

JDE will not release retention on an Order 7408 OS because the Open Amount on the PO Details table (F4311) is less than 0.00

Background

An R&S User encountered errors releasing retention on a subcontract. Investigation of the procurement tables revealed that one line item had over receipt conditions that mathematically reduced the Open Amount to a negative value rather than capping the line item at zero as it should have. A SQL update to the Open Amount of the affected line items is normally executed to clear the negative Open Amount in the F4311 and unlock the order, allowing for the retainage release. A Custom UBE has been developed to perform this same action instead so SQL's can be avoided in the future. The use of thresholds and the closing of conversion Orders will help eliminate this problem completely.

Test Plan

1. Run R5743112 on Order #7408 OS in proof mode
2. Ensure proof mode does not make any updates, review report
3. Run R5713112 on Order #7408 OS in final mode
4. Ensure the update is made
5. Ensure retention can be released

Documentation of situation in PD

Work With Financial Status Inquiry

Order No: 7408 OS 02001 Thru Date: 12/31/2015

Supplier: 335111 Walters & Wolf Glass Comp

Change Order	Line Number	Description	Order Amount	Tax Amount	Order Units	Billed Amount	Billed Units	Retained Amount	Paid Amount	Open Amount	Open Units	UM	Sub Type	Sub Ledger	Job	Cost Type	Sub
000	1.000	GLASS & GLAZING	11,601,773.00			11,609,562.00		290,239.17	1,173,408.23	7,789.00		LS			10047400	5070	08800001
000	2.000	Move Steel Tube	4,733.00			4,733.00		118.32	4,614.68			EA			10047400	5070	08800001
000	3.000	Schedule Mitigation Plan	14,823.00			14,823.00		370.57	14,452.43			EA			10047400	5070	08800001
000	4.000	Payable Adj	544,657.00			544,657.00		13,616.42	524,320.88			EA			10047400	5070	08800001

Data Browser - F4311 [Purchase Order Detail File]

Order Number: [] *
 Or Ty: [] *
 Order Co: [] *
 Ord Suf: [] *
 Line Number: [] *

Line Number	Extended Price	Amount Received	Amount Relieved	Amount Open
1.000	11,601,773.00	11,609,562.00	11,601,773.00	7,789.00-

Tried to release retention in A/P – Progress Payments

Select Retainage To Release

Order Number: 7408 OS 02001 Job Number: 10047400
 Supplier: 335111 Walters & Wolf Glass Comp
 Account Number: *
 Item Number: *
 Currency Code: USD U.S. Dollar

Order Number	Or Ty	Order Co	Change Order	Line Number	Retainage To Release	Account Number	Multiple Accounts	Sub - Type	Sub Ledger	Ln Ty	Asset ID	Business Unit
7408	OS	02001	000	1.000	290,239.17	10047400.5070.08800001	<input type="checkbox"/>			J		10047400

Only \$5,835.11 will pull into the voucher. The \$290,239.17 will not.

Voucher Match

Contract Num.: 7408 OS 02001 Job Number: 10047400
 Voucher Num.: 1040414 PS 02001 Batch: 1528746
 Subcontractor: 335111 Walters & Wolf Glass Comp
 Invoice Num.: 12321635 Co.: 02001
Gross Amount: 5,835.11 Tax: Taxable Amt.:
 Invoice Date: 09/01/2015 Discount Amt.: Retained Amt.:
 Eff. Date: 09/01/2015 Def VAT: Remaining:
 Currency: USD Exchange Rate: Base: USD Foreign:

O P	Change Order	Item Number	Subcontractor	Quantity To Voucher	Tr. UoM	Amount To Voucher	Retained Amount	Percentage Retained	Retainage Indicator
1	000	9240	335111		EA				<input checked="" type="checkbox"/>

Run R5743112 in proof mode

Work With Batch Versions - Available Versions

Batch Application: R5743112 Update Open Amount in F4311 Web and Client
 Read Only Report (Y/N): N

Version	Version Title	User	Last Modified	Security	Description	Client Platform
TPC001	Update Order Header	SRAFTER	09/01/2015	0	No Security	

Data Selection

Operator: Where
 Left Operand: Company (F4311) (CO) [BC]
 Comparison: is equal to
 Right Operand: "02001"

Operator: And
 Left Operand: Document (Order No, Invoice, etc.) (F4311) (DOCO) [BC]
 Comparison: is equal to
 Right Operand: "7408"

Operator: And
 Left Operand: Order Type (F4311) (DCTO) [BC]
 Comparison: is equal to
 Right Operand: "OS"

Operator: And
 Left Operand: Line Number (F4311) (LNID) [BC]
 Comparison: is equal to
 Right Operand: "1.000"

R5743112 – UPDATE OPEN AMOUNT IN F4311 CUSTOM UBE TESTING IN ST

Processing Options

OK Cancel

Select

Mode (1=Proof, 2=Final)

Open Amount

No update is made to the F4311

Work With Financial Status Inquiry Query: All Records

Order No 7408 OS 02001 Thru Date 09/01/2015
 Supplier 335111 Walters & Wolf Glass Comp Type/Subledger Foreign

Change Order	Line Number	Description	Order Amount	Tax Amount	Order Units	Billed Amount	Billed Units	Retained Amount	Paid Amount	Open Amount	Open Units	UM	Sub Type	Sub Ledger	Job	Cost Type	Sub
000	1.000	GLASS & GLAZING	11,601,773.00			11,609,562.00		290,239.17	1,173,408.23	7,789.00		LS			10047400	5070	08800001
000	2.000	Move Steel Tube	4,733.00			4,733.00		118.32	4,614.68			EA			10047400	5070	08800001
000	3.000	Schedule Mitigation Plan	14,823.00			14,823.00		370.57	14,452.43			EA			10047400	5070	08800001
000	4.000	Payable Adj	544,657.00			544,657.00		13,616.42	524,320.88			EA			10047400	5070	08800001

Data Browser - F4311 [Purchase Order Detail File] Query: All Records

Order Number = *
 Or Ty = *
 Order Co = *
 Ord Suf = *
 Line Number = *

Records 1 - 1

Line Number	Extended Price	Amount Received	Amount Relieved	Amount Open
1.000	11,601,773.00	11,609,562.00	11,601,773.00	7,789.00

Run R5743112 in final mode

Work With Batch Versions - Available Versions

Batch Application R5743112 Update Open Amount in F4311 Web and Client
 Read Only Report (Y/N) N

Records 1 - 1

Version	Version Title	User	Last Modified	Security	Description	Client Platform
TPC001	Update Order Header	SRAFTER	09/01/2015 0	No Security		

R5743112 – UPDATE OPEN AMOUNT IN F4311 CUSTOM UBE TESTING IN ST

Data Selection

OK Cancel Delete Up Down

	Operator	Left Operand	Comparison	Right Operand
<input checked="" type="checkbox"/>	Where	Company (F4311) (CO) [BC]	is equal to	"02001"
<input type="checkbox"/>	And	Document (Order No, Invoice, etc.) (F4311) (DOCO) [BC]	is equal to	"7408"
<input type="checkbox"/>	And	Order Type (F4311) (DCTO) [BC]	is equal to	"OS"
<input type="checkbox"/>	And	Line Number (F4311) (LNID) [BC]	is equal to	"1.000"
<input type="checkbox"/>	And			

Processing Options

OK Cancel

Select

Mode (1=Proof, 2=Final)

Open Amount

F4311 is updated

Work With Financial Status Inquiry Query: All Records

Order No: 7408 OS 02001 Thru Date: 08/31/2015
 Supplier: 335111 Walters & Wolf Glass Comp Type/Subledger: * *
 Description: Foreign

Change Order	Line Number	Description	Order Amount	Tax Amount	Order Units	Billed Amount	Billed Units	Retained Amount	Paid Amount	Open Amount	Open Units	UM	Sub Type	Sub Ledger	Job	Cost Type	Sub
000	1.000	GLASS & GLAZING	11,601,773.00			11,609,562.00		290,239.17	1,173,408.23			LS			10047400	5070	08800001
000	2.000	Move Steel Tube	4,733.00			4,733.00		118.32	4,614.68			EA			10047400	5070	08800001
000	3.000	Schedule Mitigation Plan	14,823.00			14,823.00		370.57	14,452.43			EA			10047400	5070	08800001

Data Browser - F4311 [Purchase Order Detail File] Query: All Records

Order Number = *
 Or Ty = *
 Order Co = *
 Ord Suf = *
 Line Number = *

Records 1 - 1

Order	Extended Price	Amount Received	Amount Relieved	Amount Open
1.000	11,601,773.00	11,609,562.00		11,601,773.00

Reports verify which Order the change was made to

R5743112 Tutor Perini Corporation 9/2/2015 15:50:13
 Update Open AMount in F4311 Page - 1

Or Ty	Order Number	Line Number	Amount Open	Quantity Open
OS	7408	1.000		

FINAL

Retention can be released

Voucher Match

This form has 0 Errors 1 Warnings

Issues (click each label for more information):
 Date Is in a Future Month (PACO)

Please look for the highlighted fields, correct the entries, and resubmit your request.



Supplier Classification Codes

Contract Num. 7408 OS 02001 Job Number 10047400
 Voucher Num. 978807 PS 02001 Batch 1436675
 Subcontractor 335111 Walters & Wolf Glass Comp
 Invoice Num. 123456 Co. 02001
 Gross Amount 296,074.28 Tax Taxable Amt.
 Invoice Date 09/01/2015 Discount Amt. Retained Amt.
 Eff. Date 09/01/2015 Def VAT Remaining
 Currency USD Exchange Rate Base USD Foreign

Change Order	Item Number	Subcontractor	Quantity To Voucher	Tr. UoM	Amount To Voucher	Retained Amount	Percentage Retained	Retainage Indicator	Prev. Amt. Retained	Deferred Tax on Retainage	Retainage To Release	Due Date	Discount Due Date	Description 1
1 000	7145	335111		EA					1.42-		1.42-	09/01/2015	09/01/2015	OCIP Adjustments
1 000	9132	335111		EA					130.35		130.35	10/16/2015	10/16/2015	WAN Antenna Locations
1 000	9110	335111		EA					22.05		22.05	10/16/2015	10/16/2015	Schdeule Mitgation
1 000	9468	335111		EA					48.32		48.32	10/16/2015	10/16/2015	Main Entry Soor Support
1 000	9575	335111		EA					134.92		134.92	10/16/2015	10/16/2015	Scope Gap
1 000	9552	335111		EA					62.20		62.20	10/16/2015	10/16/2015	Add Window Film
1 000	9487	335111		EA					107.17		107.17	10/16/2015	10/16/2015	Quiet Room Curtain Wall
1 000	9395	335111		EA					373.60		373.60	10/16/2015	10/16/2015	Railing @ Roof Parapet
1 000	9432	335111		EA					22.77		22.77	10/16/2015	10/16/2015	Below Ceiling Wall repairs
1 000	7160	335111		EA					1,131.35-		1,131.35-	09/01/2015	09/01/2015	OSP Interim
1 000	9802	335111		EA					17.00		17.00	10/16/2015	10/16/2015	Security Camera
1 000	9432	335111		EA					515.32		515.32	10/16/2015	10/16/2015	Trade Damage
1 000	102 - 9995	335111		EA					34.55		34.55	10/16/2015	10/16/2015	Subcontracts
1 000	103 - 9803	335111		EA					104.00		104.00	10/16/2015	10/16/2015	Subcontracts
1 000	104 - 7200	335111		EA					202.43-		202.43-	09/01/2015	09/01/2015	Subcontracts
1 000	MARCH PAYABLES	335111		EA					172.30-		172.30-	09/01/2015	09/01/2015	Subcontracts
1 001	4120	335111		EA					79.60		79.60	10/16/2015	10/16/2015	Replace Broken 1st fr window

In the event of a mistake, the Open Amount can be restored to its previous value

Processing Options

OK Cancel
 

Select

Mode (1=Proof, 2=Final) 2

Open Amount -7789

Work With Financial Status Inquiry

Order No 7408 OS 02001 Thru Date 07/31/2015

Supplier 335111 Walters & Wolf Glass Comp Type/Subledger * *

Description Foreign

Change Order	Line Number	Description	Order Amount	Tax Amount	Order Units	Billed Amount	Billed Units	Retained Amount	Paid Amount	Open Amount
000	1.000	GLASS & GLAZING	11,601,773.00			11,609,562.00		290,239.17	1,173,408.23-	7,789.00-

TESTING PASSED.

PLEASE PROMOTE TO PRODUCTION.