rate	Hours	
Regular	12.500000	304.00	3,800.00
Overtime	15.625000	8.00	1,250.00
Advancements			400.00
Automobile All			400.00
Bonus			900.00
General Credit			221.67
Medical Credits			65.00
Dental Credits			14.00
Double Time	25.000000	32.00	800.00
Regular	12.500000	16.00	200.00
Automobile All			0.00
Other			0.00
Total:	38.00	48.00	800.00
Total:	150.00	400.00	10,487.44

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 40.0
+ Earned: 32.0
- Taken: 40.0
- Sold:
+ Advancement:
End Balance: 32.0

MESSAGE: New SQR Test Payroll for RunID KU2-07-04

Advice Emplid - KU0118
Original Hours and Earnings

Shirley Haffery
1275 Second St
Livemore, CA 94550

Employee ID: KU0118
Department: 14000-Administration
Location: Corporation Headquarters
Job Title: Supv Janitorial Services
Pay Rate: \$962.00 Monthly

HOURS AND EARNINGS			
Description	Current		YTD
	Rate	Hours	
Regular	5.550000	64.00	355.20
Bonus			400.00
Cost of Living Adjustment			6.66
Double Time	11.100000	56.00	621.60
Overtime	12.113636	16.00	185.70
Advancement			200.00
Automobile Allowance			150.00
Award - Cash			200.00
Overtime	8.743750	16.00	140.00
Earnings not Paid	5.550000	12.00	66.60
Overtime	8.325000	8.00	66.60
Paid Time Off	5.550000	8.00	44.40
Other			477.65
Total:	188.00	332.00	2,955.37
Total:	188.00	332.00	6,032.21

TN-1214062594-DEV-Unit Test_04.doc

March 22, 2007

CONFIDENTIAL
INFORMATION

For an hourly California Employee, the earnings section of the paycheck will now include Earnings Begin and Earnings End dates for both current and prior pay period earnings.

When an hourly California Employee has Prior Pay Period Earnings, all prior period earnings will appear with earnings begin and earnings end date. If prior period earnings have reached the maximum of 12 earnings, all additional prior pay period earnings will be summarized in to one amount with a description of "Other".

NOTE: Earnings are sorted by earnings begin date, desc and earned with "Other" always appearing as the 13 line in earnings section of check when maximum earnings for display are reached.

New Hours Earnings

Shirley Haffery
1275 Second St
Livemore, CA 94550

Employee ID: KU0118
Department: 14000-Administration
Location: Corporation Headquarters
Job Title: Supv Janitorial Services
Pay Rate: \$962.00 Monthly

HOURS AND EARNINGS			
Description	Current		YTD
	Rate	Hours	
Regular	5.550000	80.00	444.00
Bonus			200.00
Cost of Living Adjustment			6.66
Regular	5.550000	16.00	88.80
Overtime	7.500000	8.00	74.40
Advancement			100.00
Automobile All			50.00
Award - Cash			100.00
Compenatory T	5.550000	16.00	88.80
Double Time	11.100000	12.00	133.20
Automobile All			50.00
Double Time	11.100000	12.00	133.20
Other			1,655.03
Total:	188.00	332.00	2,955.37
Total:	188.00	332.00	6,032.21

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SAS-TN-OR-01823633-OR-00164

TOMorrow NOW

Master Fix Id: CSS-TN-1214062594

PTO HOURS YTD: 0.0
 Start Balance: 0.0
 - Earned:
 - Bought:
 - Taken:
 - Sold:
 - Adjustments:
 End Balance: 0.0

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.
 NOTE: "Other" can be summation of both current/prior period earnings. Please contact the Payroll Administrator for a detailed list of other prior period earnings.

MESSAGE: New SQR Test Payroll for RunID KUZ-07-04

5) Comparison of Hourly California Employee who current earnings which reached the maximum number of earnings to appear on Paycheck/Advice.

a) Paycheck - KUTR05
 b) Advice - KUZ002

New Hours Earnings

Marie Matternon
 900 Cypress Way
 Walnut Creek CA 94596

Employee ID: KUTR05
 Department: 10500-Benefits
 Location: California Location
 Job Title: Administrative Assistant
 Pay Rate: \$17.000000 Hourly

Description	Rate	Current Hours	Current Earnings	YTD Hours	YTD Earnings
Regular	17.000000	60.00	1,020.00	156.00	2,652.00
Automobile Allowance			50.00		75.00
Adjustments			75.00		100.00
Automobile Allowance			10.00		10.00
Award - Cash			25.00		25.00
Bonus			30.00		30.00
Compenary Time Off	17.000000	8.00	136.00	8.00	136.00
Earned not Paid	17.000000	16.00	272.00	16.00	272.00
Expense Reimbursement			30.00		30.00
July Pay			136.00		136.00
Double Time	34.000000	4.00	136.00	4.00	136.00
Other			36.00		859.33
Total:		124.00	2,778.33	220.00	4,410.33

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.
 NOTE: "Other" can be summation of both current/prior period earnings. Please contact the Payroll Administrator for a detailed list of other prior period earnings.

MESSAGE: Old SQR Test Payroll for RunID KUZ-07-04

New Hours Earnings

Marie Matternon
 900 Cypress Way
 Walnut Creek CA 94596

Employee ID: KUTR05
 Department: 10500-Benefits
 Location: California Location
 Job Title: Administrative Assistant
 Pay Rate: \$17.000000 Hourly

Description	Rate	Current Hours	Current Earnings	YTD Hours	YTD Earnings
Regular	17.000000	60.00	1,020.00	156.00	2,652.00
Automobile All			50.00		75.00
Adjustments			75.00		100.00
Automobile Allowance			10.00		10.00
Award - Cash			25.00		25.00
Bonus			30.00		30.00
Compenary Time Off	17.000000	8.00	136.00	8.00	136.00
Earned not Paid	17.000000	16.00	272.00	16.00	272.00
Expense Reimbursement			30.00		30.00
July Pay			136.00		136.00
Double Time	34.000000	4.00	136.00	4.00	136.00
Other			36.00		859.33
Total:		124.00	2,778.33	220.00	4,410.33

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.
 NOTE: "Other" can be summation of both current/prior period earnings. Please contact the Payroll Administrator for a detailed list of other prior period earnings.

MESSAGE: New SQR Test Payroll for RunID KUZ-07-04

For an hourly California Employee, the earnings section of the paycheck will now include Earnings Begin and Earnings End dates for both current and prior pay period earnings.

When an hourly California Employee has all current earnings, all current earnings will appear with an earnings begin and earnings end date. If current earnings have reached the maximum of 12 earnings, all additional current earnings will be summarized in to one amount with a description of "Other".

NOTE: Earnings are sorted by earnings begin date, desc and earned with "Other" always appearing as the 13 line in earnings section of check when maximum earnings for display are reached.

Original Hours and Earnings

Marie Matternon
 900 Cypress Way
 Walnut Creek CA 94596

Employee ID: KUTR05
 Department: 10500-Benefits
 Location: California Location
 Job Title: Administrative Assistant
 Pay Rate: \$17.000000 Hourly

Description	Rate	Current Hours	Current Earnings	YTD Hours	YTD Earnings
Regular	17.000000	60.00	1,020.00	156.00	2,652.00
Automobile Allowance			50.00		75.00
Adjustments			75.00		100.00
Automobile Allowance			10.00		10.00
Award - Cash			25.00		25.00
Bonus			30.00		30.00
Compenary Time Off	17.000000	8.00	136.00	8.00	136.00
Earned not Paid	17.000000	16.00	272.00	16.00	272.00
Expense Reimbursement			30.00		30.00
July Pay			136.00		136.00
Double Time	34.000000	4.00	136.00	4.00	136.00
Other			36.00		859.33
Total:		124.00	2,778.33	220.00	4,410.33

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.
 NOTE: "Other" can be summation of both current/prior period earnings. Please contact the Payroll Administrator for a detailed list of other prior period earnings.

MESSAGE: Old SQR Test Payroll for RunID KUZ-07-04

Original Hours and Earnings

Marie Matternon
 900 Cypress Way
 Walnut Creek CA 94596

Employee ID: KUTR05
 Department: 10500-Benefits
 Location: California Location
 Job Title: Administrative Assistant
 Pay Rate: \$17.000000 Hourly

Description	Rate	Current Hours	Current Earnings	YTD Hours	YTD Earnings
Regular	17.000000	60.00	1,020.00	156.00	2,652.00
Automobile Allowance			50.00		75.00
Adjustments			75.00		100.00
Automobile Allowance			10.00		10.00
Award - Cash			25.00		25.00
Bonus			30.00		30.00
Compenary Time Off	17.000000	8.00	136.00	8.00	136.00
Earned not Paid	17.000000	16.00	272.00	16.00	272.00
Expense Reimbursement			30.00		30.00
July Pay			136.00		136.00
Double Time	34.000000	4.00	136.00	4.00	136.00
Other			36.00		859.33
Total:		124.00	2,778.33	220.00	4,410.33

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.
 NOTE: "Other" can be summation of both current/prior period earnings. Please contact the Payroll Administrator for a detailed list of other prior period earnings.

MESSAGE: New SQR Test Payroll for RunID KUZ-07-04

TN-1214062594-DEV-Unit Test_04.doc

March 22, 2007

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CONFIDENTIAL INFORMATION

SAS-TN-OR-01823633-OR-00165

TOMorrow NOW

Master Fix Id: CSS-TN-1214062594

Melody Johnson
444 Etnahook Way
Unit 214
San Jose, CA 94588

Melody Johnson
444 Etnahook Way
Unit 214
San Jose, CA 94588

HOURS AND EARNINGS			
Description	Rate	Hours	Earnings
Regular	20.000000	30.00	600.00
Automobile Allowance		50.00	50.00
Advances		75.00	75.00
Automobile Allowance		100.00	100.00
Award - Cash		25.00	25.00
Bonus		50.00	50.00
Compensatory Time Off	8.00	8.00	64.00
Earned not Paid	20.000000	16.00	320.00
Expense Reimbursemt		25.00	25.00
July Pay		20.00	20.00
Regular	0.119905	33.00	3.9572
Other		60.00	60.00
Total:		384.00	1,763.88

HOURS AND EARNINGS			
Description	Rate	Hours	Earnings
Regular	0.119905	33.00	3.9572
Regular	20.000000	30.00	600.00
Automobile All		50.00	50.00
Advances		75.00	75.00
Automobile All		100.00	100.00
Award - Cash		25.00	25.00
Bonus		50.00	50.00
Compensatory T	8.00	8.00	64.00
Earned not Paid	20.000000	16.00	320.00
Expense Reimbur		25.00	25.00
July Pay		20.00	20.00
Other		60.00	60.00
Total:		384.00	1,763.88

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 0.0
 + Earned:
 + Bought:
 - Taken:
 - Sold:
 + Adjustments:
 End Balance: 0.0

NOTE: Rate * Hours = Earnings unless an hours or earnings adjustment is included or Rate is from an FLSA calculation.

Start Balance: 0.0
 + Earned:
 + Bought:
 - Taken:
 - Sold:
 + Adjustments:
 End Balance: 0.0

MESSAGE: Old SQR Test Payroll for Reaid KUZ-07-04

MESSAGE: New SQR Test Payroll for Reaid KUZ-07-04

Development Validation of Paycheck and Advice:

Used the following Display coding to create a CSV file which was used to validate the data that appears on the paycheck. This data will be written to the check and advice log file:

Update-ETDarray-Current-Earnings - will show an entry for each earnings to be copied and loaded into Excel for balancing checks and advices. The logic will not appear in delivered source code for clients. It is used by the developer only to validate data being processed.

```

*****
begin-procedure Update-ETDarray-Current-Earnings
!*****
if #Hours < 0 or #Earnings < 0

    if #Hours_Found = 'Y'
        and &J.EMPL_TYPE <> 'S'
            let $CSV2_EmpIid = ltrim(&B.EmpIid, ' ')
            let $CSV2_Rate = ltrim(edit(#Rate, '999.99999'), ' ')
            let $CSV2_Earnings_hrs = ltrim(edit(#Hours, '999.99'), ' ')
            let $CSV2_Earnings_amt = ltrim(edit(#Earnings, '99,999.990.99'), ' ')

            let $CSV2_Comma = ','
            let $CSV2_STR = $CSV2_EmpIid || $CSV2_Comma || $Code || $CSV2_Comma || $Name || $CSV2_Comma
            let $CSV2_STR2 = $Earnings_Begin Dt || $CSV2_Comma || $Earnings_End Dt || $CmpRtCd || $CSV2_Comma
    
```

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```

let $CSV2_STR3 = $CSV2_Rate || $CSV2_Comma || $CSV2_Earns_hrs || $CSV2_Earns_amt
let $CSV2_All = $CSV2_STR || $CSV2_STR2 || $CSV2_STR3
display $CSV2_All
end-if

```

Data is from PAY003_539_out_after.html file:

```

From Paycheck Output Log File:
KUZ003 ,REG,Regular,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,40.00,591.35
KUZ003 ,AAL,Automobile Allowance,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,5.00
KUZ003 ,ADJ,Adjustments,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,0.00,100.00
KUZ003 ,BNS,Bonus,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,10.00
KUZ003 ,DBT,Double Time,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,29.5673,5.00,147.84
KUZ003 ,ENP,Earned not Paid,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,16.00,236.54
KUZ003 ,OTF,Overtime,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,16.4622,5.00,115.07
KUZ003 ,RFA,Referral Award,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,50.00
KUZ003 ,REG,Regular,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,8.00,118.27
KUZ003 ,ADV,Advance,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,200.00
KUZ003 ,AUT,Automobile Allowance,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,50.00
KUZ003 ,AWA,Award -- Cash,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,0.00,100.00
KUZ003 ,CMA,Compensatory Time Off Adjust,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,16.00,236.54
KUZ003 ,CMP,Compensatory Time Off,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,8.00,118.27
KUZ003 ,EXP,Expense Reimbursement,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,25.00
KUZ003 ,SCK,Sick Leave,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,8.00,118.27
KUZ003 ,AAL,Automobile Allowance,2007-01-08 00:00:00.000,2007-01-12 00:00:00.000 ,0.0000,0.00,5.00
KUZ003 ,BNS,Bonus,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,10.00
KUZ003 ,DBT,Double Time,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,29.5673,5.00,147.84
KUZ003 ,OTF,Overtime,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,15.2600,10.00,224.14
KUZ003 ,OTS,Straight Overtime,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,1.00,14.78
KUZ003 ,REG,Regular,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,0.00,200.00
KUZ003 ,AAL,Automobile Allowance,2007-01-02 00:00:00.000,2007-01-07 00:00:00.000 ,0.0000,0.00,5.00
KUZ003 ,ADJ,Adjustments,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,0.00,200.00
KUZ003 ,BNS,Bonus,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,0.0000,0.00,10.00
KUZ003 ,DBT,Double Time,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,29.5673,5.00,147.84
KUZ003 ,OTF,Overtime,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,22.1755,10.00,221.75
KUZ003 ,OTS,Straight Overtime,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,5.00,73.92
KUZ003 ,REG,Regular,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000 ,14.7837,10.00,147.84
KUZ003 ,BNS,Bonus,2007-01-02 00:00:00.000,2007-01-06 00:00:00.000 ,0.0000,0.00,10.00
KUZ003 ,BNS,Bonus,2007-01-02 00:00:00.000,2007-01-06 00:00:00.000 ,0.0000,0.00,-10.00

```

Process-Earnings-Array - will show an entry for each earnings up to a maximum of 12 and will show "OTHER" for summarized earnings over the maximum which will be copied and loaded into Excel for balancing checks and advices. The logic will not appear in delivered source code for clients. It is used by the developer only to validate data being processed.

```

!*****
begin-procedure Process-Earnings-Array
!*****

```

move 0 to #j

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```

begin-SELECT
EW.EARNS_TYPE
EW.ERNCD
EW.EARNS_BEGIN_DT
EW.EARNS_END_DT
EW.COMP_RATECD
EW.HOURLY_RT
EW.DESCR
EW.EARNS_HRS
EW.EARNS_AMT

move &EW.EARNS_TYPE to SEARNS_TYPE
move &EW.ERNCD to SERNCD
move &EW.EARNS_BEGIN_DT to SEARNS_BEGIN_DT
move &EW.EARNS_END_DT to SEARNS_END_DT
move &EW.COMP_RATECD to $COMP_RATECD
move &EW.HOURLY_RT to $HOURLY_RT
move &EW.DESCR to $DESCR
move &EW.EARNS_HRS to $EARNS_HRS
move &EW.EARNS_AMT to $EARNS_AMT

let $CSV_Emplid = ltrim(&B.EmplID,')
let $CSV_Rate = ltrim(edit($HOURLY_RT,'999,9999'),'')
let $CSV_Earns_hrs = ltrim(edit($EARNS_HRS,'999,999'),'')
let $CSV_Earns_amt = ltrim(edit($EARNS_AMT,'99,999,990.99'),'')

let $CSV_Comma = ','
let $CSV_STR = $CSV_Emplid || $CSV_Comma || $EARNS_TYPE || $CSV_Comma || $SERNCD || $CSV_Comma
let $CSV_STR2 = $DESCR || $CSV_Comma || $EARNS_BEGIN_DT || $CSV_Comma || $EARNS_END_DT || $CSV_Comma
let $CSV_STR3 = $COMP_RATECD || $CSV_Comma || $CSV_Rate || $CSV_Comma || $CSV_Earns_hrs || $CSV_Comma || $CSV_Earns_amt
let $CSV_All = $CSV_STR || $CSV_STR2 || $CSV_STR3

display $CSV_All

From Paycheck Output Log File:
KUZ003 1,REG,Regular ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,14.7837,48.00,709.62
KUZ003 3,OTF,Overtime ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,16.4622,5.00,115.07
KUZ003 4,AAL,Automobile Allowance ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,0.00,5.00
KUZ003 4,ADJ,Adjustments ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,14.7837,0.00,100.00
KUZ003 4,ADV,Advance ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,0.00,200.00
KUZ003 4,AUT,Automobile Allowance ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,0.00,50.00
KUZ003 4,AWA,Award -- Cash ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,14.7837,0.00,100.00
KUZ003 4,BNS,Bonus ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,0.00,10.00
KUZ003 4,CMA,Compensatory Time Off Adjust ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,14.7837,16.00,236.54
KUZ003 4,DBT,Double Time ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,29.5673,5.00,147.84
KUZ003 4,ENP,Earned not Paid ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,14.7837,16.00,236.54
KUZ003 4,RFA,Referral Award ,2007-02-10 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,0.00,50.00
KUZ003 5,***,Other ,2007-01-02 00:00:00.000,2007-02-23 00:00:00.000, ,0.0000,67.00,1,581.72

```

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SPREADSHEET VALIDATION - EMPLID-KUZ003-VALIDATION.XLS:

EMPLID	ERNCD	DESCR	BEGIN DT	END DT	RATE	HR S	AMT	HR S	AMT	TOTALS
KUZ003	REG	Regular	2/10/2007	2/23/2007	14.7837	40	591.35			
KUZ003	REG	Regular	2/10/2007	2/23/2007	14.7837	8	118.27			
KUZ003	OTP	Overtime	2/10/2007	2/23/2007	16.4622	5	115.07			
KUZ003	AAL	Automobile Allowance	2/10/2007	2/23/2007	0	0	5			
KUZ003	ADJ	Adjustments	2/10/2007	2/23/2007	14.7837	0	100			
KUZ003	ADV	Advance	2/10/2007	2/23/2007	0	0	200			
KUZ003	AUT	Automobile Allowance	2/10/2007	2/23/2007	0	0	50			
KUZ003	AWA	Award - Cash	2/10/2007	2/23/2007	14.7837	0	100			
KUZ003	BNS	Bonus	2/10/2007	2/23/2007	0	0	10			
KUZ003	GMA	Compensatory Time Off Adjust	2/10/2007	2/23/2007	14.7837	16	236.54			
KUZ003	DBT	Double Time	2/10/2007	2/23/2007	29.5673	5	147.84			
KUZ003	ENP	Earned, not Paid	2/10/2007	2/23/2007	14.7837	15	236.54			
KUZ003	REA	Referral Award	2/10/2007	2/23/2007	0	0	50			1950.61
KUZ003	CMP	Compensatory Time Off	2/10/2007	2/23/2007	14.7837	8	118.27			
KUZ003	EXP	Expense Reimbursement	2/10/2007	2/23/2007	0	0	25			
KUZ003	SCK	Sick Leave	1/2/2007	2/23/2007	14.7837	8	118.27			
KUZ003	AAL	Automobile Allowance	1/8/2007	1/12/2007	0	0	5			
KUZ003	BNS	Bonus	1/2/2007	2/23/2007	0	0	10			
KUZ003	DBT	Double Time	1/2/2007	2/23/2007	29.5673	5	147.84			
KUZ003	OTP	Overtime	1/2/2007	2/23/2007	15.26	10	224.14			
KUZ003	OTS	Straight Overtime	1/2/2007	2/23/2007	15.26	5	112.07			
KUZ003	REG	Regular	1/2/2007	2/23/2007	14.7837	1	14.78			
KUZ003	AAL	Automobile Allowance	1/2/2007	1/7/2007	0	0	5			
KUZ003	ADJ	Adjustments	1/2/2007	2/23/2007	14.7837	0	200			
KUZ003	BNS	Bonus	1/2/2007	2/23/2007	0	0	10			
KUZ003	DBT	Double Time	1/2/2007	2/23/2007	29.5673	5	147.84			
KUZ003	OTP	Overtime	1/2/2007	2/23/2007	22.1755	10	221.75			
KUZ003	OTS	Straight Overtime	1/2/2007	2/23/2007	14.7837	5	73.92			
KUZ003	REG	Regular	1/2/2007	2/23/2007	14.7837	10	147.84			
KUZ003	BNS	Bonus	1/2/2007	1/6/2007	0	0	10			
KUZ003	BNS	Bonus	1/2/2007	1/6/2007	0	0	-10			
Process-Earnings-Array										1581.72

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EMPLID	ERNCD	DESCR	BEGIN DT	END DT	RATE	HR S	AMT	
KUZ003	1 REG	Regular	2/10/2007	2/23/2007	14.7837	48	709.62	
KUZ003	3 OTP	Overtime	2/10/2007	2/23/2007	16.4622	5	115.07	
KUZ003	4 AAL	Automobile Allowance	2/10/2007	2/23/2007	0	0	5	
KUZ003	4 ADJ	Adjustments	2/10/2007	2/23/2007	14.7837	0	100	
KUZ003	4 ADV	Advance	2/10/2007	2/23/2007	0	0	200	
KUZ003	4 AUT	Automobile Allowance	2/10/2007	2/23/2007	0	0	50	
KUZ003	4 AWA	Award -- Cash	2/10/2007	2/23/2007	14.7837	0	100	
KUZ003	4 BNS	Bonus	2/10/2007	2/23/2007	0	0	10	
KUZ003	4 CMA	Compensatory Time Off Adjust	2/10/2007	2/23/2007	14.7837	16	236.54	
KUZ003	4 DBT	Double Time	2/10/2007	2/23/2007	29.5673	5	147.84	
KUZ003	4 ENP	Earned not Paid	2/10/2007	2/23/2007	14.7837	16	236.54	
KUZ003	4 RFA	Referral Award	2/10/2007	2/23/2007	0	0	50	
KUZ003	5 ***	Other	1/2/2007	2/23/2007	0	57	156.22	
							157	5542.03
							157	3542.3

QA - Recommendation for Testing and Validation SQL

1. Recommended Scenarios for Testing
2. SQL Scripts to be used for Validating data appearing on the Check and Advice

- 1) *Salaried and Hourly employee who does not have California Wages but has current earnings for Paycheck/Advice.*
- 2) *Salaried and Hourly employee who does not have California Wages but has current earnings and prior period earnings for Paycheck/Advice.*
- 3) *Salaried California Employee who has current payroll earnings for Paycheck/Advice.*
- 4) *Salaried California Employee who has current and prior period payroll earnings for Paycheck/Advice. I.e. Erncd: SCK, PTO, BNS, VAC, JUR, BRV, COM, etc.*
- 5) *Hourly California Employees who have both a check and advice with current and prior earnings; and these earnings are being summarized as "OTHER" earnings on both Paycheck and Advice.*
- 6) *Hourly California Employee who has maximized prior earnings and these earnings are being summarized as "OTHER" earnings on paycheck and advice.*
- 7) *Hourly California Employee whose current earnings have reached the maximum number of earnings to appear on Paycheck/Advice.*
- 8) *Hourly California Employee whose current earnings have not reached the maximum number to appear on the on Paycheck/Advice.*
- 9) *Hourly California Employee whose current and prior period earnings have not reached the maximum number to appear on the on Paycheck/Advice.*

QA Validation of Paycheck and Advice: (NOTE: These are SQL Server Scripts, please contact the developer for Oracle or DB2 scripts)

Created the following SQL statements which QA can use to create a CSV file which can be used to validate the data that appears on the paycheck/ddp003. Note: Need to utilize the Paycheck/Advice to eliminate all earnings which are actually appearing. By process of eliminating the earnings appearing on the check/advice, the "Other" will be a total of hours and earnings amounts.

Select used to retrieve Regular Earnings for current payroll:

```

/*SQL STATEMENT USED FOR DATA VALIDATION*/
SELECT A.EMPLID,
A.EMPL_RCD,
(CONVERT(CHAR(10),A.PAY_END_DT,121))PAY_END_DT,
A.ADDL_NBR,
(CONVERT(CHAR(10),A.EARN_BEGN_DT,121))EARN_BEGN_DT,

```

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```

(CONVERT(CHAR(10),A.EARNS_END_DT,121))EARNES_END_DT,
A.STATE,
A.HOURLY_RT,
A.FLSA_RT,
A.RATE_USED,
A.FLSA_REQUIRED,
A.ERNCD_REG_HRS,
A.ERNCD_OT_HRS,
A.REG_PAY_HRS,
A.REG_HRS,
A.OT_HRS,
A.REG_HRLY_EARNS,
A.OT_HRLY_EARNS
FROM PPS_PAY_EARNINGS A
WHERE A.PAY_END_DT = '02-23-2007'
AND A.EMPLID IN ('KUTR05','KUZ003','KU0090','KUTR02','KUZ002','KU0118','KUTR04')
AND (A.REG_PAY_HRS <> 0
OR A.REG_HRS <> 0)
GROUP BY A.EMPLID,
A.EMPL_RCD,
A.PAY_END_DT,
A.ADDL_NBR,
A.EARNS_END_DT,
A.EARNS_BEGIN_DT,
A.STATE,
A.HOURLY_RT,
A.FLSA_RT,
A.RATE_USED,
A.FLSA_REQUIRED,
A.ERNCD_REG_HRS,
A.ERNCD_OT_HRS,
A.REG_PAY_HRS,
A.REG_HRS,
A.OT_HRS,
A.REG_HRLY_EARNS,
A.OT_HRLY_EARNS
ORDER BY A.EMPLID,
A.EARNS_END_DT DESC

```

Select used to retrieve Other Earnings for current payroll:

```

/*SQL STATEMENT USED FOR DATA VALIDATION*/
SELECT A.EMPLID,
A.EMPL_RCD,
(CONVERT(CHAR(10),A.PAY_END_DT,121))PAY_END_DT,
A.ADDL_NBR,
(CONVERT(CHAR(10),A.EARNS_BEGIN_DT,121))EARNES_BEGIN_DT,
(CONVERT(CHAR(10),A.EARNS_END_DT,121))EARNES_END_DT,
A.STATE,
B.ERNCD,
B.OTH_HRS,
B.OTH_PAY,
B.OTH_EARNS
FROM PPS_PAY_EARNINGS A,

```

PS.PAY_OTH_EARNS B
 WHERE A.COMPANY = B.COMPANY
 AND A.PAYGROUP = B.PAYGROUP
 AND A.PAY_END_DT = B.PAY_END_DT
 AND A.OFF_CYCLE = B.OFF_CYCLE
 AND A.PAGE_NUM = B.PAGE_NUM
 AND A.LINE_NUM = B.LINE_NUM
 AND A.ADDL_NBR = B.ADDL_NBR
 AND A.PAY_END_DT = '02-23-2007'
 AND A.EMPLID in ('KUTR05','KUZ003','KUZ002','KU0118','KUTR04')
 GROUP BY A.EMPLID,
 A.EMPL_RCD,
 A.PAY_END_DT,
 A.ADDL_NBR,
 A.EARNS_END_DT,
 A.EARNS_BEGIN_DT,
 A.STATE,
 B.ERNCD,
 B.OTH_HRS,
 B.OTH_PAY,
 B.OTH_EARNS
 ORDER BY A.EMPLID,
 A.EARNS_END_DT DESC

List of Clients used as a Baseline for PAY003.SQR

H83!TSUM

QA Testing - PAY003.SQR files are located in the following directories:

1. F:\Development Staging\CSS HRMS 7.02\PY07MAR\Individual Fixes\TN-1214062594
2. F:\Development Staging\CSS HREG 7.51 Education & Government\PY07MAR\Individual Fixes\TN-1214062594
3. F:\Development Staging\CSS HRMS 8SP1\PY07MAR\Individual Fixes\TN-1214062594
4. F:\Development Staging\CSS HRMS 8.3SP1\PY07MAR\Individual Fixes\TN-1214062594
5. F:\Development Staging\CSS HRMS 8.8SP1\PY07MAR\Individual Fixes\TN-1214062594
6. F:\Development Staging\CSS HRMS 8.9SP1\PY07MAR\Individual Fixes\TN-1214062594

List of Clients used as a Baseline for DDP003.SQR

H83!TSUM

QA Testing - DDP003.SQR files are located in the following directories:

1. F:\Development Staging\CSS HRMS 7.02\PY07MAR\Individual Fixes\TN-1214062594
2. F:\Development Staging\CSS HREG 7.51 Education & Government\PY07MAR\Individual Fixes\TN-1214062594
3. F:\Development Staging\CSS HRMS 8SP1\PY07MAR\Individual Fixes\TN-1214062594
4. F:\Development Staging\CSS HRMS 8.3SP1\PY07MAR\Individual Fixes\TN-1214062594

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- 5. F:\Development Staging\CSS HRMS 8.8SP1\PY07MAR\Individual Fixes\TN-1214062594
- 6. F:\Development Staging\CSS HRMS 8.9SP1\PY07MAR\Individual Fixes\TN-1214062594

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Sources for PAY003 and DDP003 California Wage Earnings Regulatory modification:

PAY003/DDP003	Source	Clients
H702RHIM	Source1	RHI
H751ACTW	Source1	AGT,UOM,UPTH
H751EDEO	Source2	EDE,ICF,INGI,TPA
HR751C55	Source3	ADV,B5C,UNI
H801QG1S	Source1	Q6I
H801BGPO	Source2	BGP,CAG,SPL,RRN
H801BDGM	Source3	BDG,MCC,ROS,SPG,RPL
H83TRWGM	Source1	RWC
H831T SUM	Source2	AGE,ARL,ARM,BLS,CCL,FGS,FLI,HLI,IFS,OLN,IPAS,SOE,SPS,STA,TA T,SU,WEN
H881CCOO	Source1	CCO,CHS,COH,DDM,EBM,KCM,WMI
H881RIIO	Source2	RII
H881OXFM	Source3	BKB,CSK,OXF,MKL,MOH,PVW
H890GKNM	Source1	GKN
H890GSFM	Source2	GSF