

CUSTOM UBE R5743121 – UPDATE AMOUNT RECEIVED TESTING IN ST

When a user reverses the open amount remaining after a partial voucher of a receipt, the Amount Received (AREC) column in the F43121 is completely erased. This is a data integrity issue. The issue does not create an immediate problem, however if a commitment integrity issue is created on that order, and the purge & re-build is run, the F43199 is re-built without the blank Amount Received receipt in it. This creates a commitment integrity issue that cannot be resolved without a SQL.

Match Type 1 records in the F43121 (receipts) should have an Amount Received equal to Amount Paid to Date + Amount Open. This Custom UBE has been created to re-create the SQL's that are normally completed to correct these data errors.

Data Browser - F43121 [Purchase Order Receiver File]

Tools:

Filters: MT, Order Number, Or Ty, Order Co, Ord Suf, Line Number, No of Lines, Document Number

$AREC = APTD + AOPN$

Records 1 - 34

Order Co	Order Number	Or Ty	Ord Suf	Line Number	No of Lines	Extended Cost	Amount Paid to Date	Amount Open	Amount Received	Co Ctr
02501		7294 OS	000		4.000	1	4,927.99			
01451		10113 OS	000		1.000	14	672,250.18			
01451		11682 OS	000		1.000	19	74,160.00			
01822		12385 OS	000		1.000	1	5,798.69			

Program / Data Selections / Processing Options

Work With Batch Versions - Available Versions

Tools:

Batch Application: R5743121 Update AMount open Web and Client

Read Only Report (Y/N): N

Records 1 - 1

Version	Version Title	User	Last Modified	Security	Description	Client Platform
<input checked="" type="checkbox"/>	TPC001	Update Amount Received in F43121	SRAFTER	09/04/2015	0	No Security

Data Selection

Tools:

Operator	Left Operand	Comparison	Right Operand	
<input type="checkbox"/>	Where	Type - Match Record Type (F43121) (MATC) [BC]	is equal to	Null
<input type="checkbox"/>	And	Document (Order No, Invoice, etc.) (F43121) (DOCO) [BC]	is equal to	Null
<input type="checkbox"/>	And	Order Type (F43121) (DCTO) [BC]	is equal to	Null
<input type="checkbox"/>	And	Line Number (F43121) (LNID) [BC]	is equal to	Null
<input type="checkbox"/>	And	Number of Lines (F43121) (NLIN) [BC]	is equal to	Null
<input type="checkbox"/>	And			

Processing Options

Tools:

User selection

Mode (1=Proof, 2=Final)

Test Plan

1. Create error condition in test environment
2. Confirm the existence of commitment integrity issue that cannot be resolved
3. Run the Custom UBE
4. Confirm error condition is resolved in F43121
5. Run purge & re-build to resolve commitment integrity error

Commitment Integrity issue - F4311 Open Amount not equal to F43199 Open Amount

Name: Commitment Integrity Report

Run Report | Get Sample Data | Refresh | Close | How to use | Design | A A

Project Cost Center:
 Subsidiary:
 Object Account:
 Order Company: 2001

Order Number	Order Co	Or Ty	Ord Suf	Line Number	Sub Type	Sub ledger	F4311 Open Amount	F4311 Tax	Order Detail Open Amount	F43199 Open Amount	F43199 Tax Commitment	Audit Trail Open Amount	F4311 / F43199 Variance	Cost Center	Account ID
3	02001	OM	000	1000			1,000.00	0.00	1,000.00	4,000.00	0.00	4,000.00	Not 0.00 and Not .01 and Not -.01 and Not .02 and Not .03	PROJECT COST CENTER	01630503
							1,000.00	0.00	1,000.00	4,000.00	0.00	4,000.00	-3,000.00	10174600	Not blank
							1,000.00	0.00	1,000.00	4,000.00	0.00	4,000.00	-3,000.00		

F43121 AREC (Amount Received) is also blank on a receipt

Data Browser - F43121 [Purchase Order Receiver File] Query: All Records

Tools

MT = *
 Order Number = *
 Or Ty = *
 Order Co = *
 Ord Suf = *
 Line Number = *
 No of Lines = *
 Document Number = *

Records 1 - 1

Extended Cost	Amount Open	Amount Paid to Date	Amount Received	Wr By
1		1,000.00		

Run Purge & Re-build

Data Selection

OK Cancel Delete Up Down

Operator	Left Operand	Comparison	Right Operand
<input checked="" type="checkbox"/> Where	LT (Ledger Types) (F43199) [IC]	is equal to	"PA"
<input type="checkbox"/> And	DOCO (Document (Order No, Invoice, etc.)) (F43199) [IC]	is equal to	"3"
<input type="checkbox"/> And	DCTO (Order Type) (F43199) [IC]	is equal to	"OM"
<input type="checkbox"/> And			

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Data Browser - F43199 [P.O. Detail Ledger File - Flexible Version] Query: All Records

Unique Key ID = *

No records found.

PA		3	OM	
LT	Order Co	Order Number	Or Ty	Ord Suf

Data Selection

OK Cancel Delete Up Down

Operator	Left Operand	Comparison	Right Operand
<input type="checkbox"/> Where	Document (Order No, Invoice, etc.) (F4311) (DOCO) [BC]	is equal to	"3"
<input type="checkbox"/> And	Order Type (F4311) (DCTO) [BC]	is equal to	"OM"
<input type="checkbox"/> And			

Data Browser - F43199 [P.O. Detail Ledger File - Flexible Version] Query: All Records

Unique Key ID = *

Records 1 - 1

Extended Price	Amount on Hold	Amount Open	Amount Received	Amount Relieved
10,000.00				

F43199 is rebuilt without the error receipt. Commitment Integrity issue cannot be fixed via the Purge & Re-build

Name Commitment Integrity Report

Run Report Get Sample Data Refresh Close How to use Design - A A

Project Cost Center
Subsidiary
Object Account
Order Company 2001

Order Number	Order Co	Or Ty	Ord Suf	Line Number	Sub Type	Sub-ledger	F4311 Open Amount	F4311 Tax	Order Detail Open Amount	F43199 Open Amount	F43199 Tax Commitment	Audit Trail Open Amount	F4311 / F43199 Variance	Cost Center	Account ID
3	2001	OM	000	1.000			1,000.00	0.00	1,000.00	10,000.00	0.00	10,000.00	Not 0.00 and Not .01 and Not -.01 and Not .02 and Not .03	PROJECT COST CENTER	Not blank
							1,000.00	0.00	1,000.00	10,000.00	0.00	10,000.00	-9,000.00	10174600	01630503

Run Custom UBE to populate AREC in F43121

Data Selection

OK Cancel Delete Up Down

Operator	Left Operand	Comparison	Right Operand
<input type="checkbox"/> Where	Type - Match Record Type (F43121) (MATC) [BC]	is equal to	"1"
<input type="checkbox"/> And	Document (Order No, Invoice, etc.) (F43121) (DOCO) [BC]	is equal to	"3"
<input type="checkbox"/> And	Order Type (F43121) (DCTO) [BC]	is equal to	"OM"
<input type="checkbox"/> And	Line Number (F43121) (LNID) [BC]	is equal to	"1.000"
<input type="checkbox"/> And	Number of Lines (F43121) (NLIN) [BC]	is equal to	"1"
<input type="checkbox"/> And			

Report shows update to F43121 Amount Received, and F43121 is updated

R5743121		Tutor Perini Corporation			9/11/2015 13:56:22	
		Update AMount open			Page - 1	
FINAL						
M	Order	Or	Line	Amount	Amount	Amount
T	Number	Ty	Number	Open	Paid to Date	Received
1		3 OM	1.000		1,000.00	1,000.00

Data Browser - F43121 [Purchase Order Receiver File] Query: All Records

Tools

MT = *
 Order Number = *
 Or Ty = *
 Order Co = *
 Ord Suf = *
 Line Number = *
 No of Lines = *
 Document Number = *

Records 1 - 1 Customize Grid Grid Format Name2

	Extended Cost	Amount Open	Amount Paid to Date	Amount Received	Wrt By
1			1,000.00	1,000.00	

Re-cancel the Line on the Order and run Purge & Re-Build to fix Commitment Integrity issue

Data Selection

OK Cancel Delete Up Down

Operator	Left Operand	Comparison	Right Operand
<input checked="" type="checkbox"/>	Where LT (Ledger Types) (F43199) [IC]	is equal to	"PA"
<input type="checkbox"/>	And DOCO (Document (Order No, Invoice, etc.)) (F43199) [IC]	is equal to	"3"
<input type="checkbox"/>	And DCTO (Order Type) (F43199) [IC]	is equal to	"OM"
<input type="checkbox"/>	And		

Data Browser - F43199 [P.O. Detail Ledger File - Flexible Version] Query: All Records

Tools

Unique Key ID = *

No records found. Customize Grid Grid Format Name1

LT	Order Co	Order Number	Or Ty	Ord Suf
PA		3	OM	

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Data Selection

OK Cancel Delete Up Down

Operator	Left Operand	Comparison	Right Operand
<input type="checkbox"/> Where	Document (Order No, Invoice, etc.) (F4311) (DOCO) [BC]	is equal to	"3"
<input type="checkbox"/> And	Order Type (F4311) (DCTO) [BC]	is equal to	"OM"
<input type="checkbox"/> And			

Data Browser - F43199 [P.O. Detail Ledger File - Flexible Version] Query: All Records

Unique Key ID = * *

Records 1 - 3

Amount on Hold	Amount Open	Amount Received	Amount Relieved	Ta Co
10,000.00				
		1,000.00	1,000.00	
9,000.00-			10,000.00	

Commitment Integrity issue is resolved

Name Commitment Integrity Report

Run Report Get Sample Data Refresh Close How to use Design

Project Cost Center
 Subsidiary
 Object Account
 Order Company 2001

Order Number	Order Co	Or Ty	Ord Suf	Line Number	Sub Type	Sub-ledger	F4311 Open Amount	F4311 Tax	Order Detail Open Amount	F43199 Open Amount	F43199 Tax Commitment	Audit Trail Open Amount	F4311 / F43199 Variance	Cost Center	Account ID
3	2001	OM	000	1.000			0.00	0.00	0.00	0.00	0.00	0.00	Not 0.00 and Not .01 and Not -.01 and Not .02 and Not .03	PROJECT COST CENTER	Not blank
							0.00	0.00	0.00	0.00	0.00	0.00	0.00	10174600	01630503

TEST PASSED – PROMOTE TO PRODUCTION